March 2024 | Preliminary Environmental Assessment Report

Oak Ridge Elementary School Rebuild Project (DTSC Site Code: 104871)

for Sacramento City Unified School District

Prepared for:

Sacramento City Unified School District
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PLACEWORKS

March 11, 2024

Letitia Shen
Hazardous Substances Engineer
Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, California 95826

Subject: Preliminary Environmental Assessment Report for Oak Ridge Elementary School Rebuild Project, Sacramento, California (Site Code 104871)

Dear Ms. Shen:

Enclosed please find the Preliminary Environmental Assessment Report prepared by PlaceWorks on behalf of Sacramento City Unified School District. The District is planning to rebuild Oak Ridge Elementary School at 4501 Martin Luther King Jr. Boulevard in the City of Sacramento, California.

Previous reports submitted to DTSC for this project were the PEA Workplan, dated September 15, 2023 and the Investigative Derived Waste (IDW) Plan, dated November 8, 2023. This PEA includes information from the previous reports and summarizes the results of the PEA investigation.

The PEA report will be made available to the public for review and comment pursuant to the California Education Code (CEC) §17213.1.a (6)(A). If you have any questions or comments regarding this report, please contact the undersigned at 775-853-8503.

Sincerely,

PLACEWORKS

Dr. Cathleen Fitzgerald, PE
Senior Engineer

Enclosures

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1. Executive Summary

PlaceWorks has performed a Preliminary Environmental Assessment (PEA) on behalf of Sacramento City Unified School District (District) for the proposed rebuild of the elementary school located at 4501 Martin Luther King Jr. Boulevard in the City of Sacramento, Sacramento County, California. (Figure 1 *Regional Location* and Figure 2 *Local Vicinity*). The project site occupies approximately 7.77 acres and can be seen in Figure 3, *Aerial Photograph*. The District proposes to rebuild an existing elementary school within the boundary of the 7.77-acre project site.

This PEA was prepared by PlaceWorks on behalf of Sacramento City Unified School District (District) pursuant to the California Education Code which requires that all new school sites or existing school sites with new construction obtain a "No Further Action" (NFA) determination from the California Environmental Protection Agency Department of Toxic Substances Control (DTSC) prior to proceeding with acquisition and/or construction of a school. The PEA Workplan was prepared in accordance with the guidelines of DTSC, as detailed in the PEA Guidance Manual (2015).

Nicholas Elementary School operates as a transitional kindergarten through 6th grade (TK-6) school and consists of two permanent buildings constructed in 1951 and twelve portables added to the campus between 1952 and 1998. The campus underwent a modernization project in 1999 and consists of 19 classrooms in total. The enrollment for school year 2022-2023 was 462 students with a capacity of 696 students. The buildings are on the western portion of the site with hardcourts in the central portion and playfields in the eastern portion. The Nicholas Elementary School students and staff are currently occupying the site while construction of the new buildings take place on the eastern portion of the site. Once completed, the students and staff will move to the new facilities while the hardcourts and playfields are constructed on the western portion of the site.

Once completed, the enrollment capacity would decrease to 650 students. The proposed project would include a multi-purpose building with a kitchen and administrative offices. North of the main building will be three single-story classroom buildings for first through six grades. East of the main building will be two buildings, one that houses kindergarten classrooms and the other housing one preschool and one transitional-kindergarten (T-K) classroom. Outdoor areas include a garden area, play structure, hardcourts, and turf play fields. The completion date for the construction project is estimated to be September 2025.

Potable water for domestic, fire, and irrigation uses will be provided to the project site by the City of Sacramento Department of Utilities. Sewer and wastewater collection will also be provided by the City of Sacramento Department of Utilities. There is no recycled water available near this project site.

1. Executive Summary

The eastern portion of the project site was historically occupied by row crops and grass crops from at least 1937 to about 1957. Sacramento City School District has been operating Nicholas Elementary School on the project site since 1951.

The District has decided to complete a PEA for the following reasons:

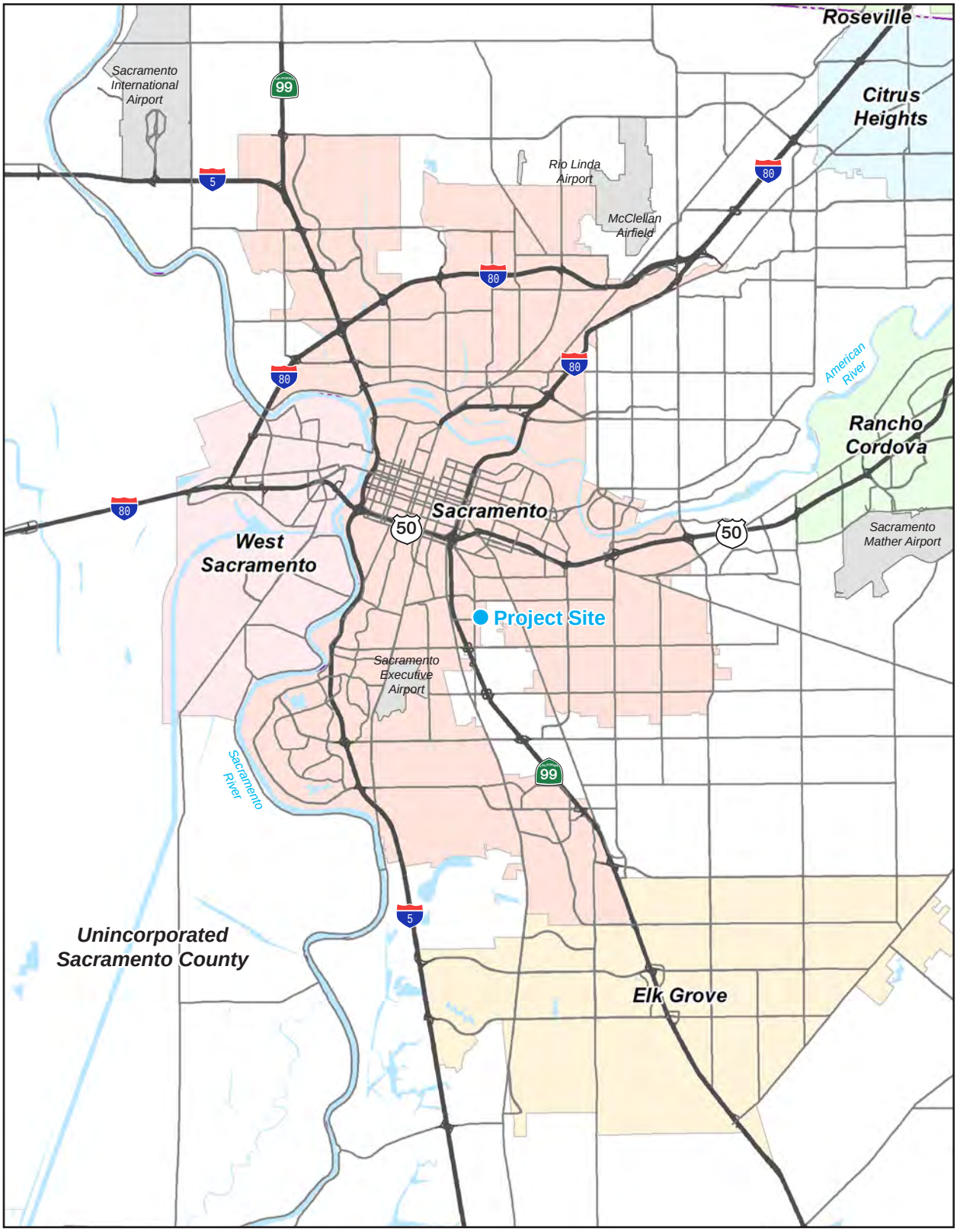
- Evaluate if there are any impacts from the historical agricultural activities.
- Evaluate if there are any impacts to shallow soils from lead-based paint, termiticides, and polychlorinated biphenyls from the classroom buildings predating 1978.
- Evaluate potential impacts to shallow soils from polychlorinated biphenyls next to on-site transformers.

Based on information developed during the PEA using the DTSC's PEA Guidance Manual, the DTSC will make an informed decision regarding the potential risks posed by the site.

The field sampling program implemented for the investigation on the project site is summarized below:

- Soil sampling activities were conducted at the site on October 3-5, 2023 in accordance with the PEA Workplan to evaluate historical usage of the project site for agriculture, and to assess shallow soil around transformers and older buildings that predated 1978.
- A total of 130 soil samples plus 11 duplicates were collected from the project site. Samples were collected from 70 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs. Some of the samples at deeper depths were archived pending analytical results.
- Forty-six composite soil samples and five composite duplicate soil samples were analyzed for organochlorine pesticides (OCPs) by EPA Method 8081A to evaluate the possible impacts to soil from historical agricultural operations and the use of termiticides around buildings pre-dating 1978.
- Thirty-two discrete soil samples and three duplicate soil samples were analyzed for possible impacts to soil from the weathering of caulking and/or sealants containing PCBs adjacent to buildings pre-dating 1978 and to evaluate potential soil impacts from two on-site transformers.
- Eight discrete soil samples and one duplicate soil sample were analyzed for arsenic by EPA Method 6010B to evaluate potential impacts to soil from historical agricultural operations.

Figure 1 - Regional Location



Note: Unincorporated county areas are shown in white.
Source: Generated using ArcMap 2023.

0 3
Scale (Miles)

1. Executive Summary

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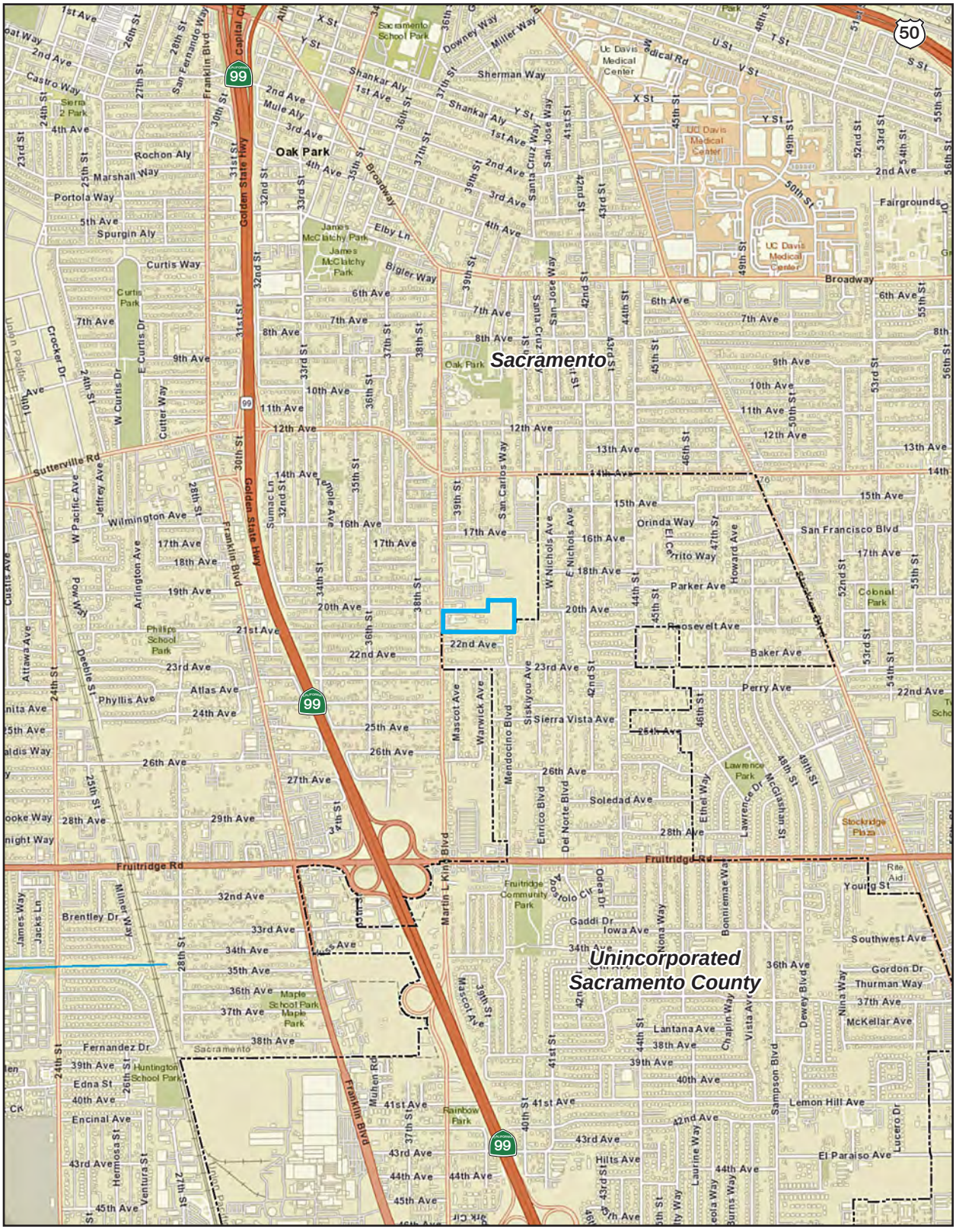
Figure 2 - Local Vicinity



Note: Unincorporated county areas are shown in white.

Source: Generated using ArcMap 2023.

1. Executive Summary

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Figure 3 - Aerial Photograph

Oak Ridge Elementary School Boundary
City Boundaries

0 275
Scale (Feet)

Source: NearMap 2023.

1. Executive Summary

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- Fifty-six discrete soil samples and six duplicate samples were analyzed for lead by EPA Method 6010B to evaluate potential impacts to soil from historical agricultural operations and for the weathering of lead-based paint around buildings pre-dating 1978.

- An investigation derived waste (IDW) removal was conducted at two locations on November 20, 2023 where soil samples were found to have lead concentrations in excess of 100 mg/kg. Two bottom soil samples at depths of 1.5 feet to 2.0 feet bgs and eight sidewall samples at a depth of 0.5 feet bgs were collected and analyzed for lead by EPA Method 8010B to verify that all soil with concentrations in excess of 80 mg/kg had been removed. An additional excavation was conducted on December 4, 2023 to remove lead-impacted soil from the north sidewall of B-16 and an additional soil sample was collected and analyzed and had a lead concentration of 40.5 mg/kg.

The results of the field program are summarized below:

- Composite soil samples were collected in the open field area and within two feet of the buildings that predated 1978 for the presence of OCPs. Cis- and trans-chlordane, 4.4-DDE, and heptachlor epoxide were detected at maximum concentrations of 0.14 mg/kg, 0.99 mg/kg, 0.013 mg/kg, and 0.017 mg/kg. These concentrations were below USEPA RSLs as adjusted for composite samples but were carried forward for the screening level risk assessment. Table 2 provides a summary of the OCP concentrations in soil at the site.

- All soil samples analyzed for PCBs had concentrations below the laboratory detection limits with the following exception. One of the duplicate samples next to one of the on-site transformers had a PCB concentration of 0.14 mg/kg. However, the laboratory qualified the result and said that due to weathering, this sample did not match any of the laboratory Arochlor standards and therefore there was uncertainty regarding the result. The original sample at this location had non-detect concentrations of PCBs. Because weathered PCB congeners do not have USEPA RSLs or DTSC SLs, this result was not carried forward as part of the screening assessment. The PCB analytical results are summarized in Table 3.

- Arsenic concentrations ranged from ND (below laboratory detection limits) to 4.73 g/kg and were comparable to two background data sets collected from school sites in close proximity to the project site. The background sites are in the same geologic formation as the project site (Dawson, 2009) and also have the same soil type: San Joaquin silt loam (USDA, 2024). Arsenic results are summarized in Table 4 and the background arsenic concentrations are provided in Table 5.

- Lead was detected in all 61 soil samples, as summarized in Table 4. The two soil samples that exceeded 100 mg/kg were part of an IDW action, which is described in detail in Appendix D. Although there are three remaining locations on site where lead concentrations exceed the DTSC threshold of 80 mg.kg, all of the upper one to two feet of soil will be removed as part of the

grading activities at the site. Also, the 95% UCL for soil remaining in place is 34.6 mg/kg and is below the 80 mg/kg threshold for residential soil. The lead results are summarized in Table 4, and the UCL data sheets are provided at the end of Appendix C.

- The human health risk screening showed that chemical concentrations would not be a risk to human health or the environment under an unrestricted residential land use scenario. In addition, the upper one to two feet of soil across the entire school site will be removed as part of the grading process.
- Laboratory data obtained were validated to assure that Data Quality Objectives (DQOs) were met, and the data were suitable for use in a human health and ecological screening evaluation.

1.1 SUMMARY AND RECOMMENDATIONS

Based on the historical agricultural use of the site and the age of several classroom buildings that predated 1978, the chemicals of potential concern (COPCs) that were identified during the PEA investigation were OCPs, PCBs, arsenic, and lead. The following OCPs were carried forward as chemicals of concern (COCs): cis- and trans-chlordane, 4,4-DDE, and heptachlor epoxide. Although the maximum OCP concentrations at the site were less than the USEPA RSLs or DTSC SLs as adjusted for composite samples, the OCPs were carried forward for the screening level assessment, as per DTSC protocol.

PCB concentrations were below detection limits in all samples except for one duplicate sample next to one of the transformers. Because the laboratory couldn't verify the validity of this sample due to weathering and the original sample at this location was non-detect for PCBs, this result was not used in the screening level assessment. In addition, PCB congeners that result from weathering do not have USEPA RSLs or DTSC SLs and therefore could not be evaluated in the screening assessment.

Lead concentrations in excess of 80 mg/kg were considered to be COCs and all soil concentrations at the site that exceeded 100 mg/kg were removed as part of the IDW action. There were three remaining locations where lead concentrations exceeded the DTSC residential standard of 80 mg/kg, with concentrations ranging from 81.2 mg/kg to 89.7 mg/kg. All of the lead concentrations remaining in soil at the site were evaluated, using ProUCL 5.2.2, and the 95% UCL was determined to be 34.6 mg/kg. In addition, the upper one to two feet of all of the soil on the site will be removed as part of the grading operations.

The calculated cumulative carcinogenic risk for the OCP identified in soil at the project site was estimated to be 7.9E-07, which is less than the DTSC threshold of one in a million (1.0E-06). The total health hazard from the COCs identified in soil at the project site was estimated to be 0.05, which is much less than the DTSC threshold of 1.0. Based on the PEA objectives, the results of the data collected during the PEA investigation, and the IDW action at the site, the school site in its current

condition would not adversely affect students and staff who would occupy the site. In addition, any residual COCs remaining in soil at the school site will be removed during the grading process. Per California Education Code 17213.1, PlaceWorks concludes that no further assessment of the site is necessary and is requesting that DTSC approve the PEA.

1. Executive Summary

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2. Introduction

This Preliminary Environmental Assessment (PEA) Report for the Oak Ridge Elementary School Rebuild project was prepared by PlaceWorks on behalf of Sacramento City Unified School District (District) pursuant to the California Education Code which requires that all new school sites or existing school sites with new construction obtain a "No Further Action" (NFA) determination from the California Environmental Protection Agency Department of Toxic Substances Control (DTSC) prior to proceeding with acquisition and/or construction of a school. The District is proposing a complete rebuild of the existing elementary school at 4501 Martin Luther King Jr. Boulevard in the City of Sacramento, Sacramento County, California.

Nicholas Elementary School operates as a transitional kindergarten through 6th grade (TK-6) school and consists of two permanent buildings constructed in 1951 and twelve portables added to the campus between 1952 and 1998. The campus underwent a modernization project in 1999 and consists of 19 classrooms in total. The enrollment for school year 2022-2023 was 462 students with a capacity of 696 students. The buildings are on the western portion of the site with hardcourts in the central portion and playfields in the eastern portion. The Nicholas Elementary School students and staff are currently occupying the site while construction of the new buildings take place on the eastern portion of the site. Once completed, the students and staff will move to the new facilities while the hardcourts and playfields are constructed on the western portion of the site.

Once completed, the enrollment capacity would decrease to 650 students. The proposed project would include a multi-purpose building with a kitchen and administrative offices. To the north will be three single story classroom buildings for first through six grades and a library. East of the main building will be two buildings, one that houses three kindergarten classrooms and the other housing one preschool and one transitional-kindergarten (T-K) classroom. Outdoor areas include a garden area, play structure, hardcourts, and turf play fields. The completion date for the construction project is estimated to be September 2025.

The eastern portion of the project site was historically used for agricultural purposes (a mixture of row crops and grass crops) from at least 1937 to about 1957. Sacramento City School District has been operating Nicholas Elementary School on the western portion of the project site since 1951. The eastern portion of the school site has historically been used as playfields.

The approximately 7.77-acre project site is bound by single family residences to the south, Williams Memorial Church of God in Christ to the north, Christian Brothers High School to the north and east, multi-family residential to the east, single-family residences to the south, and Martin Luther King

Jr. Boulevard to the west. Across Martin Luther King Jr. Boulevard to the west are residential and light commercial land uses. Figure 1, *Regional Location,* and Figure 2, *Local Vicinity,* show the overall location of the school site. Figure 3, *Aerial Photograph,* provides the current configuration of the school site. The project site is located on Assessor's Parcel Number (APN) 020-0220-004-0000, as shown in Figure 4, *APN Parcel Map*.

The District is completing a PEA to determine if prior activities at the site resulted in potential impacts from the following recognized environmental conditions and chemicals of potential concern (COPC) that may pose a threat to human health or the environment:

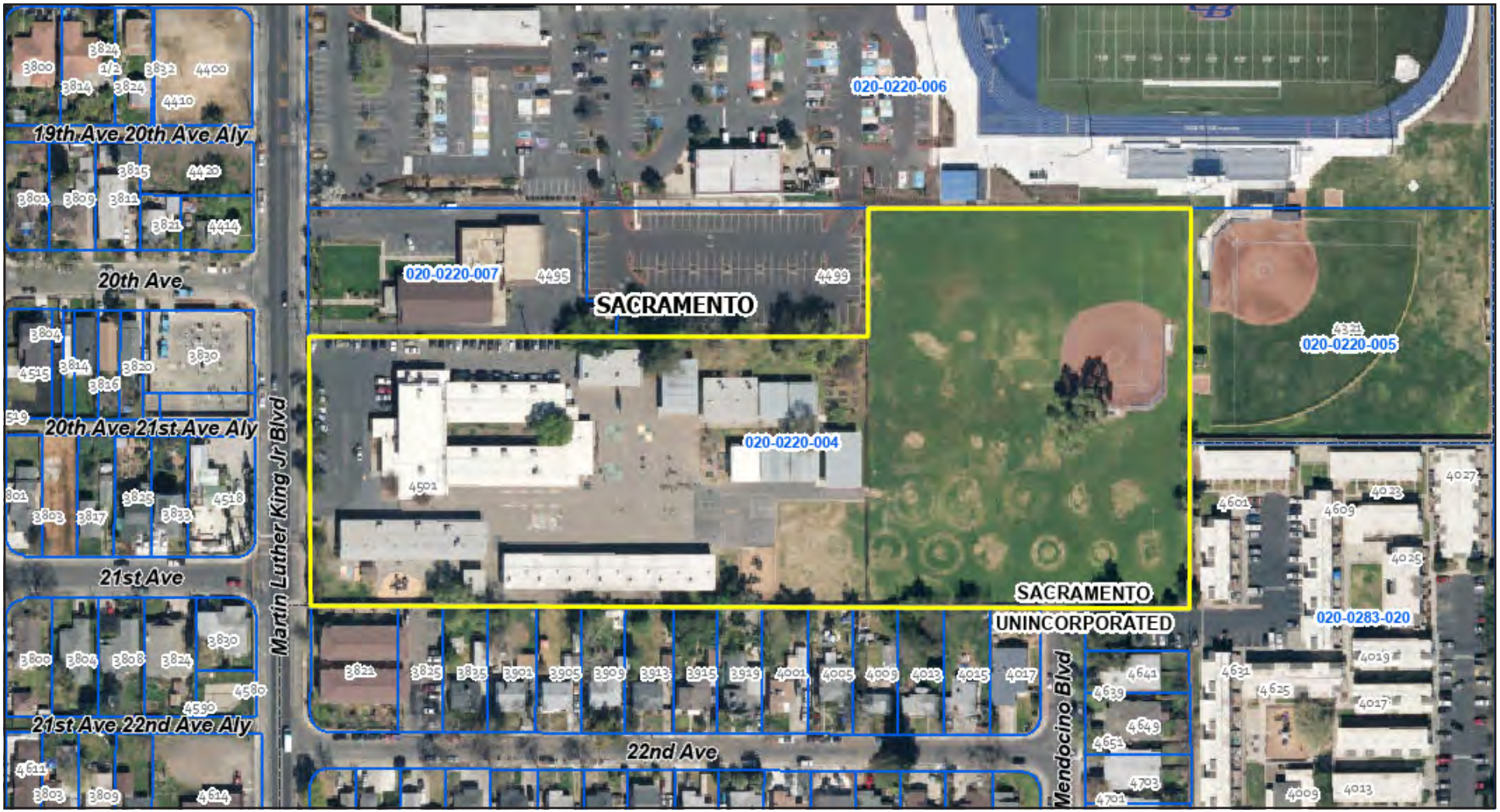
- Potential for arsenic, lead, and organochlorine pesticides (OCPs) in soil from historical agricultural use and the application of pesticides and/or herbicides.
- Potential for lead in soils due to the weathering of lead-based paint applied to classroom buildings predating 1978.
- Potential for OCPs in soil from the application of historical termiticides in buildings predating 1978
- Potential for polychlorinated biphenyls (PCBs) in soil from caulking and sealing materials around exterior windows and doorframes at buildings predating 1978 and from electrical transformers.

A PEA Workplan was prepared and submitted to DTSC on September 15, 2023 and approved by DTSC on September 26, 2023. The PEA Workplan was implemented on October 3-5, 2023. Based on elevated lead concentrations in excess of 100 mg/kg at two locations, an Investigative Derived Waste (IDW) Plan was prepared and submitted to DTSC on November 8, 2023 to excavate lead-impacted soil at these two locations. Verbal approval to proceed was provided by DTSC on November 13, 2023 and excavation of the lead-impacted soil was conducted on November 20, 2023 and December 4, 2023. Four drums of lead-impacted soil were subsequently transported off-site and disposed of as non-RCRA hazardous waste by Belshire Environmental on January 4, 2024. A detailed discussion of the results of the soil sampling and IDW efforts are provided in Section 6 of this PEA Report.

2.1 PEA OBJECTIVES

The District has prepared this PEA pursuant to the California Education Code that requires the completion of a Phase I Environmental Site Assessment (Phase I) or PEA, for school sites that will receive State funding prior to proceeding with construction of a school. The overall objectives of this PEA are to:

Figure 4 - APN Parcel Map



Oak Ridge Elementary School Boundary

Parcel Lines

0 165
Scale (Feet)

Source: Sacramento County 2024, Assessor Parcel Viewer.

2. Introduction

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- Evaluate historical information for indications of the past use, storage, disposal, or release of hazardous waste/substances at the site;
- Evaluate available information for indications of naturally-occurring hazardous materials at the site;
- Establish through a field sampling and analysis program the nature of hazardous wastes/substances that may be present in soil at the site, their concentration and general extent; and
- Estimate the potential threat to public health and/or the environment posed by hazardous constituents, if any, at the site using a residential land-use scenario.

Based on information developed during the PEA and the conservative human and ecological risk evaluation set forth in the DTSC's Preliminary Endangerment Assessment Guidance Manual (Revised October 2015), DTSC will then make an informed decision regarding potential risks posed by the site.

Possible outcomes of the PEA decision include, but are not limited to, issuance of a "No Further Action" (NFA) finding if the site is found not to be significantly impacted and the carcinogenic risk level is less than one in a million (1.0E-06) and hazard index is less than 1.0; further investigation through the Supplemental Site Investigation process if the site is found to be significantly impacted by hazardous substances release(s); the need to perform a Removal Action if localized impacts by hazardous substances release(s) are found; and/or the implementation of mitigation actions to address any potential risks

2.2 SCOPE OF WORK

The scope of work implemented to prepare this PEA included:

- Researching available site background information regarding former and current land use;
- Implementing field and laboratory data collection and evaluation to further assess environmental conditions at the site; and
- Preparing this PEA report.

Several information sources were reviewed as part of the background research for development of this PEA report. These sources were reviewed to develop an understanding of current and past land uses and practices that may have involved the handling, use, storage, and/or disposal of hazardous substances or wastes. Information was obtained and used to develop a general site history in an attempt to identify potential sources of chemical impact, if any.

2. Introduction

The approach utilized to perform the background research is very similar to that used in completing a Phase I under the American Society for Testing and Materials (ASTM) Practice for Environmental Site Assessments (ESAs): Phase I Assessments Process (ASTM Standard E 1527-21). Specific sources of information reviewed, and activities performed by PlaceWorks in conducting the background research included:

- Site inspections and observations of the site and surrounding area within ¼-mile (site photographs are included in Appendix A);
- Review of available aerial photographs and current USGS topographic maps (included in Appendix A of the PEA Workplan);
- Evaluation of environmental database list searches (included in Appendix B of the PEA Workplan);
- Review of agency files at federal, state, and local regulatory agencies and offices for the site (included in Appendix B of the PEA Workplan);
- Review of agency files for listed facilities within ¼-mile of the site that were identified as having a potential to have impacted the site (included in Appendix B of the PEA Workplan).
- Interviews with persons knowledgeable of site history and operations; and
- Collection and review of available applicable information from the District's files.

The scope for the field and laboratory investigation is discussed in Section 6. The field sampling program implemented for the investigation is summarized below:

- Soil sampling activities were conducted at the site on October 3-5, 2023 in accordance with the PEA Workplan to evaluate historical usage of the project site for agriculture, and to assess shallow soil around transformers and older buildings that predated 1978.
- A total of 130 soil samples plus 11 duplicates were collected from the project site. Samples were collected from 70 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs. Some of the samples at deeper depths were archived pending analytical results.
- Forty-six composite soil samples and five composite duplicate soil samples were analyzed for organochlorine pesticides (OCPs) by EPA Method 8081A to evaluate the possible impacts to soil from historical agricultural operations and the use of termiticides around buildings pre-dating 1978.

- Thirty-two discrete soil samples and three duplicate soil samples were analyzed for possible impacts to soil from the weathering of caulking and/or sealants containing PCBs adjacent to buildings pre-dating 1978 and to evaluate potential soil impacts from two on-site transformers.
- Eight discrete soil samples and one duplicate soil sample were analyzed for arsenic by EPA Method 6010B to evaluate potential impacts to soil from historical agricultural operations.
- Fifty-six discrete soil samples and six duplicate samples were analyzed for lead by EPA Method 6010B to evaluate potential impacts to soil from historical agricultural operations and for the weathering of lead-based paint around buildings pre-dating 1978.
- An investigation derived waste (IDW) removal was conducted at two locations on November 20, 2023 where soil samples were found to have lead concentrations in excess of 100 mg/kg. Two bottom soil samples at depths of 1.5 feet to 2.0 feet bgs and eight sidewall samples at a depth of 0.5 feet bgs were collected and analyzed for lead by EPA Method 8010B to verify that all soil with concentrations in excess of 80 mg/kg had been removed. An additional excavation was conducted on December 4, 2023 to remove lead-impacted soil from the north sidewall of B-16 and an additional soil sample was collected and analyzed and had a lead concentration of 40.5 mg/kg.

The results of the field program are summarized below:

- Composite soil samples were collected in the open field area and within two feet of the buildings that predated 1978 for the presence of OCPs. Cis- and trans-chlordane, 4.4-DDE, and heptachlor epoxide were detected at maximum concentrations of 0.14 mg/kg, 0.99 mg/kg, 0.013 mg/kg, and 0.017 mg/kg. These concentrations were below USEPA RSLs as adjusted for composite samples but were carried forward for the screening level risk assessment. Table 2 provides a summary of the OCP concentrations in soil at the site.
- All soil samples analyzed for PCBs had concentrations below the laboratory detection limits with the following exception. One of the duplicate samples next to one of the on-site transformers had a PCB concentration of 0.14 mg/kg. However, the laboratory qualified the result and said that due to weathering, this sample did not match any of the laboratory Arochlor standards and therefore there was uncertainty regarding the result. The original sample at this location had non-detect concentrations of PCBs. Because weathered PCB congeners do not have USEPA RSLs or DTSC SLs, this result was not carried forward as part of the screening assessment. The PCB analytical results are summarized in Table 3.
- Arsenic concentrations ranged from ND (below laboratory detection limits) to 4.73 g/kg and were comparable to two background data sets collected from school sites in close proximity to the project site. The background sites are in the same geologic formation as the project site (Dawson,

2009) and also have the same soil type: San Joaquin silt loam (USDA, 2024). Arsenic results are summarized in Table 4 and the background arsenic concentrations are provided in Table 5.

- Lead was detected in all 61 soil samples, as summarized in Table 4. The two soil samples that exceeded 100 mg'kg were part of an IDW action, which is described in detail in Appendix D. Although there are three remaining locations on site where lead concentrations exceed the DTSC threshold of 80 mg.kg, all of the upper one to two feet of soil will be removed as part of the grading activities at the site. Also, the 95% UCL for soil remaining in place is 34.6 mg/kg and is below the 80 mg/kg threshold for residential soil. The lead results are summarized in Table 4, and the UCL data sheets are in the back of Appendix C.

- The human health risk screening showed that chemical concentrations would not be a risk to human health or the environment under an unrestricted residential land use scenario. In addition, the upper one to two feet of soil across the entire school site will be removed as part of the grading process.

- Laboratory data obtained were validated to assure that Data Quality Objectives (DQOs) were met, and the data were suitable for use in a human health and ecological screening evaluation.

2.3 PEA REPORT FORMAT

This PEA Report is organized in general accordance with the format presented in Chapter 3 of the DTSC's PEA Guidance Manual. This PEA Report contains the following sections:

- Section 1 presents an Executive Summary;
- Section 2 presents an Introduction with PEA Objective and Scope of Work;
- Section 3 includes the Site Description and Physical Setting;
- Section 4 presents the Site History and Background Information;
- Section 5 defines the Apparent Problem;
- Section 6 contains a description of the Site Environmental Setting;
- Section 7 presents a discussion of Sampling Activities and Results;
- Section 8 includes the Human Health Screening Evaluation;
- Section 9 presents the Ecological Screening Evaluation;
- Section 10 includes a summary of Quality Assurance/Quality Control Implementation;
- Section 11 describes Health and Safety Plan (HASP) Implementation;
- Section 12 presents Field Variances;
- Section 13 contains Findings, Conclusions and Recommendations;
- Section 14 lists References cited in the document; and
- Section 15 provides the signature and qualifications of the PEA preparers.

The appendices to this PEA Report include:

- Appendix A – Site Photographs;
- Appendix B – Field Notes and Documentation;
- Appendix C – Laboratory Reports and Chain-of-Custody Forms;
- Appendix D – IDW Action Documentation
- Appendix E – Public Participation Notices.

The Health and Safety Plan and Quality Assurance Project Plan are provided in Appendix C and Appendix D, respectively, of the PEA Workplan, dated July 2023.

2.4 PUBLIC PARTICIPATION

Per Assembly Bill (AB) 972, prior to the commencement of the proposed PEA sampling, the public that was within the line of site was notified of the planned investigation activities. Copies of the notification letters are provided in Appendix E. The field work notice followed a format developed by DTSC in accordance with Education Code section 17210.1, subdivision (b).

The District will make the PEA available for public review and comment when the PEA is submitted to the DTSC. A public hearing will be conducted for the PEA (Option A under AB 972) that will be advertised in the local newspaper. A draft copy of the public hearing notification that will appear in the newspaper is provided in Appendix E. A Spanish translation of the public hearing notification will also be prepared by the District and will be included in the notification before submittal to the newspaper for publication.

Following completion of the 30-day public review and public hearing, Appendix E will be updated to include a copy of the newspaper notice and a transcript of public comments received during the public hearing.

2. Introduction

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3. Site Description

This section describes the location and ownership of the site as well as other pertinent details required by DTSC regarding the specifics of the site description. The 7.77-acre site has been identified by the District as the Oak Ridge Elementary School Rebuild Project. The project site is located within a portion of Section 20 of Township 8 North, Range 5 East of the Mount Diablo Base Line and Meridian.

3.1 DESCRIPTION AND LOCATION

3.1.1 Site Name

The site has been identified by the District as Oak Ridge Elementary School.

3.1.2 Site Address

Oak Ridge Elementary School is located at 4501 Martin Luther King Jr. Boulevard in City of Sacramento, Sacramento County. (Figures 1, 2, 3, and 4).

3.1.3 Designated Contact Person

Chris Ralston, Director III, Facilities Management, Sacramento City Unified School District is the Contact Person designated by the District.

3.1.4 Mailing Address

The mailing address for the project designated by the District is:

Sacramento City Unified School District
425 1st Avenue
Sacramento, California 95818

3.1.5 Telephone Number

The telephone number for Chris Ralston is 916.643.7400.

3.1.6 Other Site Names

No other site names were identified for the proposed school site.

3.1.7 U.S. Environmental Protection Agency (USEPA) Identification Number

The project has a current USEPA Identification Number - CAC003264852.

3.1.8 EnviroStor Database Number

The EnviroStor database number for the project site is 60003543 and the site code is 104871.

3.1.9 Assessor's Parcel Number

The 7.77-acre site is located on Assessor's Parcel Number (APN) 020-0220-004.

3.1.10 State Senate and Assembly District

The project site is within State Assembly District 10 and State Senate District 8.

3.2 SITE AND VICINITY DESCRIPTION

The 7.77-acre project site encompasses Oak Ridge Elementary School in the City of Sacramento. Figure 3 is an aerial photograph that shows the project site boundaries and current site conditions. The project site was used for a mixture of row crops and grass crops from 1937 until 1957. The project site has been occupied by Oak Ridge Elementary School from about 1951 until the present. The ages of the existing structures on the project site are provided in Figure 5. The campus currently consists of 19 classrooms in two permanent buildings and 12 portables with a capacity of 683 students. The project would result in a total of 20 classrooms in five new classroom buildings with a reduced capacity of 650 students.

Figure 1, *Regional Location,* provides a map depicting the regional location of the project site and Figure 2, *Local Vicinity,* provides the local setting for the school site. Figure 3, *Aerial Photograph,* provides an overview of the school site in its current configuration. Figure 4, *APN Parcel Map,* shows the site boundaries. Site photographs are included in Appendix A. The site is bounded by residential development to the south, a church and Christian Brothers High School to the north, a baseball field for Christian Brothers High School and multi-family residences to the east, single-family residences to the south, and Martin Luther King Jr. Boulevard to the west. Across Martin Luther King Jr. Boulevard to the west are commercial properties and a vacant lot.

The United States Geological Survey (USGS) topographic map for the site is the Sacramento East, California Quadrangle. The USGS topographic map was used as the source for site setting information. The project site is at approximately 38.53402º north latitude and 121.46275º west longitude, in a portion of Section 20 of Township 8 North, Range 5 East of the Mount Diablo Base Line and Meridian.

Figure 5 - Sampling Locations

Oak Ridge Elementary School Boundary

City Boundaries

A-X Agricultural Soil Samples (8)

B-X Building-Targeted Soil Samples (43)

T-X Transformer Soil Samples (2)

B-X Building-Targeted Soil Samples – Not Adjacent to Windows and/or Below Hardscape (17)

0 125
Scale (Feet)

Source: NearMap 2023.

3. Site Description

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3.3 PHYSICAL SETTING

Subsurface explorations were not performed for this evaluation; therefore, site geology and hydrology were evaluated on the basis of readily available public information or references, and/or based upon our experience and understanding of subsurface conditions in the subject property area.

3.3.1 Topography

Topographically, the project site generally slopes to the west. Based on a review of the USGS 7.5-minute Topographic Series Sacramento East, California Quadrangle Map (USGS 2018), surface elevation of the project site is approximately 30 feet above mean sea level (msl).

3.3.2 Geologic Information

The project site is located in the Sacramento Valley within the Great Valley Geomorphic Province. The Great Valley Province is a long, narrow northwest-trending alluvial valley that lies between the Sierra Nevada Range to the east and the Coast Ranges to the west (California Geological Survey [CGS] 2002). Topographically, the site slopes generally to the west. Based on a review of the USGS 7.5-minute Topographic Series, Sacramento East, California Quadrangle Map (USGS 2018), surface elevation of the site is approximately 25 to 30 feet above mean sea level (msl). No active faults have been mapped within a half mile radius of the property (DOC 2023). The proposed project site is approximately 24 miles southeast of the Dunnigan Hills Fault.

The United States Department of Agriculture Natural Resources Conservation Services mapped the soil beneath the project site as San Joaquin-Urban land complex, which has a surface texture classified as silt loam (USDA 2023). This soil has slow infiltration rates.

3.3.3 Naturally Occurring Asbestos Containing Minerals

Based on a review of *A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos* (California Division of Mines and Geology 2000) and *Reported Historic Asbestos Mines, Historic Asbestos Prospects, and Other Natural Occurrences of Asbestos in California* (Van Gosen and Clinkenbeard 2011), the site is not located within a ten-mile radius from an area thought to contain naturally occurring asbestos (NOA).

3.3.4 Radon

The Indoor Radon Abatement Act of 1988 directs the United States Environmental Protection Agency to identify and lists areas of the United States with the potential for elevated indoor radon levels. The U.S. EPA's Map of Radon Zones assigns one of three zones based on radon potential:

- **Zone 1** counties have a predicted average indoor radon screening level greater than 4 pico curies per liter (pCi/L)
- **Zone 2** counties with a predicted average indoor radon screening level between 2 and 4 pCi/L
- **Zone 3** counties with a predicted average indoor radon screening level less than 2 pCi/L

Based on the EPA radon map for California (USEPA 2023), the site is within Zone 3, which is below the level of concern. In addition, a total of nine indoor radon tests were conducted in zip code 95820 and none of the test results had a reported radon concentration at or greater than 4 pCi/L (EDR, 2023) The California Department of Public Health recommends action to be taken to reduce radon levels inside building if the concentrations are 4 pCi/L or greater.

3.3.5 Groundwater and Surface Water Information

The project site is located in the Sacramento Valley – South American subbasin. The American River, located about 3.0 miles northeast of the project site, and the Sacramento River, located about 2.9 miles west of the project site, are the principal surface water drainage features. Based on a review of the EDR included in Appendix B of the PEA Workplan, groundwater is expected to be located approximately 40 feet bgs at the project site, with the expected groundwater flow direction to the east-northeast. Based on a review of GeoTracker wells located approximately 0.5 mile west of the project site, the depth to groundwater is about 30 feet bgs (State Water Resources Control Board 2024).

3.4 PREVIOUS REPORTS

No prior assessments or investigations were found, other than an Initial Study/Mitigated Negative Declaration prepared by PlaceWorks and dated June 2023 that was submitted to the District and the State Clearinghouse (PlaceWorks 2023).

Prior reports related to this site investigation include the PEA Workplan, which was prepared and submitted to DTSC on September 15, 2023 and approved by DTSC on September 26, 2023. The PEA Workplan contained the information that is warranted for a Phase I Environmental Site Assessment (ESA), such as historical aerial photographs, historical topographic maps, and standard environmental records review.

The PEA Workplan was implemented on October 3-5, 2023. Based on elevated lead concentrations in excess of 100 mg/kg at two locations, an Investigative Derived Waste (IDW) Plan was prepared and submitted to DTSC on November 8, 2023 to excavate lead-impacted soil at these two locations. Verbal approval to proceed was provided by DTSC on November 13, 2023 and excavation of the lead-impacted soil was conducted on November 20, 2023 and December 4, 2023. Four drums of lead-impacted soil were subsequently transported off-site and disposed of as non-RCRA hazardous waste

by Belshire Environmental on January 4, 2024. A detailed discussion of the results of the soil sampling and IDW efforts are provided in Section 6 of this PEA Report and Appendix D.

3. Site Description

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4. Site History and Background Information

4.1 CURRENT AND HISTORICAL LAND USES

4.1.1 Facility Ownership/Operators

The Sacramento City Unified School District is the owner of the project site.

4.1.2 Business Type

The eastern portion of the site was historically used for agricultural purposes (a mixture of row crops and grass crops) from 1937 to about 1957. Nicholas Elementary School was constructed on the western portion of the site in 1951 and has occupied the site until the present.

4.1.3 Years of Operation

Based on a review of historical aerial photographs, the site was used for agricultural purposes from at least 1937 until 1957. The site became the location for Nicholas Elementary School in approximately 1951.

4.1.4 Business/Manufacturing Activities

Based on a review of historical aerial photographs, and documents, no manufacturing activities have occurred on the site.

4.2 SURROUNDING PROPERTY LAND USES

The adjoining land uses are as follows:

- North: Williams Memorial Church of God in Christ and Christian Brothers High School
- East: Christian Brothers High School baseball field and multi-family residences
- South: Single-family residences
- West: Martin Luther King Jr. Boulevard and across the street commercial properties and a vacant lot.

Section 17213 of the California Education Code and Section 21151.8 of the California Public Resources Code prohibit construction of a school upon a current or former hazardous waste disposal

site or solid waste disposal site. Based on information provided in the PEA Workplan, the proposed elementary school rebuild is not located on a current or former disposal site.

4.3 PAST USAGE OF THE SITE

Past usage of the site was assessed through a review of aerial photographs, topographic maps, and city directories. Copies of these resources are included in the PEA Workplan, Appendix B. The project site was used for a mixture of row crops and grass crops from 1937 until 1957. A farmhouse was present in the northeastern portion of the site in 1937 but was no longer present in the 1947 aerial photograph. The project site was then occupied as Nicholas Elementary school site from 1951 until the present. The former grass crops appear to have been irrigated based on the darker tonality of the site.

4.3.1 Oil and Gas Map Review

A review of California Department of Conservation Geologic Energy Management Division's (CalGEM's) Well Finder website indicates that there are no oil wells or oil fields within a mile of the project site. The nearest oil well is approximately 2.2 miles west of the project site. The well is identified as a plugged, dry gas hole advanced by the Exxon Mobil Corporation (CalGEM, 2024).

4.4 PAST USES OF ADJOINING PROPERTIES

Past usage of the adjoining properties was assessed through a review of aerial photographs and historical topographic maps. Copies of the historical references reviewed are included in Appendix A of the PEA Workplan.

Based on historical aerial photographs and topographic maps, the adjoining land use was also agriculture until residential development began around 1947 to 1964. Residential development currently surrounds the project site to the east and south. A church and Christian Brothers High School is located to the north. Small businesses and a vacant lot are present to the west across Martin Luther King Jr. Boulevard beyond which are residential properties.

4.5 HAZARDOUS MATERIALS/WASTE MANAGEMENT INFORMATION

4.5.1 Site Owner/Operator Records

The project site has never been used for business/manufacturing activities, as per the historical records review provided in the PEA Workplan, Appendix B. The project site was used for agricultural purposes (a mixture of row crops and grass crops) from 1937 until 1957. Nicholas Elementary School was constructed in 1951 and the site has been used as a school site until the present.

4. Site History and Background Information

A site reconnaissance and site inspection was conducted by PlaceWorks on July 27, 2023. No weather-related conditions or other conditions occurred that would limit the ability to observe the site. Summarized below are observations relative to specific physical features identified in the PEA Guidance Manual and site photographs are included as Appendix A.

Physical Feature	***Observations***
Site boundaries:	The project site consists of approximately 7.77 acres of land developed with Oak Ridge Elementary School.
Locations and boundaries of all onsite operations (present and past):	Based on a review of aerial photographs, the project site was developed with row crops and grass crops from 1937 to about 1957. Oak Ridge Elementary School was constructed in 1951 and has operated on the site until the present.
Foundations of former structures:	None noted by PlaceWorks.
Storage tanks and storage areas:	None noted by PlaceWorks.
Odors:	None noted by PlaceWorks.
Pools of liquid:	None noted by PlaceWorks.
Electrical or hydraulic equipment known or likely to contain PCBs:	There are two pad-mounted transformers, as shown in Figure 5, that were sampled during this investigation for the presence of PCBs in soil.
Unidentified substance containers (including empty drum storage):	None noted by PlaceWorks
Stained soil and pavement, corrosion, and degradation of floors and walls:	None noted by PlaceWorks.
Drains and Sumps:	None noted by PlaceWorks.
Pits, ponds, and lagoons:	None noted by PlaceWorks.
Surface drainage pathways:	None noted by PlaceWorks.
Stressed vegetation (from other than insufficient water):	None noted by PlaceWorks. .
Solid waste and wastewater:	None noted by PlaceWorks.
Wells (including dry wells, irrigation wells, injection wells):	None noted by PlaceWorks.
Septic systems:	None noted by PlaceWorks
Overhead electrical lines:	There are no high-voltage transmission lines in close proximity to the project site. The overhead transmission lines on the west site of Martin Luther King Jr. Boulevard are low voltage (<50 kV) according to PG&E and SMUD.
High-pressure gas or fuel transmission lines:	There are several high-pressure natural gas pipelines, ranging in size from 10 to 16 inches in diameter, along Martin Luther King Jr. Boulevard and others within 1,500 feet of the site. These were evaluated in the Pipeline Safety Hazard Assessment (PlaceWorks, September 2023).
Railroad tracks:	No railroad tracks were identified within 1,500 feet of the site.

4. Site History and Background Information

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5. Apparent Problem

Although there was no physical evidence of any site activities that may have caused environmental impacts during the site inspection, there are potential environmental issues based on previous agricultural land use and the age of current buildings on the site. The following potential issues at the site were identified:

- The possibility of residual pesticides and/or arsenic in soil due to historical agricultural use of the site from approximately 1937 to about 1957.
- The possibility of residual termiticides and lead-based paint in soil due to the presence of on-site structures predating 1978.
- The possibility of polychlorinated biphenyls (PCBs) in soil beneath the windows of classroom buildings predating 1978 from caulking and sealants and the possibility of PCBs in soil next to the on-site transformers.

Because the proposed project is reconstruction of an existing school, there is a potential for children who will attend the school and adult employees to be exposed to chemicals that may be present in soil. Potential exposure may occur from soil ingestion, dermal exposure to soil, and inhalation of particulate matter. The soil sampling that was conducted during the PEA investigation was directed at addressing these potential chemicals and exposure pathways.

5. Apparent Problem

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6. Environmental Setting

This section describes potential exposure pathways and the site geology and hydrogeology.

6.1 FACTORS RELATED TO SOIL EXPOSURE PATHWAYS

6.1.1 Site Topography

Based on a review of the USGS 7.5-minute Topographic Series Sacramento East, California Quadrangle Map (USGS 2018), the surface elevation of the project site is approximately 25 to 30 feet above mean sea level (msl). The geographic coordinates for the site are 38.53402º north latitude and 121.46276º west longitude. The project site has a slight gradient to the west.

6.1.2 Site Geology and Soil Types

The project site is located in the Sacramento Valley within the Great Valley Geomorphic Province. The Great Valley Province is a long, narrow northwest-trending alluvial valley that lies between the Sierra Nevada Range to the east and the Coast Ranges to the west (California Geological Survey [CGS] 2002). The Sacramento Valley is in the northern portion of the Great Valley and is bounded by the Klamath Mountains to the north and the Stockton Arch to the south. Valley sediments range from Jurassic to Holocene in age with alternating marine and terrestrial depositional environments (McPherson and Garven 1999). The site is underlain by the Pleistocene Riverbank Formation (Dawson 2009). The Riverbank Formation consists of arkosic alluvial sand and silt. No active faults have been mapped within a half mile radius of the property (DOC 2024). The proposed project site is approximately 24 miles southeast of the Dunnigan Hills Fault.

The United States Department of Agriculture Natural Resources Conservation Services mapped the soil beneath the project site as San Joaquin-Urban land complex, which has a surface texture classified as silt loam (USDA 2024). The soil layer from 23 to 28 inches is classified as a clay loam. These soils have slow infiltration rates.

Based on the EPA radon map for California (USEPA 2024), the site is within Zone 3, which is the lowest classification of potential radon. Based on this classification, naturally occurring radon is not likely to be a potential hazard at the site.

6.1.3 Naturally Occurring Asbestos

Based on a review of *A General Location Guide for Ultramafic Rocks in California: Areas More Likely to Contain Naturally Occurring Asbestos* (CGS 2000) and *Reported Historic Asbestos Mines, Historic Asbestos Prospects, and Other Natural Occurrences of Asbestos in California* (Van Gosen and Clinkenbeard 2011), no known naturally occurring serpentine rock or rock formations—which may contain significant quantities of asbestos—are within 10 miles of the project site. Therefore, the site is unlikely to have naturally occurring asbestos (NOA).

6.1.4 Site Accessibility

The site is accessible from Martin Luther King Jr. Boulevard on the west.

6.1.5 Proximity to Nearby Receptors

The primary land use in the surrounding area is residential. There is a church and Christian Brothers High School adjacent to the site on the north. Across Martin Luther King Jr. Boulevard to the west are small businesses and a vacant lot with additional residential development farther west. The nearest day care facility is approximately 400 feet south of the site at 3949 23rd Avenue. There is an assisted living facility (Jasmine Hall) approximately 0.5 mile north of the school site at 3965 Martin Luther King Jr. Boulevard. No hospitals are present within one mile of the school site.

6.2 FACTORS RELATED TO WATER PATHWAYS

The following sections describe factors related to potential water pathways.

6.2.1 Groundwater Pathway

The site is in the North American subbasin of the Sacramento Valley Groundwater Basin. Based on a review of GeoTracker wells located approximately 0.5 mile west of the project site (House of Signs), the groundwater was measured at about 30 feet bgs and the groundwater flow direction is to the southeast (State Water Resources Control Board 2024). The release of gasoline constituents from this location was remediated and the case was closed in 2010. Based on the distance between the GeoTracker site and the school site and the localized nature of the release, the school site would not be impacted by groundwater migration from this site. Hydrogeologic investigations were not performed on the site; therefore, it is unknown to what extent localized variations in groundwater are present. However, based on the information in the GeoTracker website and as discussed in Section 3.4, *Standard Environmental Records Review* of the PEA Workplan, there are no facilities in close proximity to the site that are currently under investigation for groundwater contamination. Based on the fact that chemicals detected at the site have very low water solubilities and the depth to groundwater is 30 feet or greater, the leaching of soil to groundwater pathway at the site is considered to be incomplete.

6.2.2 Surface Water Pathway

The nearest surface water is Morrison Creek, which is located about 2.2 miles southeast of the project site. Based on an analysis of the topography in the site vicinity, sheet flow runoff from the site during periods of intense or prolonged precipitation would be expected to flow to the west and would be captured by storm drains along Martin Luther King Jr. Boulevard. Therefore, stormwater runoff from the site would not directly impact surface water bodies and human exposure via the surface water pathway is incomplete.

According to the Federal Emergency Management Agency (FEMA) Map Service Center website (2024), the site is within Zone X, i.e., outside of the 100-year and 500-year floodplain.

Potable water and sewer service is provided by the City of Sacramento Department of Utilities. There is no recycled water distribution system near the project site.

6.2.3 Impacted Aquifers from Site Releases

There are no known site releases in the vicinity of the school site.

6.3 FACTORS RELATED TO AIR PATHWAYS

The site is an area characterized as a typical Mediterranean climate, with warm dry summers and mild winters. The Western Regional Climate Center collected climatic data from Sacramento from 1877 to 2016. The mean temperature in the area ranges from a low of 40° Fahrenheit (°F) in the winter to a high of 92°F in the summer, although extreme temperatures of 17°F and 114°F have been recorded. The average annual precipitation is 18 inches per year.

The chemicals detected at the site during the PEA investigation (OCPs, arsenic, and lead) are not volatile compounds. However, the soil particles could become part of airborne particulate matter and therefore this is considered to be a complete exposure pathway.

To assess whether there is a vapor migration risk at the project site, a review of the site-specific environmental database reports and other reasonably ascertainable records was implemented to assess whether:

1. Off-site properties have documented chlorinated volatile organic compound (VOC) contamination located within 100 feet of the subject property, or
2. Off-site properties have documented volatile petroleum hydrocarbon contamination within 30 feet of the subject property.

6. Environmental Setting

Based on the records review, there are no known chlorinated VOC contaminated sites within 100 feet or known leaking underground storage tanks identified adjacent or within 30 feet of the project site. Therefore, soil vapor migration is not considered to be a complete exposure pathway.

7. Sampling Activities and Results

This section describes methods and results of the soil sampling activities conducted at the 7.77-acre site. The initial soil sampling effort was conducted by PlaceWorks on October 3-5, 2023 in accordance with the PEA Workplan. Figure 5, *Sampling Locations,* shows the sampling locations for the project site. The dates when various buildings at the school site were constructed are also shown on Figure 5. Samples B-55 through B-60 are located where a former farmhouse was present in the northeastern portion of the site between 1937 and 1947. Table 1 provides a summary of the sampling and analysis program that was conducted at the site and Appendix B provides the field logs and photos of the PEA investigation effort.

There were five locations at the project site where soil samples exceeded the DTSC residential lead threshold of 80 mg/kg. The two locations where lead concentrations exceeded 100 mg/kg were the focus of an Investigation Derived Waste (IDW) action, which is provided in Appendix D. A Technical Memorandum Workplan was submitted to DTSC on November 8, 2023 to remove the lead-impacted soil at these two locations. After verbal approval to proceed was provided by DTSC on November 13, 2023, excavation of the lead-impacted soil was conducted on November 20, 2023 and December 4, 2023. Four drums of lead-impacted soil were subsequently transported off-site and disposed of as non-RCRA hazardous waste by Belshire Environmental on January 4, 2024. Appendix D contains the IDW Workplan and laboratory results for the Investigation Derived Waste effort and the waste manifest. A summary of the sampling and analysis program is provided below.

- Soil sampling activities were conducted at the site on October 3-5, 2023 in accordance with the PEA Workplan.
- A total of 130 soil samples plus 11 duplicates were collected from the project site. Samples were collected from 70 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs. Some of the samples at deeper depths were archived pending analytical results.
- Forty-six composite soil samples and five composite duplicate soil samples were analyzed for organochlorine pesticides (OCPs) by EPA Method 8081A to evaluate the possible impacts to soil from historical agricultural operations and the use of termiticides around buildings pre-dating 1978.
- Thirty-two discrete soil samples and three duplicate soil samples were analyzed for possible impacts to soil from the weathering of caulking and/or sealants containing PCBs adjacent to buildings pre-dating 1978 and to evaluate potential soil impacts from two on-site transformers.

- Eight discrete soil samples and one duplicate soil sample were analyzed for arsenic by EPA Method 6010B to evaluate potential impacts to soil from historical agricultural operations.
- Fifty-six discrete soil samples and six duplicate samples were analyzed for lead by EPA Method 6010B to evaluate potential impacts to soil from historical agricultural operations and for the weathering of lead-based paint around buildings pre-dating 1978.
- After conducting the investigation derived waste removal at two locations on November 20, 2023, two bottom soil samples at depths of 2.5 feet to 3.5 feet bgs and eight sidewall samples at a depth of 0.5 feet bgs were collected and analyzed for lead by EPA Method 8010B. The excavation efforts were guided by results from an XRF meter. Further excavation was conducted on December 4, 2023 to remove additional lead-impacted soil from the north sidewall of B-16. A soil sample was collected and analyzed for lead at this location which showed that the lead concentration was now below 80 mg/kg. All lead-impacted soil was placed in four drums and transported off-site as non-RCRA hazardous waste by Belshire Environmental on January 4, 2024.

7.1 UTILITY CLEARANCE

Prior to commencement of field activities, USA North was notified of PlaceWorks intent to conduct subsurface investigations at least 48 hours prior to initiation of intrusive field tasks. USA contacted all utility owners of record within the site vicinity and notified them of our intention to conduct subsurface investigations in proximity to buried utility lines. All utility owners of record, or their designated agents, clearly marked their utilities.

7.2 SAMPLING PROCEDURES

Soil samples were collected following protocols described in DTSC's *PEA Guidance Manual* (DTSC 2015), DTSC's *Interim Guidance for Sampling Agricultural Properties (Third Revision)* (DTSC 2008), and DTSC's *Interim Guidance – Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls (PCBs) from Electrical Transformers* (DTSC 2006). In addition, the potential for PCBs in soil from window caulking or sealants in the buildings constructed prior to 1978 was evaluated in accordance with USEPA's current guidance on PCBs in building materials (USEPA, 2023), DTSC's HHRA Note 8 – Recommendations for Evaluating Polychlorinated Biphenyls (PCBs) at Contaminated Sites in California, and direction from DTSC to obtain all soil samples within two feet of the windows in the buildings that predated 1978. The sampling program that was implemented is provided in Table 1 and all sampling locations are shown on Figure 5, S*ampling Locations*.

The rationale for the soil sampling locations and analyses are presented in the PEA Workplan and summarized herein. Only OCPs and lead were analyzed for soil samples B-34 through B-39 as these

locations are along a wall that does not have any windows. Soil samples B-44 through B-54 were analyzed for OCPs but not analyzed for PCBs as these portable classrooms were located on hardscape with no nearby open areas for runoff to accumulate. In addition, soil samples were not collected in areas where the portable classrooms were installed between 1985 and 1999 and are located on hardscape (see Figure 5 for the building dates and sampling locations).

7.2.1 Soil Sampling Methods and Procedures

The soil sampling methods and procedures described in the PEA Workplan were implemented during the field investigation. Soil sampling was collected from surface to 0.5 feet bgs and 2.5 to 3.0 feet bgs primarily using a track-mounted direct push drill rig (Geoprobe™). The Geoprobe™ rig advanced acetate lined sample core barrel sleeves to the desired depth using a hydraulic ram or pneumatic hammer system. The inside diameter of the core barrel is 1.5 to 2.0 inches. The sample barrel was retrieved and the sample interval observed, logged, and preserved.

Observations pertaining to soil type were described in the field logs. Soil samples were preserved by placing Teflon™ sheeting and polyethylene caps leaving no headspace and wrapping the samples with Parafilm™ tape or placing them in sealable plastic bags. Field logs and photos are provided in Appendix B.

At locations that were inaccessible by the Geoprobe™ drill rig, soil sampling was conducted using a hand auger and laboratory-supplied 8-ounce glass jars. Each soil sample was labeled with the sample number, sample depth, and the date and time the sample was collected. Samples were immediately placed in an ice-filled cooler and listed on a chain-of-custody form. Any observations pertaining to potential soil contamination or soil source were recorded. The chain-of-custody forms are included at the end of the laboratory reports in Appendix C.

7.2.2 Quality Control Sampling Procedures

Field quality control samples associated with the sampling program included duplicate soil samples, equipment blanks, and soil matrix spike/matrix spike duplicate (MS/MSD) samples, in accordance with the DTSC PEA Guidance Manual (DTSC 2015). Duplicate soil samples that were collected and analyzed are listed in Table 1.

7.2.3 Decontamination Procedures

All equipment that came into contact with the soil was decontaminated consistently to assure the quality of samples collected. Decontamination was conducted prior to and after each use of a piece of equipment. All sampling devices used were decontaminated using the following procedures:

- Non-phosphate detergent and distilled water wash, using a brush; and

- A double deionized/distilled water rinse.

7.2.4 Investigative Derived Waste

In the process of collecting environmental samples during the field-sampling program, different types of potentially contaminated investigation-derived wastes (IDW) were generated that include the following:

- Used personal protective equipment (PPE);
- Disposable sampling equipment;
- Soil cuttings;
- Decontamination fluids, and
- Removal of soil impacted with lead above 100 mg/kg at two locations (approximately 1.1 cubic yards).

The EPA's National Contingency Plan requires that management of IDW comply with all applicable or relevant and appropriate requirements to the extent practicable. The sampling plan followed the Office of Emergency and Remedial Response Directive 9345.3-03FS dated April 1992, which provides the guidance for the management of IDW.

Listed below are the procedures that were followed for handling the IDW:

- Used PPE and disposable equipment were double bagged and placed in a municipal refuse dumpster. These materials are not considered to be hazardous and were eventually shipped to a municipal landfill.
- Soil cuttings were returned to the original boreholes.
- The incidental volume of soil that was considered IDW was placed in four 55-gallon drums and transported off-site as California non-RCRA hazardous waste, as documented in Appendix D.

7.3 ANALYTICAL RESULTS

Organochlorine pesticide (OCP) concentrations in soil are summarized in Table 2, polychlorinated biphenyl (PCB) concentrations are summarized in Table 3, and arsenic and lead concentrations are summarized in Table 4. Table 5 provides the background arsenic concentrations. The laboratory reports for all analytes are included in Appendix C.

7.3.1 Soil Description

The native soils encountered and collected during the investigation consisted of reddish brown (5YR5/4) silt loam and reddish brown (2.5YR4/4) clay loam, which is consistent with the San Joaquin soil series mapped at the site. No odors or staining were observed during the field investigation. Groundwater was not encountered, and fill material was not observed.

7.3.2 Organochlorine Pesticides (OCPs)

Composite soil samples were collected within the open field area and within two feet of the buildings that pre-dated 1978 to test for the presence of OCPs from historical agricultural activities or the application of termiticides. Cis- and trans-chlordane, 4,4-DDE and heptachlor epoxide was detected at maximum concentrations of 0.14 mg/kg, 0.099 mg/kg, 0.013 mg/kg, and 0.017 mg/kg. These concentrations are below the USEPA RSLs as adjusted for composite samples. Although one of the duplicate composite samples (Composite B-9DUP, B-10DUP @0.5') had a reported dieldrin concentration of 0.024 mg/kg, the discrete samples (B-9DUP and B-10DUP) that were subsequently analyzed had OCPs concentrations below detection limits for all analytes. Also, the original composite B-9, B-10 sample at 0.5 feet bgs had a non-detect concentration of dieldrin. Therefore, the dieldrin value of 0.024 mg/kg was not carried forward as a chemical of concern in the human health screening evaluation. It also should be noted that all soil at the project site between depths of one to two feet bgs will be removed during grading operations (White, 2023). Therefore, none of the OCPs reported herein will be present at the school site once the rebuild project is completed. Table 2 provides a summary of the OCP concentrations, and Appendix C includes the laboratory results.

7.3.3 Polychlorinated Biphenyls (PCBs)

Discrete soil samples were collected within approximately two feet of the buildings that pre-dated 1978 and next to the two on-site transformers to test for the presence of PCBs from the weathering of window caulking and/or sealants and from potential leaks or spills from the on-site transformers. Only one detection of PCB was reported in the duplicate sample collected next to one of the transformers (T-1 DUP@0.5') at a concentration of 0.14 mg/kg. The original sample (T-1@0.5') had non-detect PCB concentrations. However, the laboratory reported that due to weathering, this duplicate sample did not match any of the laboratory Arochlor standards and therefore there is qualitative and quantitative uncertainty regarding this result. It appears that the detected PCB may be one of 19 PCB congeners that can be identified by EPA Method 8082A and cannot be readily separated from the seven PCBs of greater toxicological significance that are reported by this method. Since the laboratory result is inconclusive and none of the PCB congeners have established risk thresholds (USEPA Region 9 RSLs or DTSC SLs), this result was not carried forward as part of the human health screening evaluation. In addition, the soil at this location and the upper one to two feet

of soil throughout the entire site will be removed as part of the grading operations (White, 2023). The analytical results are summarized in Table 3, and the laboratory results are provided in Appendix C.

7.3.4 Arsenic

Discrete soil samples were collected in the open field area and were analyzed for arsenic to determine if there were residual soil impacts from historical agricultural activities at the site. The arsenic concentrations ranged from below detection limits to 4.73 mg/kg. The arsenic concentrations at the site were compared to background data sets collected from two nearby school sites. One site is Nicholas Elementary School (DTSC Site Code 104896), which is located approximately 1.9 miles south-southeast of the project site. The other site is Chavez-Kemble Elementary School (DTSC Site Code 104870), which is located about 3.2 miles south-southwest of the project site. The background sites are in the same geologic formation as the project site (Dawson 2009) and have similar soil types (USDA 2024). Arsenic concentrations at the project site were similar to the background concentrations. A detailed statistical comparison of the data sets was not conducted because of the small sample sizes and large number of non-detect concentrations in one of the background data sets. However, the arithmetic mean of the project site arsenic concentrations were at or below the arithmetic means of the background data sets. Arsenic results are summarized in Table 4 and background arsenic concentrations are provided in Table 5. The laboratory reports for the arsenic analyses are included in Appendix C.

7.3.5 Lead

Lead was detected in all 61 soil samples collected and analyzed at the site. The concentrations ranged from 5.0 mg/kg to 367 mg/kg. The two soil samples that exceeded 100 mg/kg at B-56 and B-16 were later removed from the site as part of an IDW action, as described in detail in Appendix D. There are three remaining locations where lead concentrations exceed the DTSC threshold of 80 mg/kg: A-1DUP (89.7 mg/kg), B-5 (81.2 mg/kg) and B-7DUP (81.4 mg/kg). The original lead samples at A-1 and B-7 had lead concentrations below 80 mg/kg, with concentrations of 75.9 mg/kg and 57.1 mg/kg, respectively. The lead concentrations at the site for soil remaining in place was analyzed, using ProUCL 5.2.2, and the reported 95% UCL was calculated to be 34.6 mg/kg. However, it should be noted that all soil at a depth of one to two feet bgs will be removed as part of the grading operations (White, 2023) and therefore no lead-impacted soil will remain in place at the site. A summary of the lead concentrations is provided in Table 4, the laboratory report is provided in Appendix C, the 95% ProUCL results are provided at the end of Appendix C, and the IDW action is documented in Appendix D.

8. Human Health Screening Evaluation

A human health screening assessment was conducted to evaluate the potential threat to human health at the proposed school site. The established PEA screening process was used to determine if there are levels of contamination at the site that may have adverse effects on human health on students and staff at the school site. The purpose of the human health risk screening evaluation is to assess whether levels of contaminants in soil at the site could pose a threat to human health under conservative (health-protective) exposure assumptions. The PEA requires a residential land use scenario regardless of current use and zoning.

8.1 CONCEPTUAL SITE MODEL

The potentially complete soil exposure pathways include soil ingestion, dermal exposure to soil, and inhalation of particulates detected in soil. Potentially exposed populations for the site include on-site school age children, teachers, and staff. Consistent with DTSC guidance, future unrestricted residential land use was considered as the most health-protective and conservative land use for the assessment and hypothetical future on-site residents were part of the evaluation. In order to estimate what the potential exposures may be under current and future site conditions, risk calculations were conducted using the data that were collected during this PEA investigation.

Figure 6 is the conceptual site model for the site. The primary sources of chemicals of potential concern are from the current and historic land uses described in Section 4. The exposure assumptions for the hypothetical on-site resident are that exposure would occur 24 hours per day for seven days per week for 350 days per year for 26 years. This exposure scenario is very health protective for a school site, where teachers, students, and staff may occupy the site for a maximum of 180 days per year for students and 250 days per year for teachers and staff for a maximum duration of eight to nine hours per day.

8.2 CHEMICALS OF POTENTIAL CONCERN SELECTION

The chemicals of potential concern (COPCs) for the site that were evaluated in the PEA screening risk assessment have been identified based on the site history, sampling results, DTSC guidance documents and protocol. The COPCs that were identified were OCPs, PCBs, arsenic, and lead.

The concentrations of COPCs in soil were compared to the DTSC modified screening levels (DTSC-SLs) presented in DTSC's Office of Human and Ecological Risk (HERO) Human Health Risk Assessment (HHRA) Note 3 (HERO, June 2020, updated May 2022). If a DTSC-SL was not

8. Human Health Screening Evaluation

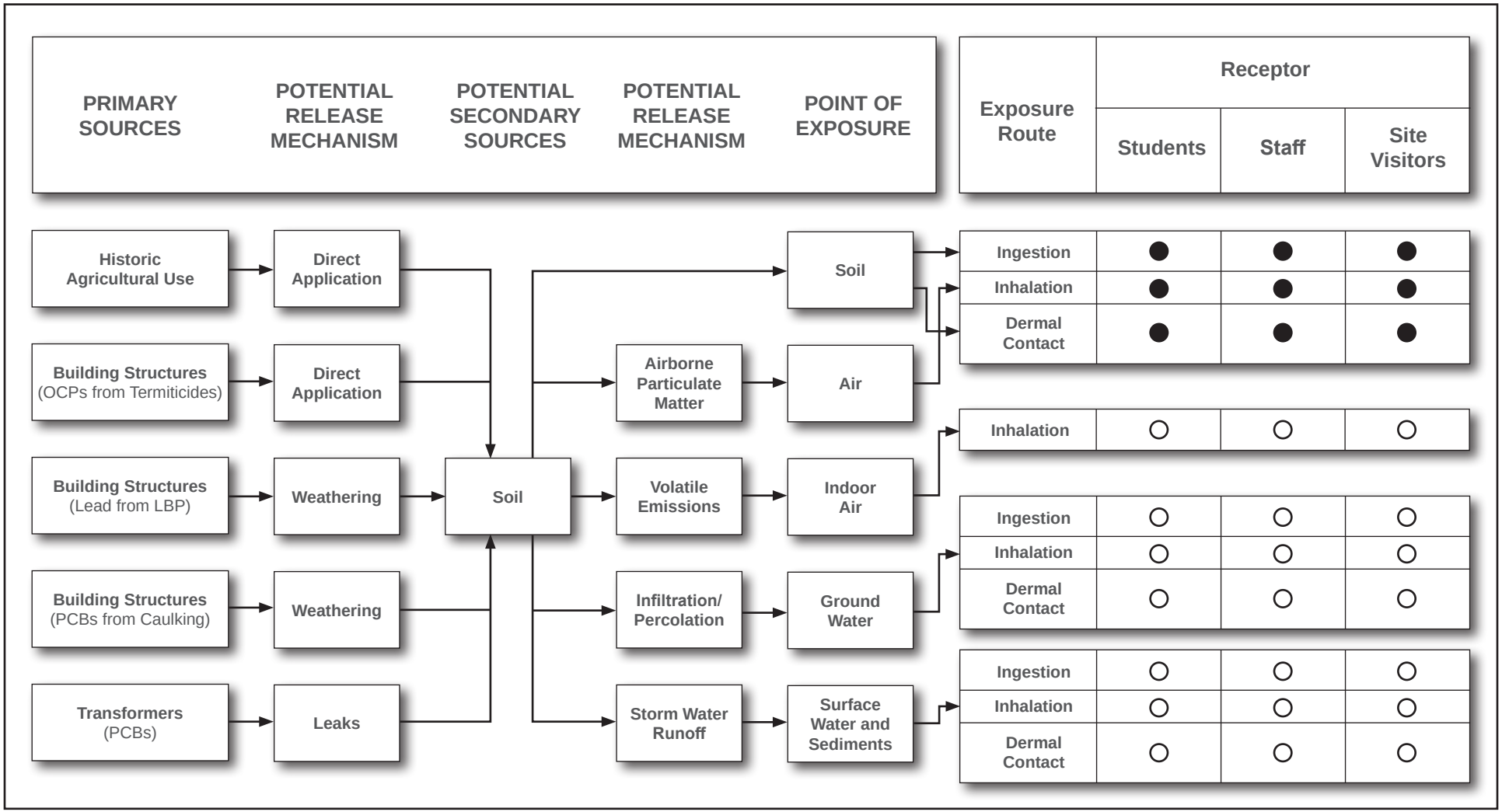
established, the soil concentrations were compared to Regional Screening Levels (RSLs) established by the USEPA Region 9 for a residential setting (USEPA 2023).

One composite sample had a cis-chlordane concentration of 0.14 mg/kg and a trans-chlordane concentration of 0.099 mg/kg (Table 2). These concentrations are below EPA RSLs and DTSC SLs as adjusted for composite samples. However, these were identified as chemicals of concern (COCs) and carried forward for the screening level assessment. Since the maximum cis-chlordane and trans-chlordane concentrations were reported in the same sample, the concentrations were combined and evaluated as technical chlordane at a concentration of 0.239 mg/kg in the screening assessment. Also present was 4,4-DDE at a maximum concentration of 0.013 mg/kg and heptachlor epoxide at a maximum concentration of 0.017 mg/kg. These chemicals were also carried forward as COCs for the screening assessment.

There was one detection of PCB in a duplicate sample next to one of the transformers. However, the laboratory stated that this value could not be substantiated due to weathering and didn't correspond to any of the laboratory Arochlor standards. It appears to be one of 19 PCB congeners that can result with weathering. Since none of the PCB congeners have established USEPA RSLs or DTSC SLs, PCBs were not carried forward as COCs for the screening assessment. The laboratory results are summarized in Table 3 and the laboratory reports are provided in Appendix C.

Because there are three remaining locations at the site where lead concentrations exceed the DTSC residential cleanup standard of 80 mg/kg. lead was carried forward as a COC. The lead concentrations that currently remain in soil at the site range from 81.2 to 89.7 mg.kg. Therefore, a 95% UCL concentration was determined, using ProUCL Version 5.2.2, and calculated to be 34.6 mg/kg, which is well below the DTSC standard of 80 mg/kg. It should also be noted that all of the upper one to two feet of soil at the site will be removed during the grading operations (White, 2023) and therefore, no soil with concentrations exceeding 80 mg/kg will remain in place at the school site. Arsenic was not carried forward as a COC because on-site arsenic concentrations were within the range of background levels.

Figure 6 - Conceptual Site Model



● Complete Exposure Pathway

○ Incomplete Exposure Pathway

8. Human Health Screening Evaluation

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8.3 HEALTH RISK ASSESSMENT

The DTSC's Human and Ecological Risk Office (HERO) recommends that the EPA RSLs and DTSC-SLs be used to conduct a screening-level human health risk assessment using a residential land use scenario. The maximum concentration of a particular COC in a medium (e.g. soil, water, or air) is divided by its risk-based RSL or DTSC-SL. To determine carcinogenic risk, this ratio is summed across all carcinogenic chemicals and media and multiplied by 10^{-6} to provide an estimate of carcinogenic risk. To calculate the hazard index for non-carcinogenic chemicals as well as carcinogenic chemicals, the maximum detected concentration of the COC is divided by the non-carcinogenic RSL or DTSC-SL and summed across all chemicals and media. The following risk assessment was conducted, using the maximum reported OCP concentrations to determine potential carcinogenic risk and the hazard index.

Carcinogenic Risk Residential Exposure Using Maximum Concentrations in Soil

Chemical	Maximum Concentration (mg/kg)	Number of Samples in Composite	RSL (mg/kg)	RSL adjusted for number of samples in composite	Concentration/RSL
Technical chlordane[1]	0.239	2	1.7	0.85	0.2812
4.4-DDE	0.013	3	2.0	0.67	0.0195
Heptachlor epoxide	0.017	2	0.07	0.035	0.4857
Total Risk					7.9E-07

[1]Technical chlordane is the sum of the maximum values of cis-chlordane (0.14 mg/kg) and trans-chlordane (0.099 mg/kg)

The estimated cancer risk for the site using the maximum detected concentration and assuming a residential land use exposure scenario is 7.9E-07, which is below the DTSC level of concern of 1.0E-06. As stated previously, all of the soil containing these residual OCP concentrations will be removed from the site as part of the rebuild project.

8. Human Health Screening Evaluation

Hazard Index Residential Exposure Using Maximum Concentrations in Soil

Chemical	Maximum Concentration (mg/kg)	Number of Samples in Composite	RSL for Noncancer Risk (mg/kg)	RSL adjusted for composite	Conc./RSL
Technical chlordane	0.239	2	35	17.5	0.0137
4,4-DDE	0.013	3	23	7.67	0.0017
Heptachlor epoxide	0.017	2	0.99	0.495	0.0343
Total Hazard					0.05

The hazard index (HI) for noncarcinogenic risk for exposure to organochlorine pesticides in soil was much less than 1.0, using the maximum reported concentrations and a residential exposure scenario. A total HI of 1.0 or less indicates that there is no cause for concern for adverse noncarcinogenic health effects.

The chemical concentrations remaining in soil at the site do not pose a health risk to future users of the site under the most conservative assumptions using a residential land use exposure scenario and the maximum reported concentrations. Also, the risk analysis conservatively assumes that all of the soil present at the site has the highest reported COC concentrations throughout the site. As stated previously, all of the upper one to two feet of soil at the site will be removed as part of the grading operations. Therefore, no soil at these reported maximum concentrations will remain on site.

Lead was detected at two locations at concentrations exceeding 100 mg/kg and was the subject of an IDW action, as per the direction of DTSC and in accordance with the IDW Workplan. Four drums of lead-impacted soil were subsequently transported off-site under manifest as a California non-RCRA hazardous waste, as documented in Appendix D. The remaining lead concentrations in soil at the site were evaluated, using the computer program ProUCL 5.2.2, and the 95% Approximate Gamma UCL was calculated to be 34.6 mg/kg, which is well below the DTSC threshold of 80 mg/kg. The computer output is provided in Appendix C at the end of the laboratory reports. As stated previously, the upper one to two feet of soil will be subsequently removed as part of the grading operations and therefore, there will be no on-site locations where soil concentrations exceed 80 mg/kg. Therefore, the concentrations of lead in soil at the site will not pose a threat to the health of students or staff at the school site.

8.4 UNCERTAINTY ANALYSIS

The data collected are subject to uncertainty associated with sampling and analysis. These data are presented in other parts of the PEA. In the analysis it was assumed that samples collected were representative of conditions to which various populations may be exposed. However, the collected samples may not be completely representative due to biases in sampling and to random variability of samples. In general, sampling was biased toward areas of known and suspected elevated chemical concentrations, which will lead to an overestimation of risk when these results are assumed to represent a larger area. The placement of soil borings was purposely biased to detect and characterize potential hot spots of soil based on historical site use. This type of sampling approach is likely to overestimate the chemical concentrations to which a receptor would be exposed and the potential health impact to the receptors evaluated.

Samples were analyzed using California State Certified Laboratory procedures and were subjected to limited review in order to determine data suitable for decision-making. However, it should be noted that sample analysis is subject to uncertainties associated with precision, accuracy and detection of chemicals at low concentrations.

8. Human Health Screening Evaluation

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9. Ecological Screening Evaluation

9.1 SITE CHARACTERIZATION

The site is currently a school campus. Based on visual observations during the site visit and information provided by the District, the site has been present in its current configuration since 1951 with the addition of several portable classrooms since that time and does not support wildlife habitats.

9.2 BIOLOGICAL CHARACTERIZATION

The site is a disturbed area that contains a school campus and paving and therefore does not support wildlife habitats. Natural wildlife habitat areas were not noted on the project site during the site inspections.

9.3 ECOLOGICAL PATHWAY ASSESSMENT

No assessment of potential exposures to sensitive ecological receptors is necessary based on the lack of habitat and the lack of a complete exposure pathway for sensitive ecological species.

9.4 ECOLOGICAL SCREENING EVALUATION SUMMARY

An ecological screening evaluation was not conducted for the site because the project site has historically been used as an elementary school and there is a lack of wildlife habitat at the site. Based on the available information and the conceptual site model, there does not appear to be a complete exposure pathway for sensitive ecological species. Any stormwater runoff from the site would be collected by the City's storm drain system and would not directly enter a surface waterway.

9. Ecological Screening Evaluation

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10. Quality Assurance/Quality Control Implementation

The Quality Assurance/Quality Control (QA/QC) Program was implemented in accordance with the DTSC PEA Guidance Manual (DTSC 2015). The primary quality control features of the QA/QC program include the collection and analysis of field quality control samples and the data validation. All proper chain of custody procedures were followed, and the chain of custody forms are included in the back of the laboratory reports in Appendix C. The Quality Assurance Project Plan is included in Appendix D of the PEA Workplan.

Quality control samples collected in the field included equipment rinseate blanks as described in Section 6. The data for these quality control samples were reviewed as part of the data validation process, along with results from laboratory quality control analyses. Data validation was performed in compliance with DTSC's PEA Guidance Manual, using protocols consistent with the USEPA National Functional Guidelines (USEPA 2020). Each sample was analyzed for the specified suite of analyses presented in Section 6. Data from each of the analyses were evaluated with respect to the quality control criteria listed below. Data for the project as a whole were evaluated in terms of completeness.

- Holding times;
- Field blanks;
- Laboratory method and calibration blanks;
- Initial and continuing calibrations;
- System monitoring compounds (surrogates - organic analyses only);
- Laboratory control samples (LCS) and LCS duplicate samples (LCSD) - as applicable;
- Matrix spikes (MS)/Matrix spike duplicates (MSD) ; and
- Compound identification and quantitation.

Data collected for the project are of acceptable quality for use in the screening evaluation. Results from the field duplicate samples indicate appropriate sample collection and handling procedures were implemented, and that laboratory analytical precision was also acceptable.

Data validation qualifier flags are added to laboratory data that do not meet acceptance criteria, such as R for rejected or J as estimated. There was one J data qualifier in the laboratory reports for endrin at a concentration of 5.6 ug/kg in the B-9/B-10 DUP sample. However, when the discrete B-9 and B-10 samples were subsequently analyzed, no OCPs were detected in either sample.

10. Quality Assurance/Quality Control Implementation

Field activities were observed to be conducted in a manner consistent with the QA/QC procedures presented in the DTSC PEA Guidance Manual (DTSC 2015) and the PEA Workplan. No findings were identified that significantly affect the quality of the samples collected or the resulting data evaluation.

10.1 DATA VALIDATION

Data validation was performed for all samples submitted as part of PlaceWorks evaluation of soil. Eurofins Environmental Testing CalScience, Tustin was the lead laboratory for the project and performed the required analyses.

Validation was performed in accordance with the general guidance provided in the USEPA Functional Guidelines for Evaluating Inorganic and Organic Analyses (USEPA 2020) and in accordance with the professional judgment of the validation team. Validation was performed to assess analytical performance in terms of the DQOs accuracy, precision, sensitivity, and completeness. Comparability and representativeness DQOs for the samples collected are addressed by the correct implementation of the procedures defined in the sampling and analysis plan. A summary of the validation program, in terms of the DQOs listed above, is provided in the following sections. There was one qualifier noted on the soil sample analytical results, as discussed above. There were also some qualifiers on the QA/QC samples as noted below.

10.2 ACCURACY

Accuracy was evaluated by assessing the results of holding times, field and laboratory blanks, initial and continuing calibrations, surrogate spike recoveries (organic analyses), LCS recoveries, MS analyses, and interference check samples (metals by inductively coupled plasma).

Holding times were met for all analyses. The laboratory flagged that discrete samples B-9DUP and B-10DUP were prepared outside of the preparation holding time due to extraction requested at the end of the holding period. However, the samples were collected on October 4 and the sample extraction occurred on October 18, which is actually the last day of the 14-day holding period.

One of the equipment blanks that was collected on October 4, 2023 had a reported PCB concentration of 3.5 ug/l. The source of the PCB contamination is not known, because all soil samples collected on this date had non-detect concentrations of PCBs. The laboratory reported that this equipment blank required mercury cleanup to reduce matrix interference due to sulfur. The laboratory method blank for this batch of samples was below detection limits for PCBs.

It is not known whether the source of contamination occurred in the field or in the laboratory. It may have been due to contamination from motor oil or hydraulic fluid from the Geoprobe drill rig. Studies have shown that motor oil, lubricants, and transmission fluids that have even been recently purchased

contain PCB congener concentrations (Leidos, 2016). It also could be possible that cross-contamination of clean glassware occurred in the laboratory, because PCBs are readily volatilized during the oven-drying of glassware and can spread to other glassware (USEPA, 2007). Regardless of the source of contamination, all soil samples collected on that date (October 4, 2023) had PCB concentrations below the detection limit.

Frequency and control criteria for initial and continuing calibration verifications were met, with the exceptions noted below. The method blank data showed non-detectable levels for all constituents. LCS analysis was performed at required frequencies and all recoveries were within acceptable limits. Surrogate recoveries for all samples were within acceptable control limits. MS and MSD were performed at the required frequencies and were within acceptable control limits.

The laboratory reported continuing calibration verification (CCV) issues associated with two batches of samples that were high and outside the control limit for toxaphene and methoxychlor. If CCV recoveries are above criteria, a high bias is assumed for those analytes. High bias is not of concern for analytes that are not detected. All samples associated with these CCVs were non-detect; therefore, the data have been reported.

10.3 PRECISION

Precision was evaluated by assessing the results between MS and MSD analyses, LCS and LCSD analyses, and laboratory duplicate analyses. The precision DQO was generally satisfied for the samples collected during the project. Precision was evaluated as the relative percent difference (RPD) between control sample results. RPD criteria reported by the laboratory were used to assess precision. RPDs were within the appropriate control limits.

Soil samples were also evaluated to determine the RPD between duplicate measurements. If the RPD between primary and duplicate field samples exceed 100 percent, the data should be qualified. The RPD is calculated as:

$$\%\ RPD = 100\%\ x\ \frac{(X2 - X1)}{Average\ (X2 + X1)}$$

Because many of the OCP and PCB results were non-detect for both the primary and duplicate samples, the RPD evaluation was made using the lead samples, as shown below. All primary and duplicate soil samples were within the acceptable range.

10. Quality Assurance/Quality Control Implementation

Sample ID	Original Sample (mg/kg)	Duplicate Sample (mg/kg)	RPD (%)	Within Acceptable Range
A-1	75.9	89.7	16.7	Yes
A-6	14.8	17.8	18.4	Yes
B-7	57.1	81.4	35.1	Yes
B-8	27.5	28.6	3.9	Yes
B-9	18.8	20.1	6.7	Yes
B-10	13.5	15.2	11.8	Yes

10.4 SENSITIVITY

Sensitivity was addressed by ensuring that the reporting limits provided by the laboratories met those as requested in the workplans and task orders provided to the laboratory. Data were qualified in cases where results were reported at concentrations below standard laboratory reporting limits, but above the method detection limits that may have been required to meet the sensitivity requirements for the project. Such results were flagged by the laboratory as either J or B qualified data. There were one qualified J value in the analytical results for endrin in a duplicate composite sample. The discrete samples at this location were subsequently analyzed and were below detection limits for all OCPs, including endrin.

10.5 COMPLETENESS

Completeness is an evaluation of the overall sampling program with respect to data generated that is usable versus data that may have been rejected. No data was rejected during the data validation process for this project. The completeness objectives (minimum 90 percent) for this project are therefore considered to be satisfied for all analyses.

10.6 DATA VALIDATION CHART

The following table is a summary of pertinent quality indicators that were verified during the data validation process.

10. Quality Assurance/Quality Control Implementation

ACCEPTABILITY		
QUALITY INDICATOR	SOIL	SOIL
	EPA Method 6010B	EPA Method 8081A
	Target Analyte: Arsenic	Target Analyte: 4.4-DDE
Completeness of Laboratory Reports (e.g., laboratory, client, and sample identifications; ELAP certification number, project name, sample matrix, sample collection, preservation, preparation, extraction, analysis dates; analytical methods; analytes; reporting units and limits; dilution factors; report page numbering system; designated title and signatures)	Y	Y
Reporting Limit (RL)	Y 3.0 mg/kg	Y 0.005 mg/kg
Chain of Custody	Y	Y
Sample Containers and Conditions	Y	Y
Holding Time (<28 days)	Y	Y
Sample Preservation	Y	Y
Equipment Rinseate Blanks	Y	Y
Field Duplicates	Y	Y
Field QC Samples – Others	NA	NA
Surrogate Recoveries	NA	Y
Method Blanks	Y	Y
LCS % Recovery	Y	Y
MS/MSD % Recovery	Y	Y
MS/MSD % RPD	Y	Y
Laboratory Duplicates	Y	Y
Laboratory QC Samples – Others	NA	NA
Compound Identification	Y	Y
Compound Quantitation	Y	Y
Dilution Factors	Y	Y
Data Qualifiers	Y	Y
Confirmation of Positive Samples	NA	NA
Observations of Significance	NA	NA
Case Narrative	Y	Y
Instrument Tuning	NA	NA
Initial Calibration	Lab	Lab

10. Quality Assurance/Quality Control Implementation

ACCEPTABILITY		
QUALITY INDICATOR	SOIL	SOIL
	EPA Method 6010B	EPA Method 8081A
	Target Analyte: Arsenic	Target Analyte: 4.4-DDE
Calibration Verification	Lab	Lab
Interference Check Standard	NA	NA
Others	NA	NA

Notes:
Y = acceptable or in compliance
NA = Not applicable
Lab = Responsibility of laboratory

11. Health and Safety Procedures

PlaceWorks followed a site-specific Health and Safety Plan (HASP) pursuant to Health and Safety Code 1910.120. The HASP is provided in Appendix C of the PEA Workplan. The plan addressed the following:

- Identification and description of potentially hazardous substances that may be encountered during field operations;
- PPE and clothing for site activities; and
- Measures that need to be implemented in the event of an emergency.

PlaceWorks field personnel reviewed the HASP prior to commencing fieldwork. Prior to initiation of field activities each day, a site safety briefing was conducted to identify potential physical and chemical hazards and measures to be taken in the event of an emergency. All on-site personnel were required to sign the site safety briefing form. During field activities, all personnel wore appropriate level D PPE. No incidents or emergency actions related to site sampling occurred during the field program.

11. Health and Safety Procedures

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12. Field Variances

Soil sampling at the project site was conducted in general accordance with the approved PEA Workplan. In accordance with DTSC protocol, all soil samples collected next to the buildings were within two feet of the building footprints. Areas that were inaccessible to the Geoprobe™ drill rig were sampled using a hand auger. Photographs obtained during the field investigation are provided in Appendix B. In addition, based on two locations that had concentrations of lead in excess of 100 mg/kg, a subsequent IDW removal action was conducted at this location, as documented in Appendix D.

The soil sampling was conducted in accordance with the PEA Guidance Manual (DTSC 2015), DTSC's *Interim Guidance for Sampling Agricultural Properties (Third Revision)* (DTSC 2008), and DTSC's *Interim Guidance – Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls (PCBs) from Electrical Transformers* (DTSC 2006). In addition, the potential for PCBs in soil from window caulking or sealants in the buildings constructed prior to 1978 was evaluated in accordance with USEPA's current guidance on PCBs in building materials (USEPA, 2023), DTSC's HHRA Note 8 – Recommendations for Evaluating Polychlorinated Biphenyls (PCBs) at Contaminated Sites in California, and direction from DTSC to obtain all soil samples within two feet of windows in the older buildings.

12. Field Variances

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13. Findings, Conclusions and Recommendations

This Preliminary Environmental Assessment Report for the Oak Ridge Elementary School Rebuild project (site) was prepared by PlaceWorks on behalf of Sacramento City Unified School District (District). Sacramento City School District proposes to demolish the existing Nicholas Elementary School and completely rebuild it.

The 7.77-acre site is located at 4501 Martin Luther King Jr Boulevard in the City of Sacramento (see Figure 1, *Site Location;* Figure 2, *Local Vicinity,* and Figure 3, *Aerial Photograph*). The Assessor's Parcel Number for the project is APN 020-0220-004. The parcel map is provided in Figure 4, *APN Parcel Map.*

The school site is bound by single family residences to the south, Williams Memorial Church of God in Christ to the north, Christian Brothers High School to the north and east, multi-family residential to the east, and Martin Luther King Jr. Boulevard to the west. Across Martin Luther King Jr. Boulevard to the west are residential and light commercial land uses. The current configuration of the school site is shown in Figure 3, *Aerial Photograph.* The project site was historically occupied by row crops and grass crops from at least 1937 to about 1957. Sacramento City Unified School District has been operating Oak Ridge Elementary School on the project site since 1951.

13.1 DEPARTMENT OF TOXIC SUBSTANCES CONTROL PROTOCOL

Based on a review of historical information and site visits, structures were identified at Nicholas Elementary School dating back to about 1951. There also was a farmhouse at the site between 1937 and 1947. Due to the age of former and current structures, DTSC required testing to assess potential impacts to soil from lead-based paint, organochlorine pesticides from possible termiticide usage, and PCBs used in window caulking and sealants. In addition, based on historical aerial photographs, it appears that the project site was used for agricultural purposes (a mixture of row crops and grass crops) that were possibly irrigated from at least 1937 until about 1957. Therefore, the areas previously used for agriculture were tested for OCPs, lead, and arsenic.

Because the proposed project is rebuilding an existing school, testing was implemented to assess these issues following DTSC's *Interim Guidance for Evaluating School Sites with Potential Soil Contamination as a result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* dated June 2006 and DTSC's *Interim Guidance for Sampling Agricultural Properties (Third Revision)* dated August 2008. Also, the recommendations and procedures provided in DTSC's HHRA Note Number 8: *Recommendations for Evaluating Polychlorinated Biphenyls (PCBs) at Contaminated*

Sites in California and the US Environmental Protection Agency's guidance on its website, *Polychlorinated Biphenyls (PCBs) in Older Buildings,* were used to guide the investigation of potential PCB impacts at the site. The investigation results are discussed below.

13.2 SUMMARY OF FINDINGS

Based on a review of historical information and site visits, the PEA Workplan was prepared and implemented to address areas of concern as summarized below:

- Soil sampling activities were conducted at the site on October 3-5, 2023 in accordance with the PEA Workplan to evaluate historical usage of the project site for agriculture, and to assess shallow soil around transformers and older buildings that predated 1978.
- A total of 130 soil samples plus 11 duplicates were collected from the project site. Samples were collected from 70 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs. Some of the samples at deeper depths were archived pending analytical results.
- Forty-six composite soil samples and five composite duplicate soil samples were analyzed for organochlorine pesticides (OCPs) by EPA Method 8081A to evaluate the possible impacts to soil from historical agricultural operations and the use of termiticides around buildings pre-dating 1978.
- Thirty-two discrete soil samples and three duplicate soil samples were analyzed for possible impacts to soil from the weathering of caulking and/or sealants containing PCBs adjacent to buildings pre-dating 1978 and to evaluate potential soil impacts from two on-site transformers.
- Eight discrete soil samples and one duplicate soil sample were analyzed for arsenic by EPA Method 6010B to evaluate potential impacts to soil from historical agricultural operations.
- Fifty-six discrete soil samples and six duplicate samples were analyzed for lead by EPA Method 6010B to evaluate potential impacts to soil from historical agricultural operations and for the weathering of lead-based paint around buildings pre-dating 1978.
- After conducting the investigation derived waste removal at two locations on November 20, 2023, two bottom soil samples at depths of 2.5 feet to 3.5 feet bgs and eight sidewall samples at a depth of 0.5 feet bgs were collected and analyzed for lead by EPA Method 8010B. Additional excavation was conducted on December 4, 2023 to remove lead-impacted soil from the north sidewall of B-16 and an additional soil sample was collected to verify that all soil remaining at this location had lead concentrations below 80 mg/kg.

The results of the field program are summarized below:

- Composite soil samples were collected in the open field area and within two feet of the buildings that predated 1978 for the presence of OCPs. Cis- and trans-chlordane, 4.4-DDE, and heptachlor epoxide were detected at maximum concentrations of 0.14 mg/kg, 0.99 mg/kg, 0.013 mg/kg, and 0.017 mg/kg. These concentrations were below USEPA RSLs as adjusted for composite samples but were carried forward for the screening level risk assessment. Table 2 provides a summary of the OCP concentrations in soil at the site.

- All soil samples analyzed for PCBs had concentrations below the laboratory detection limits with the following exception. One of the duplicate samples next to one of the on-site transformers had a PCB concentration of 0.14 mg/kg. However, the laboratory qualified the result and said that due to weathering, this sample did not match any of the laboratory Arochlor standards and therefore there was uncertainty regarding the result. The original sample at this location had non-detect concentrations of PCBs. Because weathered PCB congeners do not have USEPA RSLs or DTSC SLs, this result was not carried forward as part of the screening assessment. The PCB analytical results are summarized in Table 3.

- Arsenic concentrations ranged from ND (below laboratory detection limits) to 4.73 g/kg and were comparable to two background data sets collected from school sites in close proximity to the project site. The background sites are in the same geologic formation as the project site (Dawson, 2009) and also have the same soil type: San Joaquin silt loam (USDA, 2024). Arsenic results are summarized in Table 4 and the background arsenic concentrations are provided in Table 5.

- Lead was detected in all 61 soil samples, as summarized in Table 4. The two soil samples that exceeded 100 mg'kg were part of an IDW action, which is described in detail in Appendix D. Although there are three remaining locations on site where lead concentrations exceed the DTSC threshold of 80 mg.kg, all of the upper one to two feet of soil will be removed as part of the grading activities at the site. Also, the 95% UCL for soil remaining in place is 34.6 mg/kg and is below the 80 mg/kg threshold for residential soil. The lead results are summarized in Table 4, and the UCL data sheets are in the back of Appendix C.

- The human health risk screening showed that chemical concentrations would not be a risk to human health or the environment under an unrestricted residential land use scenario. In addition, the upper one to two feet of soil across the entire school site will be removed as part of the grading process.

- Laboratory data obtained were validated to assure that Data Quality Objectives (DQOs) were met, and the data were suitable for use in a human health and ecological screening evaluation.

13.3 RECOMMENDATIONS

The PEA Workplan was implemented in accordance with DTSC's PEA Guidance Manual (2015) and field direction from DTSC to determine if there were potential health impacts due to former agricultural use and prior termiticide, lead-based paint, and PCB usage at the site. All soil at the site with lead concentrations in excess of 100 mg/kg was removed as part of the IDW action documented in Appendix D. Chemicals of concern (COCs) included OCPs (cis- and trans-chlordane, 4,4-DDE, and heptachlor epoxide) at concentrations below USEPA RSLs and DTSC SLs. The human health risk screening assessment showed that the site does not pose a threat to human health or the environment under an unrestricted residential land use scenario. In addition, all soil within the upper one to two feet at the site will be removed as part of the grading operations. Therefore, no COCs or lead-impacted soil will remain on the site.

Per California Education Code Section 17213.1, neither a release of a hazardous material nor the presence of a naturally occurring hazardous material which would post a threat to public health or the environment under unrestricted land use was indicated at the site. Therefore, PlaceWorks concludes that further assessment of the site is not required and is requesting that DTSC approve the PEA.

14. References

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18. United States Department of Agriculture (USDA), Natural Resources Conservation Service, 2024. https://websoilsurvey.nrcs.usda.gov/app/.

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22. USEPA, 2020. National Functional Guidelines for Organic Superfund Methods Data Review. USEPA Document No. EPA 540-R-20-005.

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15. Signature and Qualifications of PEA Preparers

The following PlaceWorks employees were involved in the preparation of the PEA Report and implementation of the PEA Workplan:

- Dr. Cathleen Fitzgerald, P.E. 39541
  Project Engineer – preparation of the PEA Report and data validation
- Mike Watson, PG 8177
  Project Geologist – preparation of the PEA Workplan
- Miles Barker, Field Technician
  HAZWOPER certified – collection of soil samples

The lead-impacted soil for the IDW action was transported offsite by Belshire Environmental, DTSC Registered Hazardous Waste Transporter No. 5019.

I declare that, to the best of my professional knowledge and belief, I meet the definition of an environmental professional as defined in the California Education Code, Section 17210, subsection (b) and have the required experience.

15. Signature and Qualifications of PEA Preparers

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Appendix

Tables

Appendix

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TABLE 1
SOIL SAMPLING AND ANALYSIS PROGRAM
Oak Ridge Elementary School Rebuild Project
Sacramento City Unified School District
Sacramento, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A Organochlorine Pesticides	EPA 8082 Polychlorinated Biphenyls	EPA 6010B Arsenic	EPA 6010B Lead
A-1, A-6	0' - 0.5'	Former Agriculture	C		2D (A-1, A-6)	2D (A-1, A-6)
	2.5' - 3.0'		-		-	-
A-1 DUP, A-6 DUP	0' - 0.5'	Duplicate	C DUP		D DUP (A-1 DUP)	2D DUP (A-1 DUP, A-6 DUP)
	2.5' - 3.0'		-		-	-
A-2, A-3	0' - 0.5'	Former Agriculture	C		2D (A-2, A-3)	2D (A-2, A-3)
	2.5' - 3.0'		-		-	-
A-4, A-5	0' - 0.5'	Former Agriculture	C		2D (A-4, A-5)	2D (A-4, A-5)
	2.5' - 3.0'		-		-	-
A-7, A-8	0' - 0.5'	Former Agriculture	C		2D (A-7, A-8)	2D (A-7, A-8)
	2.5' - 3.0'		-		-	-
B-1, B-2, B-3	0' - 0.5'	Existing Building	C	3D (B-1, B-2, B-3)		3D (B-1, B-2, B-3)
	2.5' - 3.0'	Predating 1978	C	-		-
B-4, B-5, B-6	0' - 0.5'	Existing Building	C	3D (B-4, B-5, B-6)		3D (B-4, B-5, B-6)
	2.5' - 3.0'	Predating 1978	C			-
B-7, B-8	0' - 0.5'	Existing Building	C	2D (B-7, B-8)		2D (B-7, B-8)
	2.5' - 3.0'	Predating 1978	C	-		-
B-7 DUP, B-8 DUP	0' - 0.5'	Duplicate	C DUP	2D DUP (B-7 DUP, B-8 DUP)		2D DUP (B-7 DUP, B-8 DUP)
	2.5' - 3.0'		C DUP	-		-
B-9, B-10	0' - 0.5'	Existing Building	C	2D (B-9, B-10)		2D (B-9, B-10)
	2.5' - 3.0'	Predating 1978	C	-		-
B-9 DUP, B-10 DUP	0' - 0.5'	Duplicate	C DUP			2D DUP (B-9 DUP, B-10 DUP)
	2.5' - 3.0'		C DUP			-
B-11, B-12, B-13	0' - 0.5'	Existing Building	C	3D (B-11, B-12, B-13)		3D (B-11, B-12, B-13)
	2.5' - 3.0'	Predating 1978	C	-		-
B-14, B-15	0' - 0.5'	Existing Building	C	2D (B-14, B-15)		2D (B-14, B-15)
	2.5' - 3.0'	Predating 1978	C	-		-
B-16, B-17, B-18	0' - 0.5'	Existing Building	C	3D (B-16, B-17, B-18)		3D (B-16, B-17, B-18)
	2.5' - 3.0'	Predating 1978	C	-		-
B-19, B-20, B-21	0' - 0.5'	Existing Building	C	D (B-19)		3D (B-19, B-20, B-21)
	2.5' - 3.0'	Predating 1978	C	-		-
B-22, B-23, B-24	0' - 0.5'	Existing Building	C	3D (B-22, B-23, B-24)		3D (B-22, B-23, B-24)
	2.5' - 3.0'	Predating 1978	C	-		-
B-25, B-26, B-27	0' - 0.5'	Existing Building	C	D (B-25)		3D (B-25, B-26, B-27)
	2.5' - 3.0'	Predating 1978	C	-		-
B-28, B-29, B-30	0' - 0.5'	Existing Building	C	3D (B-28, B-29, B-30)		3D (B-28, B-29, B-30)
	2.5' - 3.0'	Predating 1978	C	-		-
B-31, B-32, B-33	0' - 0.5'	Existing Building	C	2D (B-31, B-32)		3D (B-31, B-32, B-33)
	2.5' - 3.0'	Predating 1978	C	-		-
B-34, B-35, B-36	0' - 0.5'	Existing Building	C			3D (B-34, B-35, B-36)
	2.5' - 3.0'	Predating 1978	C			-
B-37, B-38, B-39	0' - 0.5'	Existing Building	C			3D (B-37, B-38, B-39)
	2.5' - 3.0'	Predating 1978	C			-
B-40, B-41, B-42, B-43	0' - 0.5'	Existing Building	C	2D (B-40, B-41)		4D (B-40, B-41, B-42, B-43)
	2.5' - 3.0'	Predating 1978	C	-		-
B-44, B-45	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-46, B-47, B-48	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-49, B-50, B-51	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-52, B-53, B-54	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-55, B-56, B-57	0' - 0.5'	Former Building Predating	C			3D (B-55, B-56, B-57)
	2.5' - 3.0'	1947	C			-
B-58, B-59, B-60	0' - 0.5'	Former Building Predating	C			3D (B-58, B-59, B-60)
	2.5' - 3.0'	1947	C			-
T-1	0' - 0.5'	Pad-Mounted		D		
	2.5' - 3.0'	Transformer		-		
T-1 DUP	0' - 0.5'	Duplicate		D DUP		
	2.5' - 3.0'			-		
T-2	0' - 0.5'	Pole-Mounted		D		
	2.5' - 3.0'	Transformer		-		
2 EB	NA	Quality Control	2D	2D	1D	2D
TOTAL			**46 C, 5 C DUP, 2 EB**	**32 D, 3 D DUP, 2 EB**	**8 D, 1 DUP, 1 EB**	**56 D, 6 D DUPs, 2 EB**

Notes:
No lead samples are proposed for B-44 through B-54 due to the building being surrounded with hardscape.
C = Composite Sample; D = Discrete Sample; - Sample will be archived for possible future analysis;
DUP = Duplicate; EB = Equipment Blank
Field duplicates will be collected at a frequency of approximately 10 percent of the primary samples collected.
Equipment blanks will be collected at a frequency of one per day of field activities.

TABLE 2
SUMMARY TABLE OF ORGANOCHLORINE PESTICIDES (OCPs) IN SOIL
Oak Ridge Elementary School
Sacramento City Unified School District
Sacramento, California

			Concentration milligrams per kilogram (mg/kg)													
Sample Number	**Sample Location**	**Sample Date**	**Aldrin**	**alpha-BHC**	**beta-BHC**	**gamma-BHC**	**cis-Chordane**	**trans-Chlordane**	**4,4'-DDD**	**4,4'-DDE**	**4,4'-DDT**	**Dieldrin**	**Endrin**	**Heptachlor**	**Heptachlor epoxide**	**Toxaphene**
Composite A-1,A-6 @0.5'	Field north of bldg - former ag use	10/4/2023	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.025
Composite A-1DUP,A-6DUP @0.5'	Field north of bldg - former ag use	10/4/2023	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.025
Composite A-2, A-3 @0.5'	Eastern Field - historic ag use	10/4/2023	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.025
Composite A-4, A-5 @0.5'	Eastern Field - historic ag use	10/4/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite A-7, A-8 @0.5'	Eastern Field - historic ag use	10/4/2023	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.025
Composite B-1, B-2, B-3 @0.5'	North side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	**0.019**	**0.012**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B-1, B-2, B3 @2.5'	North side of main building	10/3/2023	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.025
Composite B-4, B-5, B-6 @0.5'	North side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	**0.0066**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B-4, B-5, B-6 @2.5'	North side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B-7, B-8 @0.5'	East side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	**0.095**	**0.068**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.012**	<0.025
Composite B-7, B-8 @2.5'	East side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B-7DUP, B-8DUP @0.5'	East side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	**0.140**	**0.099**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.017**	<0.025
Composite B-9, B-10 @0.5'	East side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	**0.0065**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B-9, B-10 @2.5'	East side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B-9DUP, B-10DUP @0.5'	East side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	**0.0077**	**0.0074**	<0.0050	<0.0050	<0.0050	**0.024**	**0.0056** p	<0.0050	<0.0050	<0.025
Discrete B-9 @0.5'	East side of main building	10/3/2023	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.025
Discrete B-10 @0.5'	East side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B-9DUP, B-10DUP @2.5'	East side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B11, B12, B13 @0.5'	South side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	**0.012**	**0.0075**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B11, B12, B13 @2.5'	South side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B14, B15 @0.5'	South side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B14, B15 @2.5'	South side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B16, B17, B-18 @0.5'	Southwest side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	**0.029**	**0.019**	<0.0050	**0.013**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B16, B17, B-18 @2.5'	Southwest side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B19, B20, B21 @0.5'	Southwest side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	**0.042**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.0063**	<0.025
Composite B19, B20, B21 @2.5'	Southwest side of main building	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B22, B23, B24 @0.5'	North side of portable restrooms	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B22, B23, B24 @2.5'	North side of portable restrooms	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B25, B26, B27 @0.5'	North and east side - portabel restrooms	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B25, B26, B27 @2.5'	North and east side - portabel restrooms	10/3/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B28, B29, B30 @0.5'	North side of portables	10/5/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B28, B29, B30 @2.5'	North side of portables	10/5/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B31, B32, B33 @ 0.5'	North side of portables	10/5/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B31, B32, B33 @2.5'	North side of portables	10/5/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B34, B35, B36 @ 0.5'	West side of southwest building	10/5/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B34, B35, B36 @2.5'	West side of southwest building	10/5/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B37, B38, B39 @0.5'	West side of southwest building	10/5/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B37, B38, B39 @2.5'	West side of southwest building	10/5/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B40, B41, B42, B43 @0.5'	Small structure east of playground	10/5/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B44, B45 @ 0.5'	North side of southern portables	10/4/2023	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.025
Composite B44, B45 @2.5'	North side of southern portables	10/4/2023	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.025
Composite B46, B47, B48 @ 0.5'	North side of southern portables	10/4/2023	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.025
Composite B46, B47, B48 @2.5'	North side of southern portables	10/4/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B49, B50, B51 @ 0.5'	South side of southern portables	10/4/2023	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.025
Composite B49, B50, B51 @2.5'	South side of southern portables	10/4/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B52, B53, B54 @0.5'	South and west side of southern portables	10/4/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B52, B53, B54 @2.5'	South and west side of southern portables	10/4/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B55, B56, B57 @0.5'	Former farm house - eastern field	10/4/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B55, B56, B57 @2.5'	Former farm house - eastern field	10/4/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B58, B59, B60 @0.5'	Former farm house - eastern field	10/4/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Composite B58, B59, B60 @2.5'	Former farm house - eastern field	10/4/2023	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025
Maximum Concentration Detected			ND	ND	ND	ND	**0.14**	**0.099**	ND	**0.013**	ND	ND*	ND*	ND	**0.017**	ND
Equipment Blank			Concentration micrograms per liter (µg/l)													
EB1042023		10/4/2023	<0.021	<0.0084	<0.032	<0.0084	<0.021	<0.063	<0.042	<0.021	<0.021	<0.021	<0.021	<0.0084	<0.042	<0.42
EB1052023		10/5/2023	<0.022	<0.0087	<0.033	<0.0087	<0.022	<0.066	<0.044	<0.022	<0.022	<0.022	<0.022	<0.0087	<0.044	<0.44
			Concentration micrograms per kilogram (mg/kg)													
EPA Region 9 RSL or DTSC-SL			0.039	0.086	0.3	0.57	1.7	1.7	2.3	2	1.9	0.034	--	0.13	0.07	0.45
RSL or DTSC-SL adjusted for 2 samples in composite			0.0195	0.043	0.15	0.285	0.85	0.85	1.15	1.00	0.95	0.017	--	0.065	0.035	0.225
RSL or DTSC-SL adjusted for 3 samples in composite			0.013	0.029	0.10	0.190	0.57	0.57	0.77	0.67	0.63	0.011	--	0.043	0.023	0.15
RSLor DTSC-SL adjusted for 4 samples in composite			0.010	0.022	0.075	0.143	0.43	0.43	0.58	0.50	0.48	0.009	--	0.033	0.018	0.1125
EPA Region 9 RSL or DTSC-SL			RSL	RSL	RSL	RSL	RSL	RSL	RSL	RSL	RSL	RSL	--	RSL	RSL	DTSC-SL

Notes:

Samples analyzed by EPA Method 8081A.

The complete laboratory analytical reports are included in Appendix C.

< - Non detect at the established method detection limit.

*ND - Although dieldrin at a concentration of 0.024 mg/kg and endrin at 0.0056 mg/kg were detected in the duplicate composite sample, the discrete duplicate samples analyzed at this location has non-detect concentrations for all OCPs as well as the original sample.

Technical chlordane used as RSL for cis-chlordane and trans-chlordane

EPA = Environmental Protection Agency, RSL = Regional Screening Levels, dated November 2023

TABLE 3
SUMMARY TABLE OF POLYCHLORINATED BIPHENYLS (PCBS)
Oak Ridge Elementary School
Scaramento City Unified School District
Sacramento, California

			Concentration milligrams per kilogram (mg/kg)						
Sample Number	**Sample Location**	**Sample Date**	**PCB 1016**	**PCB 1221**	**PCB 1232**	**PCB 1242**	**PCB 1248**	**PCB 1254**	**PCB 1260**
B-1 @ 0.5'	North side of main building	10/3/2023	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052
B-2 @ 0.5'	North side of main building	10/3/2023	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052
B-3 @ 0.5'	North side of main building	10/3/2023	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052
B-4 @ 0.5'	North side of main building	10/3/2023	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052
B-5 @ 0.5'	North side of main building	10/3/2023	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052
B-6 @ 0.5'	North side of main building	10/3/2023	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
B-7 @ 0.5'	East side of main building	10/3/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
B-7DUP @ 0.5'	East side of main building	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-8 @ 0.5'	East side of main building	10/3/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
B-8DUP @ 0.5'	East side of main building	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-9 @ 0.5'	East side of main building	10/3/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
B-10 @ 0.5'	East side of main building	10/3/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
B-11 @ 0.5'	South side of main building	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-12 @ 0.5'	South side of main building	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-13 @ 0.5'	South side of main building	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-14 @ 0.5'	South side of main building	10/3/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
B-15 @ 0.5'	South side of main building	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-16 @ 0.5'	South side of main building	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-17 @ 0.5'	South side of main building	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-18 @ 0.5'	West side of main building	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-19 @ 0.5'	West side of main building	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-22 @ 0.5'	North side of portable restrooms	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-23 @ 0.5'	North side of portable restrooms	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-24 @ 0.5'	North side of portable restrooms	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-25 @ 0.5'	North side of portable restrooms	10/3/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
B-28 @ 0.5'	North side of eastern portables	10/5/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
B-29 @ 0.5'	North side of eastern portables	10/5/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
B-30 @ 0.5'	North side of eastern portables	10/5/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
B-31 @ 0.5'	North side of eastern portables	10/5/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
B-32 @ 0.5'	North side of eastern portables	10/5/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
B-40 @ 0.5'	West side of structure east of playground	10/5/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
B-41 @ 0.5'	West side of structure east of playground	10/5/2023	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
T-1 @ 0.5'	Pad-mounted transformer north of main bldg	10/3/2023	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052
T-1DUP @ 0.5'	Pad-mounted transformer north of main bldg	10/3/2023	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052	**0.14***
T-2 @ 0.5'	Pole-mounted transformer along south boundary	10/4/2023	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
Equipment Blank			micrograms per liter						
EB		10/4/2023	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	**3.5**
EB		10/5/2023	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
EPA Region 9 RSL for PCBs			6.6	0.20	0.17	0.23	0.23	0.24	0.24

Notes:

Samples analyzed by EPA Method 8082

The complete laboratory analytical reports are included in Appendix C.

EPA - Environmental Protection Agency; RSL - Regional Screening Level, May 2023

No DTSC SLs are published for PCBs (HHRA Note 3, revised May 2022; therefore, RSLs are used in this table

*The laboratory reported that this value could not be substantiated due to weathering and didn't correspond to any of the laboratory Arochlor standards. Because the discrete samples were non-detect as well as the original sample at this location, this value was not carried forward to the human health screening evaluation.

TABLE 4
SUMMARY TABLE OF LEAD AND ARSENIC IN SOIL
Oak Ridge Elementary School
Sacramento City Unified School District
Sacramento, California

			Concentration milligrams per kilogram (mg/kg)	
Sample Number	**Sample Locations**	**Sample Date**	**Lead**	**Arsenic**
A-1 @ 0.5'	Field north of bldg - former ag use	10/4/2023	75.9	<2.98
A-1DUP @ 0.5'	Field north of bldg - former ag use	10/4/2023	**89.7**	3.07
A-2 @ 0.5'	Eastern Field - historic ag use	10/4/2023	20.6	3.39
A-3 @ 0.5'	Eastern Field - historic ag use	10/4/2023	34.7	3.18
A-4 @ 0.5'	Eastern Field - historic ag use	10/4/2023	13.9	3.73
A-5 @ 0.5'	Eastern Field - historic ag use	10/4/2023	16.6	<2.99
A-6 @ 0.5'	Eastern Field - historic ag use	10/4/2023	14.8	4.18
A-6DUP @ 0.5'	Eastern Field - historic ag use	10/4/2023	17.8	4.11
A-7 @ 0.5'	Eastern Field - historic ag use	10/4/2023	14.9	4.73
A-8 @ 0.5'	Eastern Field - historic ag use	10/4/2023	20.9	4.02
B-1 @ 0.5'	North side of main building	10/3/2023	24.0	NA
B-2 @ 0.5'	North side of main building	10/3/2023	22.4	NA
B-3 @ 0.5'	North side of main building	10/3/2023	51.7	NA
B-4 @ 0.5'	North side of main building	10/3/2023	13.3	NA
B-5 @ 0.5'	North side of main building	10/3/2023	**81.2**	NA
B-6 @ 0.5'	North side of main building	10/3/2023	15.3	NA
B-7 @ 0.5'	East side of main building	10/3/2023	57.1	NA
B-7DUP @ 0.5'	East side of main building	10/3/2023	**81.4**	NA
B-8 @ 0.5'	East side of main building	10/3/2023	27.5	NA
B-8DUP @ 0.5'	East side of main building	10/3/2023	28.6	NA
B-9 @ 0.5'	East side of main building	10/3/2023	18.8	NA
B-9DUP @ 0.5'	East side of main building	10/3/2023	20.1	NA
B-10 @ 0.5'	East side of main building	10/3/2023	13.5	NA
B-10DUP @ 0.5'	East side of main building	10/3/2023	15.2	NA
B-11 @ 0.5'	South side of main building	10/3/2023	10.1	NA
B-12 @ 0.5'	South side of main building	10/3/2023	12.7	NA
B-13 @ 0.5'	South side of main building	10/3/2023	27.3	NA
B-14 @ 0.5'	South side of main building	10/3/2023	10.7	NA
B-15 @ 0.5'	South side of main building	10/3/2023	22.7	NA
~~B-16 @ 0.5'~~	~~South side of main building~~	~~10/3/2023~~	~~**122**~~	NA
B-17 @ 0.5'	Southwest corner of main building	10/3/2023	5.0	NA
B-18 @ 0.5'	West side of main building	10/3/2023	30.5	NA
B-19 @ 0.5'	West side of main building	10/3/2023	20.6	NA
B-20 @ 0.5'	West side of main building	10/3/2023	21.0	NA
B-21 @ 0.5'	West side of main building	10/3/2023	67.6	NA
B-22 @ 0.5'	North side of portable restrooms	10/3/2023	13.9	NA
B-23 @ 0.5'	North side of portable restrooms	10/3/2023	22.4	NA
B-24 @ 0.5'	North side of portable restrooms	10/3/2023	11.8	NA
B-25 @ 0.5'	North side of portable restrooms	10/3/2023	17.6	NA
B-27 @ 0.5'	East side of portable restrooms	10/3/2023	36.7	NA
B-28 @ 0.5'	North side of eastern portables	10/5/2023	15.1	NA
B-29 @ 0.5'	North side of eastern portables	10/5/2023	37.0	NA
B-30 @ 0.5'	North side of eastern portables	10/5/2023	33.1	NA
B-31 @ 0.5'	North side of eastern portables	10/5/2023	42.5	NA
B-32 @ 0.5'	North side of eastern portables	10/5/2023	46.1	NA
B-33 @ 0.5'	North side of eastern portables	10/5/2023	36.9	NA
B-34 @ 0.5'	West side of southwest building	10/5/2023	42.1	NA

TABLE 4
SUMMARY TABLE OF LEAD AND ARSENIC IN SOIL
Oak Ridge Elementary School
Sacramento City Unified School District
Sacramento, California

			Concentration milligrams per kilogram (mg/kg)	
Sample Number	**Sample Locations**	**Sample Date**	**Lead**	**Arsenic**
B-35 @ 0.5'	West side of southwest building	10/5/2023	36.0	NA
B-36 @ 0.5'	West side of southwest building	10/5/2023	22.7	NA
B-37 @ 0.5'	West side of southwest building	10/5/2023	18.8	NA
B-38 @ 0.5'	West side of southwest building	10/5/2023	22.9	NA
B-39 @ 0.5'	West side of southwest building	10/5/2023	34.9	NA
B-40 @ 0.5'	West side of structure east of playground	10/5/2023	19,1	NA
B-41 @ 0.5'	West side of structure east of playground	10/5/2023	8.63	NA
B-42 @ 0.5'	North side of structure east of playground	10/5/2023	7.32	NA
B-43 @ 0.5'	North side of structure east of playground	10/5/2023	8.74	NA
B-55 @ 0.5'	Former farm structure in field	10/4/2023	57.3	NA
~~B-56 @ 0.5'~~	~~Former farm structure in field~~	~~10/4/2023~~	**~~367~~**	NA
B-57 @ 0.5'	Former farm structure in field	10/4/2023	68.9	NA
B-58 @ 0.5'	Former farm structure in field	10/4/2023	39.4	NA
B-59 @ 0.5'	Former farm structure in field	10/4/2023	36.8	NA
B-60 @ 0.5'	Former farm structure in field	10/4/2023	37.8	NA
Equipment Blank			milligrams per liter	
EB		10/4/2023	<0.050	<0.100
EB		10/5/2023	<0.050	<0.100
DTSC Lead Residential Cleanup Level (mg/kg)			80	--

Samples analyzed by EPA Method 6010B NA Not analyzed

The complete laboratory analytical reports are included in Appendix C. 5

Highlighted results exceeded the DTSC screening level of 80 mg/kg for lead.

Strikethrough indicates soil was removed at this location; see Appendix D for results.

TABLE 5
SUMMARY TABLE OF BACKGROUND ARSENIC IN SOIL
Oak Ridge Elementary School
Sacramento City Unified School District
Sacramento, California

Nicholas Elementary School (DTSC Site Code 104896)
Sacramento City Unified School District
Sacramento County, California

		Concentration (mg/kg)
Sample Number	**Sample Date**	**Arsenic**
A-1@0.5'	7/26/2023	ND<3.0
A-1DUP@0.5'	7/26/2023	4.09
A-3@0.5'	7/26/2023	ND<3.02
A-5@0.5'	7/26/2023	4.09
A-8@0.5'	7/26/2023	6.08
A-10@0.5'	7/26/2023	6.46
A-11@0.5'	7/26/2023	3.03
A-16@0.5'	7/26/2023	ND<2.96
A-17@0.5'	7/26/2023	ND<6.00
A-18@0.5'	7/26/2023	ND<2.99
A-19@0.5'	7/26/2023	4.04
Arithmetic Mean Concentration		**4.6**

Chavez-Kemble Elementary School (DTSC Site Code 104870)
Sacramento City Unified School District
Sacramento County, California

		Concentration (mg/kg)
Sample Number	**Sample Date**	**Arsenic**
A-1@0.5'	4/22/2023	4.2
A-1DUP@0.5'	4/22/2023	4.5
A-3@0.5'	4/22/2023	3.9
A-9@0.5'	4/22/2023	3.3
A-13@0.5'	4/22/2023	4.2
A-16@0.5'	4/22/2023	2.9
Arithmetic Mean Concentration		**3.8**

Notes:
Samples analyzed by EPA Method 6010B
Nicholas Elementary School is located about 1.9 miles south-southeast of the project site.
Chavez-Kemble Elementary School is located about 3.2 miles south-southwest of the project site.
All sites are located in the same geological formation (Pleistocene Riverbank) and have similar soil types - San Joaquin silt.

Appendix A. Site Photographs

Appendix

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SITE PHOTOGRAPHS

Existing Main Campus Building and Martin Luther King Jr. Boulevard Entrance

Existing Fields on Eastern Portion of Campus Site

SITE PHOTOGRAPHS

Two original permanent buildings with view looking east

Portable classrooms east of main permanent buildings

Appendix B. Field Notes and Documentation

Appendix

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Location OAK RIDGE ES Date 10/3/23

Project / Client

- ARRIVED TO SITE @ 7:00 AM
- BEGAN SOIL SAMPLING @ 7:40 AM
- FINISHED SOIL SAMPLE COLLECTIONS @ 11:05 AM
- BEGAN CLEAN-UP @ 11:05 TO 11:35 AM
- LEFT SITE @ 11:40 AM
- SAMPLES COLLECTED B-1 – B-27
- SOIL NOTES:
  - SOIL COLLECTED @ 0.5 ft CONSISTED OF SILT LOAM
  - SOIL COLLECTED @ 2.5 ft CONSISTED OF CLAY LOAM

Location OAK RIDGE ES Date 10/4/23

Project / Client

- ARRIVED TO SITE @ 7:00 AM
- BEGAN SOIL SAMPLING @ 7:20 AM
- FINISHED SOIL SAMPLING @ 12:10 PM
- DECON / CLEAN-UP @ 12:20 - 12:50 PM
- LEFT SITE @ 12:55 PM
- SAMPLES COLLECTED B-44 - B-60
- SOIL NOTES
  - SOIL COLLECTED @ 0.5 ft CONSISTED OF SILT LOAM
  - SOIL COLLECTED @ 2.5 ft CONSISTED OF CLAY LOAM

Location OAK RIDGE ES Date 10/5/23

Project / Client

- ARRIVED TO SITE @ 7:00 AM
- BEGAN SOIL SAMPLING @ 7:25 AM
- FINISHED SOIL SAMPLING @ 9:40 AM
- DECON/CLEAN-UP @ 9:55 - 10:20 AM
- LEFT SITE @ 10:25 AM
- SAMPLES COLLECTED B-2 - B-4B
- SOIL NOTES:
  - SOIL COLLECTED @ 0.5' CONSISTED OF SILT LOAM
  - SOIL COLLECTED @ 2.5' CONSISTED OF CLAY LOAM

SAMPLING

LOCATION: OAK RIDGE ES 11/6/23

- ARRIVED TO SITE @ 10:10 AM
- B-16 @ 0.5ft
- B-56 @ 0.5ft
- LEFT SITE @ 11:10 AM

ADDITIONAL SAMPLING

LOCATION: OAK RIDGE ES 11/20/23

- ~~ARRIVED~~ TO SITE @ 10:20 AM
- B-16 SAMPLING LOCATION (SIDE of BUILDING)
  - BEGAN DIGGING W/SHOVEL @ 10:30 AM
  - SOIL REMOVED & PILED TO SIDE
  - DIMENSION OF HOLE: 2.5 Ft X 2.5 Ft X 1.5 Ft
- B-16 BOTTOM SAMPLE @ 1 Ft USING XRF ANALYZER: 11:00 AM
  - XRF ANALYZER READINGS (Pb)
    - 53 ppm
    - 57 ppm

- B-16 (N, S, W, E) SIDEWALL SAMPLES @ 0.5 Ft USING XRF ANALYZER
  - NORTH: 11:25 AM
    - XRF ANALYZER READINGS (Pb)
      - 77 ppm
      - 73 ppm
  - SOUTH: 11:10 AM
    - XRF ANALYZER READINGS (Pb)
      - 60 ppm
      - 55 ppm
  - EAST: 11:15 AM
    - XRF ANALYZER READINGS (Pb)
      - 71 ppm
      - 66 ppm
  - WEST: 11:20 AM
    - XRF ANALYZER READINGS (Pb)
      - 71 ppm
      - 73 ppm
- B-56 SAMPLE LOCATION (OPEN FIELD)
  - EXCAVATOR BEGAN REMOVING SOIL @ 11:45 AM
  - SOIL REMOVED AND PILED TO SIDE
  - DIMENSIONS OF EXCAVATED LOCATION: 3-3.5 Ft X 3-3.5 Ft X 1.5-2 Ft

6 Location OAK RIDGE ES Date 11/20/23

Project / Client

- B-56 BOTTOM SAMPLE @ 2Ft USING XRF ANALYZER : 12:00 PM
  - XRF ANALYZER READINGS (Pb)
    - 34 ppm
    - 44 ppm
- B-56 (N, S, W, E) SIDEWALL SAMPLES @ 0.5Ft USING XRF ANALYZER
  - NORTH: 12:05 PM
  - XRF ANALYZER READINGS (Pb)
    - 55 ppm
    - 61 ppm
  - SOUTH: 12:15 PM
  - XRF ANALYZER READINGS (Pb)
    - 69 ppm
    - 64 ppm
  - EAST: 12:20 PM
  - XRF ANALYZER READINGS (Pb)
    - 65 ppm
    - 70 ppm
  - WEST: 12:10 PM
  - XRF ANALYZER READINGS (Pb)
    - 68 ppm
    - 75 ppm
- LEFT SITE @ 12:30 PM

Location OAK RIDGE ES Date 12/4/23

Project / Client

- ARRIVED TO SITE @ 9:30 AM
- B-16 SAMPLE LOCATION (SIDE OF BUILDING)
- BEGIN DIGGING W/ SHOVEL @ 9:45
- REMOVED APPROXIMATELY 3-6 INCHES X 12 INCHES OF SOIL.
- DUG TO EDGE OF BUILDING - ENCOUNTERED FOOTING - COULDN'T DIG FURTHER.
- B-16 SIDEWALL NORTH : 10:15 AM
- LEFT SITE @ 10:20 AM

FIELD PHOTOGRAPHS

Photograph of Geoprobe drill rig obtaining soil sample next to main school building

Photograph of Geoprobe drill rig obtaining soil sample from portable classrooms along south side of the school site

FIELD PHOTOGRAPHS

Photograph of IDW excavation to remove lead-impacted soil at location B-16

Analyzing soil sample to guide excavation and determine lead concentrations in the field with XRF meter

FIELD PHOTOGRAPHS

Excavation of lead-impacted soil with backhoe at location B-56

Final excavation depth and location of IDW action at B-56 with removal of lead-impacted soil prior to placement in drums.

Appendix C. Laboratory Reports and Chain-of Custody Forms

Laboratory Results for IDW Action are provided in Appendix D

Appendix

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ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764

Generated 10/17/2023 3:16:29 PM Revision 1

JOB DESCRIPTION

Oak Ridge Elementary School / SCUS-08.0

JOB NUMBER

570-155226-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization

Generated
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Revision 1

Authorized for release by
Lori Thompson, Project Manager I
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Table of Contents

Definitions/Glossary

Client: PlaceWorks, Inc. Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: PlaceWorks, Inc. Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Job ID: 570-155226-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-155226-1

Revision
The report being provided is a revision of the original report sent on 10/16/2023. The report (revision 1) is being revised due to: E-flag reported but sample was diluted. Correct dilution has been reported.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/4/2023 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2°C and 2.1°C

Receipt Exceptions
The following sample was listed on the Chain of Custody (COC); however, no sample was received: B-26 @ 0.5' (570-155226-63).

PCBs
Method 8082: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: T-1 DUP @ 0.5' (570-155226-3). The sample(s) has been quantified and reported as Aroclor 1260. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 8081A: The continuing calibration verification (CCV) associated with batch 570-373600 recovered above the upper control limit for Toxaphene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: B-1, B-2, B-3 @ 0.5' Composite (570-155226-68), B-1, B-2, B-3 @ 2.5' Composite (570-155226-69), B-4, B-5, B-6 @ 0.5' Composite (570-155226-70), B-4, B-5, B-6 @ 2.5' Composite (570-155226-71), B-7, B-8 @ 0.5' Composite (570-155226-72), B-7, B-8 @ 2.5' Composite (570-155226-73), B-7 DUP, B-8DUP @ 0.5' Composite (570-155226-74), B-7 DUP, B-8DUP @ 2.5' Composite (570-155226-75) and (570-155765-F-2-J).

Method 8081A: The continuing calibration verification (CCV) associated with batch 570-373824 recovered above the upper control limit for Methoxychlor. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: B-9, B-10 @ 0.5' Composite (570-155226-76), B-9, B-10 @ 2.5' Composite (570-155226-77), B-9 DUP, B-10 DUP @ 0.5' Composite (570-155226-78), B-9 DUP, B-10 DUP @ 2.5' Composite (570-155226-79), B-11, B-12, B-13 @ 0.5' Composite (570-155226-80), B-11, B-12, B-13 @ 2.5' Composite (570-155226-81), B-14, B-15 @ 0.5' Composite (570-155226-82), B-14, B-15 @ 2.5' Composite (570-155226-83), B-16, B-17, B-18 @ 0.5' Composite (570-155226-84), B-16, B-17, B-18 @ 2.5' Composite (570-155226-85) and B-19, B-20, B-21 @ 0.5' Composite (570-155226-86).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Organic Prep

Job ID: 570-155226-1 (Continued)

Laboratory: Eurofins Calscience (Continued)

Method Composite: The following samples could not be composited due to missing sample: B-25 @ 0.5' (570-155226-61), B-26 @ 0.5' (570-155226-63) and B-27 @ 0.5' (570-155226-65). B-26 @ 0.5' (570-155226-63) was not received.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: T-1 @ 0.5'
Lab Sample ID: 570-155226-1

No Detections.

Client Sample ID: T-1 DUP @ 0.5'
Lab Sample ID: 570-155226-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
PCB-1260	140		52		ug/Kg	1		8082	Total/NA

Client Sample ID: B-1 @ 0.5'
Lab Sample ID: 570-155226-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	24.0		2.00		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-1 @ 2.5'
Lab Sample ID: 570-155226-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-2 @ 0.5'
Lab Sample ID: 570-155226-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	22.4		1.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-2 @ 2.5'
Lab Sample ID: 570-155226-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-3 @ 0.5'
Lab Sample ID: 570-155226-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	51.7		2.05		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-3 @ 2.5'
Lab Sample ID: 570-155226-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-4 @ 0.5'
Lab Sample ID: 570-155226-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	13.3		2.01		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-4 @ 2.5'
Lab Sample ID: 570-155226-12

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-5 @ 0.5'
Lab Sample ID: 570-155226-13

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	81.2		1.98		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-5 @ 2.5' — Lab Sample ID: 570-155226-14

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-6 @ 0.5' — Lab Sample ID: 570-155226-15

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	15.3		2.02		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-6 @ 2.5' — Lab Sample ID: 570-155226-16

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-7 @ 0.5' — Lab Sample ID: 570-155226-17

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	57.1		1.95		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-7 @ 2.5' — Lab Sample ID: 570-155226-18

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-7 DUP @ 0.5' — Lab Sample ID: 570-155226-19

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	81.4		1.96		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-7 DUP @ 2.5' — Lab Sample ID: 570-155226-20

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-8 @ 0.5' — Lab Sample ID: 570-155226-21

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	27.5		1.98		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-8 @ 2.5' — Lab Sample ID: 570-155226-22

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-8 DUP @ 0.5' — Lab Sample ID: 570-155226-23

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	28.6		1.98		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-8 DUP @ 2.5' — Lab Sample ID: 570-155226-24

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Job ID: 570-155226-1

Client Sample ID: B-9 @ 0.5' — Lab Sample ID: 570-155226-25

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	18.8		2.00		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-9 @ 2.5' — Lab Sample ID: 570-155226-26

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-9 DUP @ 0.5' — Lab Sample ID: 570-155226-27

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	20.1		1.98		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-9 DUP @ 2.5' — Lab Sample ID: 570-155226-28

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-10 @ 0.5' — Lab Sample ID: 570-155226-29

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	13.5		1.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-10 @ 2.5' — Lab Sample ID: 570-155226-30

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-10 DUP @ 0.5' — Lab Sample ID: 570-155226-31

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	15.2		1.99		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-10 DUP @ 2.5' — Lab Sample ID: 570-155226-32

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-11 @ 0.5' — Lab Sample ID: 570-155226-33

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	10.1		1.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-11 @ 2.5' — Lab Sample ID: 570-155226-34

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-12 @ 0.5' — Lab Sample ID: 570-155226-35

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	12.7		1.98		mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-12 @ 0.5' (Continued) — Lab Sample ID: 570-155226-35

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-12 @ 2.5' — Lab Sample ID: 570-155226-36

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-13 @ 0.5' — Lab Sample ID: 570-155226-37

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	27.3		1.96		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-13 @ 2.5' — Lab Sample ID: 570-155226-38

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-14 @ 0.5' — Lab Sample ID: 570-155226-39

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	10.7		2.00		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-14 @ 2.5' — Lab Sample ID: 570-155226-40

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-15 @ 0.5' — Lab Sample ID: 570-155226-41

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	22.7		1.98		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-15 @ 2.5' — Lab Sample ID: 570-155226-42

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-16 @ 0.5' — Lab Sample ID: 570-155226-43

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	122		1.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-16 @ 2.5' — Lab Sample ID: 570-155226-44

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-17 @ 0.5' — Lab Sample ID: 570-155226-45

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	5.00		1.99		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-17 @ 2.5' — Lab Sample ID: 570-155226-46

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-18 @ 0.5' — Lab Sample ID: 570-155226-47

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	30.5		1.99		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-18 @ 2.5' — Lab Sample ID: 570-155226-48

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-19 @ 0.5' — Lab Sample ID: 570-155226-49

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	20.6		1.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-19 @ 2.5' — Lab Sample ID: 570-155226-50

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-20 @ 0.5' — Lab Sample ID: 570-155226-51

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	21.0		1.95		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-20 @ 2.5' — Lab Sample ID: 570-155226-52

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-21 @ 0.5' — Lab Sample ID: 570-155226-53

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	67.6		2.00		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-21 @ 2.5' — Lab Sample ID: 570-155226-54

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-22 @ 0.5' — Lab Sample ID: 570-155226-55

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	13.9		1.95		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-22 @ 2.5' — Lab Sample ID: 570-155226-56

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-23 @ 0.5' — Lab Sample ID: 570-155226-57

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	22.4		2.01		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-23 @ 2.5' — Lab Sample ID: 570-155226-58

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-24 @ 0.5' — Lab Sample ID: 570-155226-59

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	11.8		1.98		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-24 @ 2.5' — Lab Sample ID: 570-155226-60

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-25 @ 0.5' — Lab Sample ID: 570-155226-61

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	17.6		1.98		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-25 @ 2.5' — Lab Sample ID: 570-155226-62

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-26 @ 2.5' — Lab Sample ID: 570-155226-64

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-27 @ 0.5' — Lab Sample ID: 570-155226-65

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	36.7		1.98		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-27 @ 2.5' — Lab Sample ID: 570-155226-66

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-1, B-2, B-3 @ 0.5' Composite — Lab Sample ID: 570-155226-68

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
cis-Chlordane	19		5.0		ug/Kg	1		8081A	Total/NA
trans-Chlordane	12		5.0		ug/Kg	1		8081A	Total/NA

Client Sample ID: B-1, B-2, B-3 @ 2.5' Composite — Lab Sample ID: 570-155226-69

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-4, B-5, B-6 @ 0.5' Composite — Lab Sample ID: 570-155226-70

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
cis-Chlordane	6.6		5.0		ug/Kg	1		8081A	Total/NA

Client Sample ID: B-4, B-5, B-6 @ 2.5' Composite — Lab Sample ID: 570-155226-71

No Detections.

Client Sample ID: B-7, B-8 @ 0.5' Composite — Lab Sample ID: 570-155226-72

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Heptachlor epoxide	12		5.0		ug/Kg	1		8081A	Total/NA
cis-Chlordane - DL	95		25		ug/Kg	5		8081A	Total/NA
trans-Chlordane - DL	68		25		ug/Kg	5		8081A	Total/NA

Client Sample ID: B-7, B-8 @ 2.5' Composite — Lab Sample ID: 570-155226-73

No Detections.

Client Sample ID: B-7 DUP, B-8DUP @ 0.5' Composite — Lab Sample ID: 570-155226-74

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Heptachlor epoxide	17		5.0		ug/Kg	1		8081A	Total/NA
cis-Chlordane - DL	140		25		ug/Kg	5		8081A	Total/NA
trans-Chlordane - DL	99		25		ug/Kg	5		8081A	Total/NA

Client Sample ID: B-7 DUP, B-8DUP @ 2.5' Composite — Lab Sample ID: 570-155226-75

No Detections.

Client Sample ID: B-9, B-10 @ 0.5' Composite — Lab Sample ID: 570-155226-76

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
cis-Chlordane	6.5		4.9		ug/Kg	1		8081A	Total/NA

Client Sample ID: B-9, B-10 @ 2.5' Composite — Lab Sample ID: 570-155226-77

No Detections.

Client Sample ID: B-9 DUP, B-10 DUP @ 0.5' Composite — Lab Sample ID: 570-155226-78

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
cis-Chlordane	7.7		5.0		ug/Kg	1		8081A	Total/NA
Dieldrin	24		5.0		ug/Kg	1		8081A	Total/NA
Endrin	5.6	p	5.0		ug/Kg	1		8081A	Total/NA
trans-Chlordane	7.4		5.0		ug/Kg	1		8081A	Total/NA

Client Sample ID: B-9 DUP, B-10 DUP @ 2.5' Composite — Lab Sample ID: 570-155226-79

No Detections.

Client Sample ID: B-11, B-12, B-13 @ 0.5' Composite — Lab Sample ID: 570-155226-80

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
cis-Chlordane	12		5.0		ug/Kg	1		8081A	Total/NA
trans-Chlordane	7.5		5.0		ug/Kg	1		8081A	Total/NA

Client Sample ID: B-11, B-12, B-13 @ 2.5' Composite — Lab Sample ID: 570-155226-81

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-14, B-15 @ 0.5' Composite — Lab Sample ID: 570-155226-82

No Detections.

Client Sample ID: B-14, B-15 @ 2.5' Composite — Lab Sample ID: 570-155226-83

No Detections.

Client Sample ID: B-16, B-17, B-18 @ 0.5' Composite — Lab Sample ID: 570-155226-84

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	13		5.0		ug/Kg	1		8081A	Total/NA
cis-Chlordane	29		5.0		ug/Kg	1		8081A	Total/NA
trans-Chlordane	19		5.0		ug/Kg	1		8081A	Total/NA

Client Sample ID: B-16, B-17, B-18 @ 2.5' Composite — Lab Sample ID: 570-155226-85

No Detections.

Client Sample ID: B-19, B-20, B-21 @ 0.5' Composite — Lab Sample ID: 570-155226-86

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
trans-Chlordane	34		5.0		ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	6.3		5.0		ug/Kg	1		8081A	Total/NA
cis-Chlordane - DL	42		15		ug/Kg	3		8081A	Total/NA

Client Sample ID: B-19, B-20, B-21 @ 2.5' Composite — Lab Sample ID: 570-155226-87

No Detections.

Client Sample ID: B-22, B-23, B-24 @ 0.5' Composite — Lab Sample ID: 570-155226-88

No Detections.

Client Sample ID: B-22, B-23, B-24 @ 2.5' Composite — Lab Sample ID: 570-155226-89

No Detections.

Client Sample ID: B-25, B-27 @ 0.5' Composite — Lab Sample ID: 570-155226-90

No Detections.

Client Sample ID: B-25, B-26, B-27 @ 2.5' Composite — Lab Sample ID: 570-155226-91

No Detections.

This Detection Summary does not include radiochemical test results.

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: B-1, B-2, B-3 @ 0.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-68
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
cis-Chlordane	**19**		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
trans-Chlordane	**12**		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 19:36	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/14/23 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*78*		*38 - 148*	*10/11/23 08:22*	*10/14/23 19:36*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*37 - 151*	*10/11/23 08:22*	*10/14/23 19:36*	*1*

Client Sample ID: B-1, B-2, B-3 @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-69
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
4,4'-DDE	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
4,4'-DDT	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
Aldrin	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
alpha-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
cis-Chlordane	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
beta-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
delta-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
Dieldrin	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
Endosulfan I	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
Endosulfan II	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
Endosulfan sulfate	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
Endrin	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
Endrin aldehyde	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
Endrin ketone	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
trans-Chlordane	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
Heptachlor	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1
Methoxychlor	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 19:51	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-1, B-2, B-3 @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-69
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/14/23 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*102*		*38 - 148*	*10/11/23 08:22*	*10/14/23 19:51*	*1*
DCB Decachlorobiphenyl (Surr)	*121*		*37 - 151*	*10/11/23 08:22*	*10/14/23 19:51*	*1*

Client Sample ID: B-4, B-5, B-6 @ 0.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-70
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
cis-Chlordane	**6.6**		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:19	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/14/23 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*73*		*38 - 148*	*10/11/23 08:22*	*10/14/23 20:19*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*37 - 151*	*10/11/23 08:22*	*10/14/23 20:19*	*1*

Client Sample ID: B-4, B-5, B-6 @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-71
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-4, B-5, B-6 @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-71
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:33	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/14/23 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*83*		*38 - 148*	*10/11/23 08:22*	*10/14/23 20:33*	*1*
DCB Decachlorobiphenyl (Surr)	*99*		*37 - 151*	*10/11/23 08:22*	*10/14/23 20:33*	*1*

Client Sample ID: B-7, B-8 @ 0.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-72
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Heptachlor epoxide	**12**		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 20:47	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/14/23 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*82*		*38 - 148*	*10/11/23 08:22*	*10/14/23 20:47*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*37 - 151*	*10/11/23 08:22*	*10/14/23 20:47*	*1*

Client Sample ID: B-7, B-8 @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-73
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
4,4'-DDE	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-7, B-8 @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-73
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Aldrin	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
alpha-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
cis-Chlordane	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
beta-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
delta-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Dieldrin	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Endosulfan I	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Endosulfan II	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Endosulfan sulfate	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Endrin	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Endrin aldehyde	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Endrin ketone	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
trans-Chlordane	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Heptachlor	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Methoxychlor	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:02	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/14/23 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*89*		*38 - 148*	*10/11/23 08:22*	*10/14/23 21:02*	*1*
DCB Decachlorobiphenyl (Surr)	*104*		*37 - 151*	*10/11/23 08:22*	*10/14/23 21:02*	*1*

Client Sample ID: B-7 DUP, B-8DUP @ 0.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-74
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Heptachlor epoxide	**17**		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/14/23 21:16	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/14/23 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*76*		*38 - 148*	*10/11/23 08:22*	*10/14/23 21:16*	*1*

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-7 DUP, B-8DUP @ 0.5' Composite **Lab Sample ID: 570-155226-74**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*37 - 151*	*10/11/23 08:22*	*10/14/23 21:16*	*1*

Client Sample ID: B-7 DUP, B-8DUP @ 2.5' Composite **Lab Sample ID: 570-155226-75**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
4,4'-DDE	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
4,4'-DDT	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Aldrin	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
alpha-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
cis-Chlordane	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
beta-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
delta-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Dieldrin	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Endosulfan I	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Endosulfan II	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Endosulfan sulfate	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Endrin	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Endrin aldehyde	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Endrin ketone	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
trans-Chlordane	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Heptachlor	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Methoxychlor	ND		4.9		ug/Kg		10/11/23 08:22	10/14/23 21:30	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/14/23 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*73*		*38 - 148*	*10/11/23 08:22*	*10/14/23 21:30*	*1*
DCB Decachlorobiphenyl (Surr)	*87*		*37 - 151*	*10/11/23 08:22*	*10/14/23 21:30*	*1*

Client Sample ID: B-9, B-10 @ 0.5' Composite **Lab Sample ID: 570-155226-76**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
4,4'-DDE	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
4,4'-DDT	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
Aldrin	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
alpha-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
cis-Chlordane	**6.5**		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
beta-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
delta-BHC	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
Dieldrin	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
Endosulfan I	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
Endosulfan II	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
Endosulfan sulfate	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
Endrin	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
Endrin aldehyde	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-9, B-10 @ 0.5' Composite **Lab Sample ID: 570-155226-76**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
trans-Chlordane	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
Heptachlor	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
Methoxychlor	ND		4.9		ug/Kg		10/11/23 08:22	10/15/23 00:33	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/15/23 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*77*		*38 - 148*	*10/11/23 08:22*	*10/15/23 00:33*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*37 - 151*	*10/11/23 08:22*	*10/15/23 00:33*	*1*

Client Sample ID: B-9, B-10 @ 2.5' Composite **Lab Sample ID: 570-155226-77**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 00:48	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/15/23 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*72*		*38 - 148*	*10/11/23 08:22*	*10/15/23 00:48*	*1*
DCB Decachlorobiphenyl (Surr)	*73*		*37 - 151*	*10/11/23 08:22*	*10/15/23 00:48*	*1*

Client Sample ID: B-9 DUP, B-10 DUP @ 0.5' Composite **Lab Sample ID: 570-155226-78**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-9 DUP, B-10 DUP @ 0.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-78
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
cis-Chlordane	**7.7**		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Dieldrin	**24**		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Endrin	**5.6**	**p**	5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
trans-Chlordane	**7.4**		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:02	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/15/23 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*75*		*38 - 148*	*10/11/23 08:22*	*10/15/23 01:02*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*37 - 151*	*10/11/23 08:22*	*10/15/23 01:02*	*1*

Client Sample ID: B-9 DUP, B-10 DUP @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-79
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:16	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/15/23 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*79*		*38 - 148*	*10/11/23 08:22*	*10/15/23 01:16*	*1*

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-9 DUP, B-10 DUP @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-79
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*37 - 151*	*10/11/23 08:22*	*10/15/23 01:16*	*1*

Client Sample ID: B-11, B-12, B-13 @ 0.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-80
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
cis-Chlordane	**12**		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
trans-Chlordane	**7.5**		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:30	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/15/23 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*82*		*38 - 148*	*10/11/23 08:22*	*10/15/23 01:30*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*37 - 151*	*10/11/23 08:22*	*10/15/23 01:30*	*1*

Client Sample ID: B-11, B-12, B-13 @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-81
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-11, B-12, B-13 @ 2.5' Composite **Lab Sample ID: 570-155226-81**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:45	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/15/23 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*88*		*38 - 148*	*10/11/23 08:22*	*10/15/23 01:45*	*1*
DCB Decachlorobiphenyl (Surr)	*91*		*37 - 151*	*10/11/23 08:22*	*10/15/23 01:45*	*1*

Client Sample ID: B-14, B-15 @ 0.5' Composite **Lab Sample ID: 570-155226-82**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 01:59	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/15/23 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*81*		*38 - 148*	*10/11/23 08:22*	*10/15/23 01:59*	*1*
DCB Decachlorobiphenyl (Surr)	*94*		*37 - 151*	*10/11/23 08:22*	*10/15/23 01:59*	*1*

Client Sample ID: B-14, B-15 @ 2.5' Composite **Lab Sample ID: 570-155226-83**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-14, B-15 @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-83
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:13	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/15/23 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*86*		*38 - 148*	*10/11/23 08:22*	*10/15/23 02:13*	*1*
DCB Decachlorobiphenyl (Surr)	*99*		*37 - 151*	*10/11/23 08:22*	*10/15/23 02:13*	*1*

Client Sample ID: B-16, B-17, B-18 @ 0.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-84
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
4,4'-DDE	**13**		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
cis-Chlordane	**29**		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
trans-Chlordane	**19**		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:27	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/15/23 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*83*		*38 - 148*	*10/11/23 08:22*	*10/15/23 02:27*	*1*

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-16, B-17, B-18 @ 0.5' Composite **Lab Sample ID: 570-155226-84**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*96*		*37 - 151*	*10/11/23 08:22*	*10/15/23 02:27*	*1*

Client Sample ID: B-16, B-17, B-18 @ 2.5' Composite **Lab Sample ID: 570-155226-85**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:42	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/15/23 02:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*101*		*38 - 148*	*10/11/23 08:22*	*10/15/23 02:42*	*1*
DCB Decachlorobiphenyl (Surr)	*107*		*37 - 151*	*10/11/23 08:22*	*10/15/23 02:42*	*1*

Client Sample ID: B-19, B-20, B-21 @ 0.5' Composite **Lab Sample ID: 570-155226-86**
Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-19, B-20, B-21 @ 0.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-86
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
trans-Chlordane	**34**		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Heptachlor epoxide	**6.3**		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:22	10/15/23 02:56	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:22	10/15/23 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*58*		*38 - 148*	*10/11/23 08:22*	*10/15/23 02:56*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*37 - 151*	*10/11/23 08:22*	*10/15/23 02:56*	*1*

Client Sample ID: B-19, B-20, B-21 @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-87
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Aldrin	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Endrin	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 23:51	1
Toxaphene	ND		25		ug/Kg		10/11/23 16:40	10/12/23 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*82*		*38 - 148*	*10/11/23 16:40*	*10/12/23 23:51*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*37 - 151*	*10/11/23 16:40*	*10/12/23 23:51*	*1*

Client Sample ID: B-22, B-23, B-24 @ 0.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-88
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
4,4'-DDE	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
4,4'-DDT	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Aldrin	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
alpha-BHC	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-22, B-23, B-24 @ 0.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-88
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
beta-BHC	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
delta-BHC	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Dieldrin	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Endosulfan I	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Endosulfan II	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Endosulfan sulfate	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Endrin	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Endrin aldehyde	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Endrin ketone	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
trans-Chlordane	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Heptachlor	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Methoxychlor	ND		4.9		ug/Kg		10/11/23 16:40	10/13/23 00:06	1
Toxaphene	ND		25		ug/Kg		10/11/23 16:40	10/13/23 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*80*		*38 - 148*	*10/11/23 16:40*	*10/13/23 00:06*	*1*
DCB Decachlorobiphenyl (Surr)	*87*		*37 - 151*	*10/11/23 16:40*	*10/13/23 00:06*	*1*

Client Sample ID: B-22, B-23, B-24 @ 2.5' Composite
Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-89
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Aldrin	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Endrin	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:20	1
Toxaphene	ND		25		ug/Kg		10/11/23 16:40	10/13/23 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*84*		*38 - 148*	*10/11/23 16:40*	*10/13/23 00:20*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*37 - 151*	*10/11/23 16:40*	*10/13/23 00:20*	*1*

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: B-25, B-27 @ 0.5' Composite
Lab Sample ID: 570-155226-90
Date Collected: 10/03/23 00:00
Matrix: Solid
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Aldrin	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Endrin	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:34	1
Toxaphene	ND		25		ug/Kg		10/11/23 16:40	10/13/23 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*67*		*38 - 148*	*10/11/23 16:40*	*10/13/23 00:34*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*37 - 151*	*10/11/23 16:40*	*10/13/23 00:34*	*1*

Client Sample ID: B-25, B-26, B-27 @ 2.5' Composite
Lab Sample ID: 570-155226-91
Date Collected: 10/03/23 00:00
Matrix: Solid
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
Aldrin	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
Endrin	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 16:40	10/13/23 00:49	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-25, B-26, B-27 @ 2.5' Composite
Lab Sample ID: 570-155226-91
Date Collected: 10/03/23 00:00
Matrix: Solid
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		25		ug/Kg		10/11/23 16:40	10/13/23 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*64*		*38 - 148*	*10/11/23 16:40*	*10/13/23 00:49*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*37 - 151*	*10/11/23 16:40*	*10/13/23 00:49*	*1*

Method: SW846 8081A - Organochlorine Pesticides (GC) - DL

Client Sample ID: B-7, B-8 @ 0.5' Composite
Lab Sample ID: 570-155226-72
Date Collected: 10/03/23 00:00
Matrix: Solid
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	95		25		ug/Kg		10/11/23 08:22	10/15/23 04:50	5
trans-Chlordane	68		25		ug/Kg		10/11/23 08:22	10/15/23 04:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*80*		*38 - 148*	*10/11/23 08:22*	*10/15/23 04:50*	*5*
DCB Decachlorobiphenyl (Surr)	*100*		*37 - 151*	*10/11/23 08:22*	*10/15/23 04:50*	*5*

Client Sample ID: B-7 DUP, B-8DUP @ 0.5' Composite
Lab Sample ID: 570-155226-74
Date Collected: 10/03/23 00:00
Matrix: Solid
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	140		25		ug/Kg		10/11/23 08:22	10/15/23 05:04	5
trans-Chlordane	99		25		ug/Kg		10/11/23 08:22	10/15/23 05:04	5

Client Sample ID: B-19, B-20, B-21 @ 0.5' Composite
Lab Sample ID: 570-155226-86
Date Collected: 10/03/23 00:00
Matrix: Solid
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	42		15		ug/Kg		10/11/23 08:22	10/16/23 14:25	3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*52*		*38 - 148*	*10/11/23 08:22*	*10/16/23 14:25*	*3*
DCB Decachlorobiphenyl (Surr)	*56*		*37 - 151*	*10/11/23 08:22*	*10/16/23 14:25*	*3*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: T-1 @ 0.5' **Lab Sample ID: 570-155226-1**
Date Collected: 10/03/23 07:40 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:38	1
PCB-1221	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:38	1
PCB-1232	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:38	1
PCB-1242	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:38	1
PCB-1248	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:38	1
PCB-1254	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:38	1
PCB-1260	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*20 - 120*	*10/07/23 10:19*	*10/09/23 12:38*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*25 - 120*	*10/07/23 10:19*	*10/09/23 12:38*	*1*

Client Sample ID: T-1 DUP @ 0.5' **Lab Sample ID: 570-155226-3**
Date Collected: 10/03/23 07:45 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:56	1
PCB-1221	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:56	1
PCB-1232	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:56	1
PCB-1242	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:56	1
PCB-1248	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:56	1
PCB-1254	ND		52		ug/Kg		10/07/23 10:19	10/09/23 12:56	1
PCB-1260	**140**		52		ug/Kg		10/07/23 10:19	10/09/23 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*20 - 120*	*10/07/23 10:19*	*10/09/23 12:56*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*25 - 120*	*10/07/23 10:19*	*10/09/23 12:56*	*1*

Client Sample ID: B-1 @ 0.5' **Lab Sample ID: 570-155226-5**
Date Collected: 10/03/23 07:50 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:14	1
PCB-1221	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:14	1
PCB-1232	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:14	1
PCB-1242	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:14	1
PCB-1248	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:14	1
PCB-1254	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:14	1
PCB-1260	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*20 - 120*	*10/07/23 10:19*	*10/09/23 13:14*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*25 - 120*	*10/07/23 10:19*	*10/09/23 13:14*	*1*

Client Sample ID: B-2 @ 0.5' **Lab Sample ID: 570-155226-7**
Date Collected: 10/03/23 08:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:32	1
PCB-1221	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:32	1
PCB-1232	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:32	1

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: B-2 @ 0.5' **Lab Sample ID: 570-155226-7**
Date Collected: 10/03/23 08:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:32	1
PCB-1248	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:32	1
PCB-1254	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:32	1
PCB-1260	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*20 - 120*	*10/07/23 10:19*	*10/09/23 13:32*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*25 - 120*	*10/07/23 10:19*	*10/09/23 13:32*	*1*

Client Sample ID: B-3 @ 0.5' **Lab Sample ID: 570-155226-9**
Date Collected: 10/03/23 08:05 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:50	1
PCB-1221	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:50	1
PCB-1232	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:50	1
PCB-1242	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:50	1
PCB-1248	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:50	1
PCB-1254	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:50	1
PCB-1260	ND		52		ug/Kg		10/07/23 10:19	10/09/23 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*20 - 120*	*10/07/23 10:19*	*10/09/23 13:50*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*25 - 120*	*10/07/23 10:19*	*10/09/23 13:50*	*1*

Client Sample ID: B-4 @ 0.5' **Lab Sample ID: 570-155226-11**
Date Collected: 10/03/23 08:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		52		ug/Kg		10/07/23 10:19	10/09/23 14:45	1
PCB-1221	ND		52		ug/Kg		10/07/23 10:19	10/09/23 14:45	1
PCB-1232	ND		52		ug/Kg		10/07/23 10:19	10/09/23 14:45	1
PCB-1242	ND		52		ug/Kg		10/07/23 10:19	10/09/23 14:45	1
PCB-1248	ND		52		ug/Kg		10/07/23 10:19	10/09/23 14:45	1
PCB-1254	ND		52		ug/Kg		10/07/23 10:19	10/09/23 14:45	1
PCB-1260	ND		52		ug/Kg		10/07/23 10:19	10/09/23 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*20 - 120*	*10/07/23 10:19*	*10/09/23 14:45*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*25 - 120*	*10/07/23 10:19*	*10/09/23 14:45*	*1*

Client Sample ID: B-5 @ 0.5' **Lab Sample ID: 570-155226-13**
Date Collected: 10/03/23 08:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		52		ug/Kg		10/07/23 10:19	10/09/23 15:03	1
PCB-1221	ND		52		ug/Kg		10/07/23 10:19	10/09/23 15:03	1
PCB-1232	ND		52		ug/Kg		10/07/23 10:19	10/09/23 15:03	1
PCB-1242	ND		52		ug/Kg		10/07/23 10:19	10/09/23 15:03	1
PCB-1248	ND		52		ug/Kg		10/07/23 10:19	10/09/23 15:03	1
PCB-1254	ND		52		ug/Kg		10/07/23 10:19	10/09/23 15:03	1

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: B-5 @ 0.5'
Date Collected: 10/03/23 08:25
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-13
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		52		ug/Kg		10/07/23 10:19	10/09/23 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*20 - 120*	*10/07/23 10:19*	*10/09/23 15:03*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*25 - 120*	*10/07/23 10:19*	*10/09/23 15:03*	*1*

Client Sample ID: B-6 @ 0.5'
Date Collected: 10/03/23 08:30
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-15
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		51		ug/Kg		10/07/23 10:19	10/09/23 15:21	1
PCB-1221	ND		51		ug/Kg		10/07/23 10:19	10/09/23 15:21	1
PCB-1232	ND		51		ug/Kg		10/07/23 10:19	10/09/23 15:21	1
PCB-1242	ND		51		ug/Kg		10/07/23 10:19	10/09/23 15:21	1
PCB-1248	ND		51		ug/Kg		10/07/23 10:19	10/09/23 15:21	1
PCB-1254	ND		51		ug/Kg		10/07/23 10:19	10/09/23 15:21	1
PCB-1260	ND		51		ug/Kg		10/07/23 10:19	10/09/23 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*66*		*20 - 120*	*10/07/23 10:19*	*10/09/23 15:21*	*1*
Tetrachloro-m-xylene (Surr)	*69*		*25 - 120*	*10/07/23 10:19*	*10/09/23 15:21*	*1*

Client Sample ID: B-7 @ 0.5'
Date Collected: 10/03/23 08:45
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-17
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/07/23 10:19	10/09/23 15:39	1
PCB-1221	ND		50		ug/Kg		10/07/23 10:19	10/09/23 15:39	1
PCB-1232	ND		50		ug/Kg		10/07/23 10:19	10/09/23 15:39	1
PCB-1242	ND		50		ug/Kg		10/07/23 10:19	10/09/23 15:39	1
PCB-1248	ND		50		ug/Kg		10/07/23 10:19	10/09/23 15:39	1
PCB-1254	ND		50		ug/Kg		10/07/23 10:19	10/09/23 15:39	1
PCB-1260	ND		50		ug/Kg		10/07/23 10:19	10/09/23 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*20 - 120*	*10/07/23 10:19*	*10/09/23 15:39*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*25 - 120*	*10/07/23 10:19*	*10/09/23 15:39*	*1*

Client Sample ID: B-7 DUP @ 0.5'
Date Collected: 10/03/23 08:50
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-19
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/07/23 10:19	10/09/23 15:57	1
PCB-1221	ND		49		ug/Kg		10/07/23 10:19	10/09/23 15:57	1
PCB-1232	ND		49		ug/Kg		10/07/23 10:19	10/09/23 15:57	1
PCB-1242	ND		49		ug/Kg		10/07/23 10:19	10/09/23 15:57	1
PCB-1248	ND		49		ug/Kg		10/07/23 10:19	10/09/23 15:57	1
PCB-1254	ND		49		ug/Kg		10/07/23 10:19	10/09/23 15:57	1
PCB-1260	ND		49		ug/Kg		10/07/23 10:19	10/09/23 15:57	1

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	64		20 - 120	10/07/23 10:19	10/09/23 15:57	1
Tetrachloro-m-xylene (Surr)	74		25 - 120	10/07/23 10:19	10/09/23 15:57	1

Client Sample ID: B-8 @ 0.5'
Date Collected: 10/03/23 08:55
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-21
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:05	1
PCB-1221	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:05	1
PCB-1232	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:05	1
PCB-1242	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:05	1
PCB-1248	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:05	1
PCB-1254	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:05	1
PCB-1260	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	75		20 - 120	10/07/23 10:19	10/09/23 18:05	1
Tetrachloro-m-xylene (Surr)	80		25 - 120	10/07/23 10:19	10/09/23 18:05	1

Client Sample ID: B-8 DUP @ 0.5'
Date Collected: 10/03/23 09:00
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-23
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/07/23 10:19	10/09/23 18:23	1
PCB-1221	ND		49		ug/Kg		10/07/23 10:19	10/09/23 18:23	1
PCB-1232	ND		49		ug/Kg		10/07/23 10:19	10/09/23 18:23	1
PCB-1242	ND		49		ug/Kg		10/07/23 10:19	10/09/23 18:23	1
PCB-1248	ND		49		ug/Kg		10/07/23 10:19	10/09/23 18:23	1
PCB-1254	ND		49		ug/Kg		10/07/23 10:19	10/09/23 18:23	1
PCB-1260	ND		49		ug/Kg		10/07/23 10:19	10/09/23 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	66		20 - 120	10/07/23 10:19	10/09/23 18:23	1
Tetrachloro-m-xylene (Surr)	71		25 - 120	10/07/23 10:19	10/09/23 18:23	1

Client Sample ID: B-9 @ 0.5'
Date Collected: 10/03/23 09:05
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-25
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:41	1
PCB-1221	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:41	1
PCB-1232	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:41	1
PCB-1242	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:41	1
PCB-1248	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:41	1
PCB-1254	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:41	1
PCB-1260	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	75		20 - 120	10/07/23 10:19	10/09/23 18:41	1
Tetrachloro-m-xylene (Surr)	75		25 - 120	10/07/23 10:19	10/09/23 18:41	1

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B-10 @ 0.5' **Lab Sample ID: 570-155226-29**
Date Collected: 10/03/23 09:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:59	1
PCB-1221	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:59	1
PCB-1232	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:59	1
PCB-1242	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:59	1
PCB-1248	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:59	1
PCB-1254	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:59	1
PCB-1260	ND		50		ug/Kg		10/07/23 10:19	10/09/23 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*20 - 120*	*10/07/23 10:19*	*10/09/23 18:59*	*1*
Tetrachloro-m-xylene (Surr)	*73*		*25 - 120*	*10/07/23 10:19*	*10/09/23 18:59*	*1*

Client Sample ID: B-11 @ 0.5' **Lab Sample ID: 570-155226-33**
Date Collected: 10/03/23 09:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:17	1
PCB-1221	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:17	1
PCB-1232	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:17	1
PCB-1242	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:17	1
PCB-1248	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:17	1
PCB-1254	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:17	1
PCB-1260	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*20 - 120*	*10/07/23 10:19*	*10/09/23 19:17*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*25 - 120*	*10/07/23 10:19*	*10/09/23 19:17*	*1*

Client Sample ID: B-12 @ 0.5' **Lab Sample ID: 570-155226-35**
Date Collected: 10/03/23 09:30 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:35	1
PCB-1221	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:35	1
PCB-1232	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:35	1
PCB-1242	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:35	1
PCB-1248	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:35	1
PCB-1254	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:35	1
PCB-1260	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*20 - 120*	*10/07/23 10:19*	*10/09/23 19:35*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*25 - 120*	*10/07/23 10:19*	*10/09/23 19:35*	*1*

Client Sample ID: B-13 @ 0.5' **Lab Sample ID: 570-155226-37**
Date Collected: 10/03/23 09:35 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:53	1
PCB-1221	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:53	1
PCB-1232	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:53	1

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: B-13 @ 0.5' **Lab Sample ID: 570-155226-37**
Date Collected: 10/03/23 09:35 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:53	1
PCB-1248	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:53	1
PCB-1254	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:53	1
PCB-1260	ND		49		ug/Kg		10/07/23 10:19	10/09/23 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*20 - 120*	*10/07/23 10:19*	*10/09/23 19:53*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*25 - 120*	*10/07/23 10:19*	*10/09/23 19:53*	*1*

Client Sample ID: B-14 @ 0.5' **Lab Sample ID: 570-155226-39**
Date Collected: 10/03/23 09:40 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/07/23 10:19	10/09/23 20:12	1
PCB-1221	ND		50		ug/Kg		10/07/23 10:19	10/09/23 20:12	1
PCB-1232	ND		50		ug/Kg		10/07/23 10:19	10/09/23 20:12	1
PCB-1242	ND		50		ug/Kg		10/07/23 10:19	10/09/23 20:12	1
PCB-1248	ND		50		ug/Kg		10/07/23 10:19	10/09/23 20:12	1
PCB-1254	ND		50		ug/Kg		10/07/23 10:19	10/09/23 20:12	1
PCB-1260	ND		50		ug/Kg		10/07/23 10:19	10/09/23 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*20 - 120*	*10/07/23 10:19*	*10/09/23 20:12*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*25 - 120*	*10/07/23 10:19*	*10/09/23 20:12*	*1*

Client Sample ID: B-15 @ 0.5' **Lab Sample ID: 570-155226-41**
Date Collected: 10/03/23 09:45 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/07/23 10:19	10/09/23 20:30	1
PCB-1221	ND		49		ug/Kg		10/07/23 10:19	10/09/23 20:30	1
PCB-1232	ND		49		ug/Kg		10/07/23 10:19	10/09/23 20:30	1
PCB-1242	ND		49		ug/Kg		10/07/23 10:19	10/09/23 20:30	1
PCB-1248	ND		49		ug/Kg		10/07/23 10:19	10/09/23 20:30	1
PCB-1254	ND		49		ug/Kg		10/07/23 10:19	10/09/23 20:30	1
PCB-1260	ND		49		ug/Kg		10/07/23 10:19	10/09/23 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*20 - 120*	*10/07/23 10:19*	*10/09/23 20:30*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*25 - 120*	*10/07/23 10:19*	*10/09/23 20:30*	*1*

Client Sample ID: B-16 @ 0.5' **Lab Sample ID: 570-155226-43**
Date Collected: 10/03/23 09:55 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:13	1
PCB-1221	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:13	1
PCB-1232	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:13	1
PCB-1242	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:13	1
PCB-1248	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:13	1
PCB-1254	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:13	1

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: B-16 @ 0.5' **Lab Sample ID: 570-155226-43**
Date Collected: 10/03/23 09:55 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*72*		*20 - 120*	*10/11/23 08:25*	*10/13/23 09:13*	*1*
Tetrachloro-m-xylene (Surr)	*70*		*25 - 120*	*10/11/23 08:25*	*10/13/23 09:13*	*1*

Client Sample ID: B-17 @ 0.5' **Lab Sample ID: 570-155226-45**
Date Collected: 10/03/23 10:05 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:33	1
PCB-1221	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:33	1
PCB-1232	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:33	1
PCB-1242	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:33	1
PCB-1248	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:33	1
PCB-1254	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:33	1
PCB-1260	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*20 - 120*	*10/11/23 08:25*	*10/13/23 09:33*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*25 - 120*	*10/11/23 08:25*	*10/13/23 09:33*	*1*

Client Sample ID: B-18 @ 0.5' **Lab Sample ID: 570-155226-47**
Date Collected: 10/03/23 10:10 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:51	1
PCB-1221	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:51	1
PCB-1232	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:51	1
PCB-1242	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:51	1
PCB-1248	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:51	1
PCB-1254	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:51	1
PCB-1260	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*20 - 120*	*10/11/23 08:25*	*10/13/23 09:51*	*1*
Tetrachloro-m-xylene (Surr)	*81*		*25 - 120*	*10/11/23 08:25*	*10/13/23 09:51*	*1*

Client Sample ID: B-19 @ 0.5' **Lab Sample ID: 570-155226-49**
Date Collected: 10/03/23 10:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/11/23 08:25	10/13/23 10:09	1
PCB-1221	ND		49		ug/Kg		10/11/23 08:25	10/13/23 10:09	1
PCB-1232	ND		49		ug/Kg		10/11/23 08:25	10/13/23 10:09	1
PCB-1242	ND		49		ug/Kg		10/11/23 08:25	10/13/23 10:09	1
PCB-1248	ND		49		ug/Kg		10/11/23 08:25	10/13/23 10:09	1
PCB-1254	ND		49		ug/Kg		10/11/23 08:25	10/13/23 10:09	1
PCB-1260	ND		49		ug/Kg		10/11/23 08:25	10/13/23 10:09	1

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	78		20 - 120	10/11/23 08:25	10/13/23 10:09	1
Tetrachloro-m-xylene (Surr)	75		25 - 120	10/11/23 08:25	10/13/23 10:09	1

Client Sample ID: B-22 @ 0.5'
Date Collected: 10/03/23 10:40
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-55
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:22	1
PCB-1221	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:22	1
PCB-1232	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:22	1
PCB-1242	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:22	1
PCB-1248	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:22	1
PCB-1254	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:22	1
PCB-1260	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	74		20 - 120	10/11/23 08:25	10/13/23 09:22	1
Tetrachloro-m-xylene (Surr)	76		25 - 120	10/11/23 08:25	10/13/23 09:22	1

Client Sample ID: B-23 @ 0.5'
Date Collected: 10/03/23 10:45
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-57
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:40	1
PCB-1221	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:40	1
PCB-1232	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:40	1
PCB-1242	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:40	1
PCB-1248	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:40	1
PCB-1254	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:40	1
PCB-1260	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	80		20 - 120	10/11/23 08:25	10/13/23 09:40	1
Tetrachloro-m-xylene (Surr)	83		25 - 120	10/11/23 08:25	10/13/23 09:40	1

Client Sample ID: B-24 @ 0.5'
Date Collected: 10/03/23 10:50
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-59
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:16	1
PCB-1221	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:16	1
PCB-1232	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:16	1
PCB-1242	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:16	1
PCB-1248	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:16	1
PCB-1254	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:16	1
PCB-1260	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	55		20 - 120	10/11/23 08:25	10/13/23 09:16	1
Tetrachloro-m-xylene (Surr)	59		25 - 120	10/11/23 08:25	10/13/23 09:16	1

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B-25 @ 0.5'
Date Collected: 10/03/23 10:55
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-61
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:35	1
PCB-1221	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:35	1
PCB-1232	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:35	1
PCB-1242	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:35	1
PCB-1248	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:35	1
PCB-1254	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:35	1
PCB-1260	ND		49		ug/Kg		10/11/23 08:25	10/13/23 09:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*57*		*20 - 120*	*10/11/23 08:25*	*10/13/23 09:35*	*1*
Tetrachloro-m-xylene (Surr)	*61*		*25 - 120*	*10/11/23 08:25*	*10/13/23 09:35*	*1*

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-1 @ 0.5' **Lab Sample ID: 570-155226-5**
Date Collected: 10/03/23 07:50 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	24.0		2.00		mg/Kg		10/12/23 16:07	10/13/23 13:23	5

Client Sample ID: B-2 @ 0.5' **Lab Sample ID: 570-155226-7**
Date Collected: 10/03/23 08:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	22.4		1.97		mg/Kg		10/12/23 16:07	10/13/23 13:26	5

Client Sample ID: B-3 @ 0.5' **Lab Sample ID: 570-155226-9**
Date Collected: 10/03/23 08:05 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	51.7		2.05		mg/Kg		10/12/23 16:07	10/13/23 13:28	5

Client Sample ID: B-4 @ 0.5' **Lab Sample ID: 570-155226-11**
Date Collected: 10/03/23 08:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	13.3		2.01		mg/Kg		10/12/23 16:07	10/13/23 13:31	5

Client Sample ID: B-5 @ 0.5' **Lab Sample ID: 570-155226-13**
Date Collected: 10/03/23 08:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	81.2		1.98		mg/Kg		10/12/23 16:07	10/13/23 13:33	5

Client Sample ID: B-6 @ 0.5' **Lab Sample ID: 570-155226-15**
Date Collected: 10/03/23 08:30 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	15.3		2.02		mg/Kg		10/12/23 16:07	10/13/23 13:07	5

Client Sample ID: B-7 @ 0.5' **Lab Sample ID: 570-155226-17**
Date Collected: 10/03/23 08:45 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	57.1		1.95		mg/Kg		10/12/23 16:07	10/13/23 13:35	5

Client Sample ID: B-7 DUP @ 0.5' **Lab Sample ID: 570-155226-19**
Date Collected: 10/03/23 08:50 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	81.4		1.96		mg/Kg		10/12/23 16:07	10/13/23 13:38	5

Client Sample ID: B-8 @ 0.5' **Lab Sample ID: 570-155226-21**
Date Collected: 10/03/23 08:55 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	27.5		1.98		mg/Kg		10/12/23 16:07	10/13/23 13:40	5

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-8 DUP @ 0.5' **Lab Sample ID: 570-155226-23**
Date Collected: 10/03/23 09:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	28.6		1.98		mg/Kg		10/12/23 16:07	10/13/23 13:43	5

Client Sample ID: B-9 @ 0.5' **Lab Sample ID: 570-155226-25**
Date Collected: 10/03/23 09:05 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	18.8		2.00		mg/Kg		10/12/23 16:07	10/13/23 13:45	5

Client Sample ID: B-9 DUP @ 0.5' **Lab Sample ID: 570-155226-27**
Date Collected: 10/03/23 09:10 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.1		1.98		mg/Kg		10/12/23 16:07	10/13/23 13:59	5

Client Sample ID: B-10 @ 0.5' **Lab Sample ID: 570-155226-29**
Date Collected: 10/03/23 09:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	13.5		1.97		mg/Kg		10/12/23 16:07	10/13/23 14:02	5

Client Sample ID: B-10 DUP @ 0.5' **Lab Sample ID: 570-155226-31**
Date Collected: 10/03/23 09:20 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	15.2		1.99		mg/Kg		10/12/23 16:07	10/13/23 14:04	5

Client Sample ID: B-11 @ 0.5' **Lab Sample ID: 570-155226-33**
Date Collected: 10/03/23 09:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.1		1.97		mg/Kg		10/12/23 16:07	10/13/23 14:07	5

Client Sample ID: B-12 @ 0.5' **Lab Sample ID: 570-155226-35**
Date Collected: 10/03/23 09:30 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	12.7		1.98		mg/Kg		10/12/23 16:07	10/13/23 14:09	5

Client Sample ID: B-13 @ 0.5' **Lab Sample ID: 570-155226-37**
Date Collected: 10/03/23 09:35 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	27.3		1.96		mg/Kg		10/13/23 05:52	10/13/23 11:59	5

Client Sample ID: B-14 @ 0.5' **Lab Sample ID: 570-155226-39**
Date Collected: 10/03/23 09:40 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.7		2.00		mg/Kg		10/12/23 16:07	10/13/23 14:12	5

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-15 @ 0.5' **Lab Sample ID: 570-155226-41**
Date Collected: 10/03/23 09:45 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	22.7		1.98		mg/Kg		10/12/23 16:07	10/13/23 14:14	5

Client Sample ID: B-16 @ 0.5' **Lab Sample ID: 570-155226-43**
Date Collected: 10/03/23 09:55 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	122		1.97		mg/Kg		10/12/23 16:07	10/13/23 14:16	5

Client Sample ID: B-17 @ 0.5' **Lab Sample ID: 570-155226-45**
Date Collected: 10/03/23 10:05 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.00		1.99		mg/Kg		10/12/23 16:07	10/13/23 14:19	5

Client Sample ID: B-18 @ 0.5' **Lab Sample ID: 570-155226-47**
Date Collected: 10/03/23 10:10 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	30.5		1.99		mg/Kg		10/13/23 05:52	10/13/23 12:09	5

Client Sample ID: B-19 @ 0.5' **Lab Sample ID: 570-155226-49**
Date Collected: 10/03/23 10:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.6		1.97		mg/Kg		10/13/23 05:52	10/13/23 12:11	5

Client Sample ID: B-20 @ 0.5' **Lab Sample ID: 570-155226-51**
Date Collected: 10/03/23 10:20 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	21.0		1.95		mg/Kg		10/13/23 05:52	10/13/23 12:20	5

Client Sample ID: B-21 @ 0.5' **Lab Sample ID: 570-155226-53**
Date Collected: 10/03/23 10:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	67.6		2.00		mg/Kg		10/13/23 05:52	10/13/23 12:23	5

Client Sample ID: B-22 @ 0.5' **Lab Sample ID: 570-155226-55**
Date Collected: 10/03/23 10:40 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	13.9		1.95		mg/Kg		10/13/23 05:52	10/13/23 12:25	5

Client Sample ID: B-23 @ 0.5' **Lab Sample ID: 570-155226-57**
Date Collected: 10/03/23 10:45 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	22.4		2.01		mg/Kg		10/13/23 05:52	10/13/23 12:28	5

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-24 @ 0.5'
Date Collected: 10/03/23 10:50
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-59
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	11.8		1.98		mg/Kg		10/13/23 05:52	10/13/23 12:30	5

Client Sample ID: B-25 @ 0.5'
Date Collected: 10/03/23 10:55
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-61
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	17.6		1.98		mg/Kg		10/13/23 05:52	10/13/23 12:33	5

Client Sample ID: B-27 @ 0.5'
Date Collected: 10/03/23 11:05
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-65
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	36.7		1.98		mg/Kg		10/13/23 05:52	10/13/23 12:35	5

Method: Composite - Sample Compositing

Client Sample ID: B-1 @ 0.5' **Lab Sample ID: 570-155226-5**
Date Collected: 10/03/23 07:50 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-1 @ 2.5' **Lab Sample ID: 570-155226-6**
Date Collected: 10/03/23 07:50 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-2 @ 0.5' **Lab Sample ID: 570-155226-7**
Date Collected: 10/03/23 08:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-2 @ 2.5' **Lab Sample ID: 570-155226-8**
Date Collected: 10/03/23 08:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-3 @ 0.5' **Lab Sample ID: 570-155226-9**
Date Collected: 10/03/23 08:05 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-3 @ 2.5' **Lab Sample ID: 570-155226-10**
Date Collected: 10/03/23 08:05 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-4 @ 0.5' **Lab Sample ID: 570-155226-11**
Date Collected: 10/03/23 08:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-4 @ 2.5' **Lab Sample ID: 570-155226-12**
Date Collected: 10/03/23 08:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-5 @ 0.5' **Lab Sample ID: 570-155226-13**
Date Collected: 10/03/23 08:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Method: Composite - Sample Compositing

Client Sample ID: B-5 @ 2.5' **Lab Sample ID: 570-155226-14**
Date Collected: 10/03/23 08:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-6 @ 0.5' **Lab Sample ID: 570-155226-15**
Date Collected: 10/03/23 08:30 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-6 @ 2.5' **Lab Sample ID: 570-155226-16**
Date Collected: 10/03/23 08:30 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-7 @ 0.5' **Lab Sample ID: 570-155226-17**
Date Collected: 10/03/23 08:45 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-7 @ 2.5' **Lab Sample ID: 570-155226-18**
Date Collected: 10/03/23 08:45 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-7 DUP @ 0.5' **Lab Sample ID: 570-155226-19**
Date Collected: 10/03/23 08:50 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-7 DUP @ 2.5' **Lab Sample ID: 570-155226-20**
Date Collected: 10/03/23 08:50 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-8 @ 0.5' **Lab Sample ID: 570-155226-21**
Date Collected: 10/03/23 08:55 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:19	1

Client Sample ID: B-8 @ 2.5' **Lab Sample ID: 570-155226-22**
Date Collected: 10/03/23 08:55 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Method: Composite - Sample Compositing

Client Sample ID: B-8 DUP @ 0.5' **Lab Sample ID: 570-155226-23**
Date Collected: 10/03/23 09:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-8 DUP @ 2.5' **Lab Sample ID: 570-155226-24**
Date Collected: 10/03/23 09:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-9 @ 0.5' **Lab Sample ID: 570-155226-25**
Date Collected: 10/03/23 09:05 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-9 @ 2.5' **Lab Sample ID: 570-155226-26**
Date Collected: 10/03/23 09:05 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-9 DUP @ 0.5' **Lab Sample ID: 570-155226-27**
Date Collected: 10/03/23 09:10 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-9 DUP @ 2.5' **Lab Sample ID: 570-155226-28**
Date Collected: 10/03/23 09:10 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-10 @ 0.5' **Lab Sample ID: 570-155226-29**
Date Collected: 10/03/23 09:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-10 @ 2.5' **Lab Sample ID: 570-155226-30**
Date Collected: 10/03/23 09:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-10 DUP @ 0.5' **Lab Sample ID: 570-155226-31**
Date Collected: 10/03/23 09:20 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Method: Composite - Sample Compositing

Client Sample ID: B-10 DUP @ 2.5' **Lab Sample ID: 570-155226-32**
Date Collected: 10/03/23 09:20 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-11 @ 0.5' **Lab Sample ID: 570-155226-33**
Date Collected: 10/03/23 09:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-11 @ 2.5' **Lab Sample ID: 570-155226-34**
Date Collected: 10/03/23 09:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-12 @ 0.5' **Lab Sample ID: 570-155226-35**
Date Collected: 10/03/23 09:30 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-12 @ 2.5' **Lab Sample ID: 570-155226-36**
Date Collected: 10/03/23 09:30 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-13 @ 0.5' **Lab Sample ID: 570-155226-37**
Date Collected: 10/03/23 09:35 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-13 @ 2.5' **Lab Sample ID: 570-155226-38**
Date Collected: 10/03/23 09:35 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-14 @ 0.5' **Lab Sample ID: 570-155226-39**
Date Collected: 10/03/23 09:40 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-14 @ 2.5' **Lab Sample ID: 570-155226-40**
Date Collected: 10/03/23 09:40 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Method: Composite - Sample Compositing

Client Sample ID: B-15 @ 0.5' **Lab Sample ID: 570-155226-41**
Date Collected: 10/03/23 09:45 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:20	1

Client Sample ID: B-15 @ 2.5' **Lab Sample ID: 570-155226-42**
Date Collected: 10/03/23 09:45 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-16 @ 0.5' **Lab Sample ID: 570-155226-43**
Date Collected: 10/03/23 09:55 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-16 @ 2.5' **Lab Sample ID: 570-155226-44**
Date Collected: 10/03/23 09:55 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-17 @ 0.5' **Lab Sample ID: 570-155226-45**
Date Collected: 10/03/23 10:05 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-17 @ 2.5' **Lab Sample ID: 570-155226-46**
Date Collected: 10/03/23 10:05 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-18 @ 0.5' **Lab Sample ID: 570-155226-47**
Date Collected: 10/03/23 10:10 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-18 @ 2.5' **Lab Sample ID: 570-155226-48**
Date Collected: 10/03/23 10:10 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-19 @ 0.5' **Lab Sample ID: 570-155226-49**
Date Collected: 10/03/23 10:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Method: Composite - Sample Compositing

Client Sample ID: B-19 @ 2.5' **Lab Sample ID: 570-155226-50**
Date Collected: 10/03/23 10:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-20 @ 0.5' **Lab Sample ID: 570-155226-51**
Date Collected: 10/03/23 10:20 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-20 @ 2.5' **Lab Sample ID: 570-155226-52**
Date Collected: 10/03/23 10:20 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-21 @ 0.5' **Lab Sample ID: 570-155226-53**
Date Collected: 10/03/23 10:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-21 @ 2.5' **Lab Sample ID: 570-155226-54**
Date Collected: 10/03/23 10:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 11:22	1

Client Sample ID: B-22 @ 0.5' **Lab Sample ID: 570-155226-55**
Date Collected: 10/03/23 10:40 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:03	1

Client Sample ID: B-22 @ 2.5' **Lab Sample ID: 570-155226-56**
Date Collected: 10/03/23 10:40 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:03	1

Client Sample ID: B-23 @ 0.5' **Lab Sample ID: 570-155226-57**
Date Collected: 10/03/23 10:45 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:03	1

Client Sample ID: B-23 @ 2.5' **Lab Sample ID: 570-155226-58**
Date Collected: 10/03/23 10:45 **Matrix: Solid**
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:03	1

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: Composite - Sample Compositing

Client Sample ID: B-24 @ 0.5'
Date Collected: 10/03/23 10:50
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-59
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:03	1

Client Sample ID: B-24 @ 2.5'
Date Collected: 10/03/23 10:50
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-60
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:03	1

Client Sample ID: B-25 @ 0.5'
Date Collected: 10/03/23 10:55
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-61
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:03	1

Client Sample ID: B-25 @ 2.5'
Date Collected: 10/03/23 10:55
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-62
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:03	1

Client Sample ID: B-26 @ 2.5'
Date Collected: 10/03/23 11:00
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-64
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:03	1

Client Sample ID: B-27 @ 0.5'
Date Collected: 10/03/23 11:05
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-65
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:03	1

Client Sample ID: B-27 @ 2.5'
Date Collected: 10/03/23 11:05
Date Received: 10/04/23 09:35
Lab Sample ID: 570-155226-66
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:03	1

Surrogate Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-155226-68	B-1, B-2, B-3 @ 0.5' Composite	78	89
570-155226-69	B-1, B-2, B-3 @ 2.5' Composite	102	121
570-155226-74	B-7 DUP, B-8DUP @ 0.5' Composite	76	94
570-155226-75	B-7 DUP, B-8DUP @ 2.5' Composite	73	87
570-155226-79	B-9 DUP, B-10 DUP @ 2.5' Composite	79	83
570-155226-81	B-11, B-12, B-13 @ 2.5' Composite	88	91
570-155226-84	B-16, B-17, B-18 @ 0.5' Composite	83	96
570-155226-85	B-16, B-17, B-18 @ 2.5' Composite	101	107
MB 570-372532/1-A	Method Blank	83	72

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-155226-70	B-4, B-5, B-6 @ 0.5' Composite	73	88
570-155226-72 - DL	B-7, B-8 @ 0.5' Composite	80	100
570-155226-86 - DL	B-19, B-20, B-21 @ 0.5' Composite	52	56
570-155226-87	B-19, B-20, B-21 @ 2.5' Composite	82	89
570-155226-88	B-22, B-23, B-24 @ 0.5' Composite	80	87
570-155226-89	B-22, B-23, B-24 @ 2.5' Composite	84	88
570-155226-90	B-25, B-27 @ 0.5' Composite	67	75
570-155226-91	B-25, B-26, B-27 @ 2.5' Composite	64	71
LCS 570-372532/2-A	Lab Control Sample	93	87
LCS 570-372790/2-A	Lab Control Sample	74	71
MB 570-372790/1-A	Method Blank	70	67

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB1
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-155226-71	B-4, B-5, B-6 @ 2.5' Composite	83	99

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB1
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-155226-72	B-7, B-8 @ 0.5' Composite	82	92
570-155226-77	B-9, B-10 @ 2.5' Composite	72	73
570-155226-78	B-9 DUP, B-10 DUP @ 0.5' Composite	75	90
570-155226-80	B-11, B-12, B-13 @ 0.5' Composite	82	90
570-155226-82	B-14, B-15 @ 0.5' Composite	81	94
570-155226-83	B-14, B-15 @ 2.5' Composite	86	99
570-155226-86	B-19, B-20, B-21 @ 0.5' Composite	58	66
LCSD 570-372790/3-A	Lab Control Sample Dup	73	71

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB2
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-155226-73	B-7, B-8 @ 2.5' Composite	89	104
570-155226-76	B-9, B-10 @ 0.5' Composite	77	80
LCSD 570-372532/3-A	Lab Control Sample Dup	82	73

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(20-120)	(25-120)
570-155226-1	T-1 @ 0.5'	75	72
570-155226-1 MS	T-1 @ 0.5'	76	74
570-155226-1 MSD	T-1 @ 0.5'	72	68
570-155226-3	T-1 DUP @ 0.5'	75	74
570-155226-5	B-1 @ 0.5'	68	72
570-155226-7	B-2 @ 0.5'	74	77
570-155226-9	B-3 @ 0.5'	67	77
570-155226-11	B-4 @ 0.5'	67	72
570-155226-13	B-5 @ 0.5'	73	80
570-155226-15	B-6 @ 0.5'	66	69
570-155226-17	B-7 @ 0.5'	65	76
570-155226-19	B-7 DUP @ 0.5'	64	74
570-155226-21	B-8 @ 0.5'	75	80
570-155226-23	B-8 DUP @ 0.5'	66	71
570-155226-25	B-9 @ 0.5'	75	75
570-155226-29	B-10 @ 0.5'	74	73
570-155226-33	B-11 @ 0.5'	74	75

Surrogate Summary

Client: PlaceWorks, Inc. Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCB1 (20-120)	TCX1 (25-120)								
570-155226-35	B-12 @ 0.5'	71	79								
570-155226-37	B-13 @ 0.5'	67	75								
570-155226-39	B-14 @ 0.5'	73	75								
570-155226-41	B-15 @ 0.5'	74	77								
570-155226-43	B-16 @ 0.5'	72	70								
570-155226-45	B-17 @ 0.5'	82	79								
570-155226-47	B-18 @ 0.5'	86	81								
570-155226-49	B-19 @ 0.5'	78	75								
570-155226-55	B-22 @ 0.5'	74	76								
570-155226-57	B-23 @ 0.5'	80	83								
570-155226-59	B-24 @ 0.5'	55	59								
570-155226-61	B-25 @ 0.5'	57	61								
LCS 570-371520/2-A	Lab Control Sample	63	68								
LCS 570-372533/2-A	Lab Control Sample	40	53								
LCSD 570-371520/3-A	Lab Control Sample Dup	65	70								
LCSD 570-372533/3-A	Lab Control Sample Dup	28	35								
MB 570-371520/1-A	Method Blank	70	74								
MB 570-372533/1-A	Method Blank	45	50								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-372532/1-A
Matrix: Solid
Analysis Batch: 373600

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372532

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Aldrin	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Endrin	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 08:21	10/14/23 17:00	1
Toxaphene	ND		25		ug/Kg		10/11/23 08:21	10/14/23 17:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*83*		*38 - 148*	*10/11/23 08:21*	*10/14/23 17:00*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*37 - 151*	*10/11/23 08:21*	*10/14/23 17:00*	*1*

Lab Sample ID: LCS 570-372532/2-A
Matrix: Solid
Analysis Batch: 373600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372532

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	25.0	28.26		ug/Kg		113	54 - 154
4,4'-DDE	25.0	24.45		ug/Kg		98	51 - 149
4,4'-DDT	25.0	32.12		ug/Kg		128	39 - 152
Aldrin	25.0	24.10		ug/Kg		96	52 - 138
alpha-BHC	25.0	28.95		ug/Kg		116	51 - 140
cis-Chlordane	25.0	27.18		ug/Kg		109	53 - 141
beta-BHC	25.0	27.60		ug/Kg		110	53 - 141
delta-BHC	25.0	26.54		ug/Kg		106	20 - 132
Dieldrin	25.0	26.48		ug/Kg		106	52 - 144
Endosulfan I	25.0	26.65		ug/Kg		107	49 - 139
Endosulfan II	25.0	26.90		ug/Kg		108	51 - 150
Endosulfan sulfate	25.0	27.20		ug/Kg		109	45 - 139
Endrin	25.0	28.51		ug/Kg		114	53 - 151
Endrin aldehyde	25.0	23.12		ug/Kg		92	31 - 146
Endrin ketone	25.0	27.43		ug/Kg		110	51 - 150
gamma-BHC (Lindane)	25.0	31.60		ug/Kg		126	53 - 141
trans-Chlordane	25.0	28.14		ug/Kg		113	46 - 156

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-372532/2-A
Matrix: Solid
Analysis Batch: 373600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372532

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Heptachlor			25.0	32.56		ug/Kg		130	52 - 144		
Heptachlor epoxide			25.0	27.47		ug/Kg		110	54 - 141		
Methoxychlor			25.0	30.63		ug/Kg		123	47 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*93*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*87*		*37 - 151*

Lab Sample ID: LCSD 570-372532/3-A
Matrix: Solid
Analysis Batch: 373600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 372532

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			25.0	25.19		ug/Kg		101	54 - 154	11	30
4,4'-DDE			25.0	22.13		ug/Kg		89	51 - 149	10	28
4,4'-DDT			25.0	27.51		ug/Kg		110	39 - 152	15	31
Aldrin			25.0	21.92		ug/Kg		88	52 - 138	9	30
alpha-BHC			25.0	26.06		ug/Kg		104	51 - 140	11	29
cis-Chlordane			25.0	24.53		ug/Kg		98	53 - 141	10	28
beta-BHC			25.0	24.83		ug/Kg		99	53 - 141	11	29
delta-BHC			25.0	23.60		ug/Kg		94	20 - 132	12	40
Dieldrin			25.0	24.00		ug/Kg		96	52 - 144	10	28
Endosulfan I			25.0	23.99		ug/Kg		96	49 - 139	10	28
Endosulfan II			25.0	24.32		ug/Kg		97	51 - 150	10	29
Endosulfan sulfate			25.0	24.42		ug/Kg		98	45 - 139	11	30
Endrin			25.0	25.79		ug/Kg		103	53 - 151	10	29
Endrin aldehyde			25.0	20.94		ug/Kg		84	31 - 146	10	40
Endrin ketone			25.0	24.81		ug/Kg		99	51 - 150	10	30
gamma-BHC (Lindane)			25.0	28.28		ug/Kg		113	53 - 141	11	29
trans-Chlordane			25.0	25.40		ug/Kg		102	46 - 156	10	39
Heptachlor			25.0	29.32		ug/Kg		117	52 - 144	10	29
Heptachlor epoxide			25.0	24.54		ug/Kg		98	54 - 141	11	29
Methoxychlor			25.0	26.71		ug/Kg		107	47 - 148	14	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*82*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*73*		*37 - 151*

Lab Sample ID: MB 570-372790/1-A
Matrix: Solid
Analysis Batch: 372866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372790

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
4,4'-DDE	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
4,4'-DDT	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Aldrin	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
alpha-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 570-372790/1-A
Matrix: Solid
Analysis Batch: 372866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372790

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
beta-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
delta-BHC	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Dieldrin	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Endosulfan I	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Endosulfan II	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Endrin	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Endrin aldehyde	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Endrin ketone	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
trans-Chlordane	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Heptachlor	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Methoxychlor	ND		5.0		ug/Kg		10/11/23 16:40	10/12/23 13:54	1
Toxaphene	ND		25		ug/Kg		10/11/23 16:40	10/12/23 13:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*70*		*38 - 148*	*10/11/23 16:40*	*10/12/23 13:54*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*37 - 151*	*10/11/23 16:40*	*10/12/23 13:54*	*1*

Lab Sample ID: LCS 570-372790/2-A
Matrix: Solid
Analysis Batch: 372866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372790

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			25.0	19.33		ug/Kg		77	54 - 154		
4,4'-DDE			25.0	19.77		ug/Kg		79	51 - 149		
4,4'-DDT			25.0	16.64		ug/Kg		67	39 - 152		
Aldrin			25.0	20.44		ug/Kg		82	52 - 138		
alpha-BHC			25.0	19.42		ug/Kg		78	51 - 140		
cis-Chlordane			25.0	19.29		ug/Kg		77	53 - 141		
beta-BHC			25.0	17.67		ug/Kg		71	53 - 141		
delta-BHC			25.0	16.47		ug/Kg		66	20 - 132		
Dieldrin			25.0	19.13		ug/Kg		77	52 - 144		
Endosulfan I			25.0	18.82		ug/Kg		75	49 - 139		
Endosulfan II			25.0	17.95		ug/Kg		72	51 - 150		
Endosulfan sulfate			25.0	16.78		ug/Kg		67	45 - 139		
Endrin			25.0	18.56		ug/Kg		74	53 - 151		
Endrin aldehyde			25.0	13.29		ug/Kg		53	31 - 146		
Endrin ketone			25.0	16.85		ug/Kg		67	51 - 150		
gamma-BHC (Lindane)			25.0	17.56		ug/Kg		70	53 - 141		
trans-Chlordane			25.0	19.27		ug/Kg		77	46 - 156		
Heptachlor			25.0	15.04		ug/Kg		60	52 - 144		
Heptachlor epoxide			25.0	19.35		ug/Kg		77	54 - 141		
Methoxychlor			25.0	21.95		ug/Kg		88	47 - 148		

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-372790/2-A
Matrix: Solid
Analysis Batch: 372866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372790

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*74*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*71*		*37 - 151*

Lab Sample ID: LCSD 570-372790/3-A
Matrix: Solid
Analysis Batch: 372866

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 372790

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			25.0	20.72		ug/Kg		83	54 - 154	7	30
4,4'-DDE			25.0	20.18		ug/Kg		81	51 - 149	2	28
4,4'-DDT			25.0	19.27		ug/Kg		77	39 - 152	15	31
Aldrin			25.0	20.85		ug/Kg		83	52 - 138	2	30
alpha-BHC			25.0	19.94		ug/Kg		80	51 - 140	3	29
cis-Chlordane			25.0	19.65		ug/Kg		79	53 - 141	2	28
beta-BHC			25.0	18.63		ug/Kg		75	53 - 141	5	29
delta-BHC			25.0	17.15		ug/Kg		69	20 - 132	4	40
Dieldrin			25.0	19.46		ug/Kg		78	52 - 144	2	28
Endosulfan I			25.0	19.40		ug/Kg		78	49 - 139	3	28
Endosulfan II			25.0	18.63		ug/Kg		75	51 - 150	4	29
Endosulfan sulfate			25.0	17.52		ug/Kg		70	45 - 139	4	30
Endrin			25.0	19.59		ug/Kg		78	53 - 151	5	29
Endrin aldehyde			25.0	14.51		ug/Kg		58	31 - 146	9	40
Endrin ketone			25.0	18.45		ug/Kg		74	51 - 150	9	30
gamma-BHC (Lindane)			25.0	18.31		ug/Kg		73	53 - 141	4	29
trans-Chlordane			25.0	19.75		ug/Kg		79	46 - 156	2	39
Heptachlor			25.0	15.84		ug/Kg		63	52 - 144	5	29
Heptachlor epoxide			25.0	19.74		ug/Kg		79	54 - 141	2	29
Methoxychlor			25.0	23.91		ug/Kg		96	47 - 148	9	29

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*73*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*71*		*37 - 151*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-371520/1-A
Matrix: Solid
Analysis Batch: 371776

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371520

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/07/23 10:19	10/09/23 11:44	1
PCB-1221	ND		50		ug/Kg		10/07/23 10:19	10/09/23 11:44	1
PCB-1232	ND		50		ug/Kg		10/07/23 10:19	10/09/23 11:44	1
PCB-1242	ND		50		ug/Kg		10/07/23 10:19	10/09/23 11:44	1
PCB-1248	ND		50		ug/Kg		10/07/23 10:19	10/09/23 11:44	1
PCB-1254	ND		50		ug/Kg		10/07/23 10:19	10/09/23 11:44	1
PCB-1260	ND		50		ug/Kg		10/07/23 10:19	10/09/23 11:44	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 570-371520/1-A
Matrix: Solid
Analysis Batch: 371776

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371520

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	70		20 - 120	10/07/23 10:19	10/09/23 11:44	1
Tetrachloro-m-xylene (Surr)	74		25 - 120	10/07/23 10:19	10/09/23 11:44	1

Lab Sample ID: LCS 570-371520/2-A
Matrix: Solid
Analysis Batch: 371776

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371520

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			100	73.16		ug/Kg		73	53 - 133		
PCB-1260			100	80.76		ug/Kg		81	39 - 140		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	63		20 - 120
Tetrachloro-m-xylene (Surr)	68		25 - 120

Lab Sample ID: LCSD 570-371520/3-A
Matrix: Solid
Analysis Batch: 371776

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 371520

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			100	79.10		ug/Kg		79	53 - 133	8	32
PCB-1260			100	86.82		ug/Kg		87	39 - 140	7	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	65		20 - 120
Tetrachloro-m-xylene (Surr)	70		25 - 120

Lab Sample ID: 570-155226-1 MS
Matrix: Solid
Analysis Batch: 371776

Client Sample ID: T-1 @ 0.5'
Prep Type: Total/NA
Prep Batch: 371520

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		98.6	77.08		ug/Kg		78	20 - 162		
PCB-1260	ND		98.6	94.44		ug/Kg		96	20 - 155		

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	76		20 - 120
Tetrachloro-m-xylene (Surr)	74		25 - 120

Lab Sample ID: 570-155226-1 MSD
Matrix: Solid
Analysis Batch: 371776

Client Sample ID: T-1 @ 0.5'
Prep Type: Total/NA
Prep Batch: 371520

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		98.1	70.86		ug/Kg		72	20 - 162	8	40
PCB-1260	ND		98.1	87.48		ug/Kg		89	20 - 155	8	40

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-155226-1 MSD
Matrix: Solid
Analysis Batch: 371776

Client Sample ID: T-1 @ 0.5'
Prep Type: Total/NA
Prep Batch: 371520

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*72*		*20 - 120*
Tetrachloro-m-xylene (Surr)	*68*		*25 - 120*

Lab Sample ID: MB 570-372533/1-A
Matrix: Solid
Analysis Batch: 373061

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372533

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/11/23 08:25	10/12/23 12:24	1
PCB-1221	ND		50		ug/Kg		10/11/23 08:25	10/12/23 12:24	1
PCB-1232	ND		50		ug/Kg		10/11/23 08:25	10/12/23 12:24	1
PCB-1242	ND		50		ug/Kg		10/11/23 08:25	10/12/23 12:24	1
PCB-1248	ND		50		ug/Kg		10/11/23 08:25	10/12/23 12:24	1
PCB-1254	ND		50		ug/Kg		10/11/23 08:25	10/12/23 12:24	1
PCB-1260	ND		50		ug/Kg		10/11/23 08:25	10/12/23 12:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*45*		*20 - 120*	*10/11/23 08:25*	*10/12/23 12:24*	*1*
Tetrachloro-m-xylene (Surr)	*50*		*25 - 120*	*10/11/23 08:25*	*10/12/23 12:24*	*1*

Lab Sample ID: LCS 570-372533/2-A
Matrix: Solid
Analysis Batch: 373061

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372533

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			100	57.24		ug/Kg		57	53 - 133		
PCB-1260			100	50.65		ug/Kg		51	39 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*40*		*20 - 120*
Tetrachloro-m-xylene (Surr)	*53*		*25 - 120*

Lab Sample ID: LCSD 570-372533/3-A
Matrix: Solid
Analysis Batch: 373061

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 372533

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			100	55.23		ug/Kg		55	53 - 133	4	32
PCB-1260			100	52.60		ug/Kg		53	39 - 140	4	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*28*		*20 - 120*
Tetrachloro-m-xylene (Surr)	*35*		*25 - 120*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-373166/1-A ^5
Matrix: Solid
Analysis Batch: 373570

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 373166

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.98		mg/Kg		10/12/23 16:07	10/13/23 12:58	5

Lab Sample ID: LCS 570-373166/2-A ^5
Matrix: Solid
Analysis Batch: 373570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 373166

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			49.8	47.48		mg/Kg		95	80 - 120		

Lab Sample ID: LCSD 570-373166/3-A ^5
Matrix: Solid
Analysis Batch: 373570

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 373166

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			49.8	46.28		mg/Kg		93	80 - 120	3	20

Lab Sample ID: 570-155226-15 MS
Matrix: Solid
Analysis Batch: 373570

Client Sample ID: B-6 @ 0.5'
Prep Type: Total/NA
Prep Batch: 373166

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead	15.3		50.3	62.02		mg/Kg		93	75 - 125		

Lab Sample ID: 570-155226-15 MSD
Matrix: Solid
Analysis Batch: 373570

Client Sample ID: B-6 @ 0.5'
Prep Type: Total/NA
Prep Batch: 373166

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	15.3		49.5	66.31		mg/Kg		103	75 - 125	7	20

Lab Sample ID: MB 570-373330/1-A ^5
Matrix: Solid
Analysis Batch: 373526

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 373330

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.97		mg/Kg		10/13/23 05:52	10/13/23 11:49	5

Lab Sample ID: LCS 570-373330/2-A ^5
Matrix: Solid
Analysis Batch: 373526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 373330

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			50.3	48.05		mg/Kg		96	80 - 120		

Lab Sample ID: LCSD 570-373330/3-A ^5
Matrix: Solid
Analysis Batch: 373526

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 373330

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			49.8	47.67		mg/Kg		96	80 - 120	1	20

Method: 6010B - Metals (ICP)

Lab Sample ID: 570-155226-37 MS
Client Sample ID: B-13 @ 0.5'
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 373526
Prep Batch: 373330

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	27.3		49.0	76.81		mg/Kg		101	75 - 125

Lab Sample ID: 570-155226-37 MSD
Client Sample ID: B-13 @ 0.5'
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 373526
Prep Batch: 373330

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	27.3		49.3	69.59		mg/Kg		86	75 - 125	10	20

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

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Prep Batch: 371520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-1	T-1 @ 0.5'	Total/NA	Solid	3546	
570-155226-3	T-1 DUP @ 0.5'	Total/NA	Solid	3546	
570-155226-5	B-1 @ 0.5'	Total/NA	Solid	3546	
570-155226-7	B-2 @ 0.5'	Total/NA	Solid	3546	
570-155226-9	B-3 @ 0.5'	Total/NA	Solid	3546	
570-155226-11	B-4 @ 0.5'	Total/NA	Solid	3546	
570-155226-13	B-5 @ 0.5'	Total/NA	Solid	3546	
570-155226-15	B-6 @ 0.5'	Total/NA	Solid	3546	
570-155226-17	B-7 @ 0.5'	Total/NA	Solid	3546	
570-155226-19	B-7 DUP @ 0.5'	Total/NA	Solid	3546	
570-155226-21	B-8 @ 0.5'	Total/NA	Solid	3546	
570-155226-23	B-8 DUP @ 0.5'	Total/NA	Solid	3546	
570-155226-25	B-9 @ 0.5'	Total/NA	Solid	3546	
570-155226-29	B-10 @ 0.5'	Total/NA	Solid	3546	
570-155226-33	B-11 @ 0.5'	Total/NA	Solid	3546	
570-155226-35	B-12 @ 0.5'	Total/NA	Solid	3546	
570-155226-37	B-13 @ 0.5'	Total/NA	Solid	3546	
570-155226-39	B-14 @ 0.5'	Total/NA	Solid	3546	
570-155226-41	B-15 @ 0.5'	Total/NA	Solid	3546	
MB 570-371520/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-371520/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-371520/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-155226-1 MS	T-1 @ 0.5'	Total/NA	Solid	3546	
570-155226-1 MSD	T-1 @ 0.5'	Total/NA	Solid	3546	

Analysis Batch: 371776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-1	T-1 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-3	T-1 DUP @ 0.5'	Total/NA	Solid	8082	371520
570-155226-5	B-1 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-7	B-2 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-9	B-3 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-11	B-4 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-13	B-5 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-15	B-6 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-17	B-7 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-19	B-7 DUP @ 0.5'	Total/NA	Solid	8082	371520
570-155226-21	B-8 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-23	B-8 DUP @ 0.5'	Total/NA	Solid	8082	371520
570-155226-25	B-9 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-29	B-10 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-33	B-11 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-35	B-12 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-37	B-13 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-39	B-14 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-41	B-15 @ 0.5'	Total/NA	Solid	8082	371520
MB 570-371520/1-A	Method Blank	Total/NA	Solid	8082	371520
LCS 570-371520/2-A	Lab Control Sample	Total/NA	Solid	8082	371520
LCSD 570-371520/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	371520
570-155226-1 MS	T-1 @ 0.5'	Total/NA	Solid	8082	371520
570-155226-1 MSD	T-1 @ 0.5'	Total/NA	Solid	8082	371520

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Prep Batch: 372532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-68	B-1, B-2, B-3 @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-69	B-1, B-2, B-3 @ 2.5' Composite	Total/NA	Solid	3546	
570-155226-70	B-4, B-5, B-6 @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-71	B-4, B-5, B-6 @ 2.5' Composite	Total/NA	Solid	3546	
570-155226-72 - DL	B-7, B-8 @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-72	B-7, B-8 @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-73	B-7, B-8 @ 2.5' Composite	Total/NA	Solid	3546	
570-155226-74	B-7 DUP, B-8DUP @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-74 - DL	B-7 DUP, B-8DUP @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-75	B-7 DUP, B-8DUP @ 2.5' Composite	Total/NA	Solid	3546	
570-155226-76	B-9, B-10 @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-77	B-9, B-10 @ 2.5' Composite	Total/NA	Solid	3546	
570-155226-78	B-9 DUP, B-10 DUP @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-79	B-9 DUP, B-10 DUP @ 2.5' Composite	Total/NA	Solid	3546	
570-155226-80	B-11, B-12, B-13 @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-81	B-11, B-12, B-13 @ 2.5' Composite	Total/NA	Solid	3546	
570-155226-82	B-14, B-15 @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-83	B-14, B-15 @ 2.5' Composite	Total/NA	Solid	3546	
570-155226-84	B-16, B-17, B-18 @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-85	B-16, B-17, B-18 @ 2.5' Composite	Total/NA	Solid	3546	
570-155226-86	B-19, B-20, B-21 @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-86 - DL	B-19, B-20, B-21 @ 0.5' Composite	Total/NA	Solid	3546	
MB 570-372532/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-372532/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-372532/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 372533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-43	B-16 @ 0.5'	Total/NA	Solid	3546	
570-155226-45	B-17 @ 0.5'	Total/NA	Solid	3546	
570-155226-47	B-18 @ 0.5'	Total/NA	Solid	3546	
570-155226-49	B-19 @ 0.5'	Total/NA	Solid	3546	
570-155226-55	B-22 @ 0.5'	Total/NA	Solid	3546	
570-155226-57	B-23 @ 0.5'	Total/NA	Solid	3546	
570-155226-59	B-24 @ 0.5'	Total/NA	Solid	3546	
570-155226-61	B-25 @ 0.5'	Total/NA	Solid	3546	
MB 570-372533/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-372533/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-372533/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 372790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-87	B-19, B-20, B-21 @ 2.5' Composite	Total/NA	Solid	3546	
570-155226-88	B-22, B-23, B-24 @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-89	B-22, B-23, B-24 @ 2.5' Composite	Total/NA	Solid	3546	
570-155226-90	B-25, B-27 @ 0.5' Composite	Total/NA	Solid	3546	
570-155226-91	B-25, B-26, B-27 @ 2.5' Composite	Total/NA	Solid	3546	
MB 570-372790/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-372790/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-372790/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

GC Semi VOA

Analysis Batch: 372866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-87	B-19, B-20, B-21 @ 2.5' Composite	Total/NA	Solid	8081A	372790
570-155226-88	B-22, B-23, B-24 @ 0.5' Composite	Total/NA	Solid	8081A	372790
570-155226-89	B-22, B-23, B-24 @ 2.5' Composite	Total/NA	Solid	8081A	372790
570-155226-90	B-25, B-27 @ 0.5' Composite	Total/NA	Solid	8081A	372790
570-155226-91	B-25, B-26, B-27 @ 2.5' Composite	Total/NA	Solid	8081A	372790
MB 570-372790/1-A	Method Blank	Total/NA	Solid	8081A	372790
LCS 570-372790/2-A	Lab Control Sample	Total/NA	Solid	8081A	372790
LCSD 570-372790/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	372790

Analysis Batch: 373061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-372533/1-A	Method Blank	Total/NA	Solid	8082	372533
LCS 570-372533/2-A	Lab Control Sample	Total/NA	Solid	8082	372533
LCSD 570-372533/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	372533

Analysis Batch: 373393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-55	B-22 @ 0.5'	Total/NA	Solid	8082	372533
570-155226-57	B-23 @ 0.5'	Total/NA	Solid	8082	372533

Analysis Batch: 373397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-59	B-24 @ 0.5'	Total/NA	Solid	8082	372533
570-155226-61	B-25 @ 0.5'	Total/NA	Solid	8082	372533

Analysis Batch: 373401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-43	B-16 @ 0.5'	Total/NA	Solid	8082	372533
570-155226-45	B-17 @ 0.5'	Total/NA	Solid	8082	372533
570-155226-47	B-18 @ 0.5'	Total/NA	Solid	8082	372533
570-155226-49	B-19 @ 0.5'	Total/NA	Solid	8082	372533

Analysis Batch: 373600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-68	B-1, B-2, B-3 @ 0.5' Composite	Total/NA	Solid	8081A	372532
570-155226-69	B-1, B-2, B-3 @ 2.5' Composite	Total/NA	Solid	8081A	372532
570-155226-70	B-4, B-5, B-6 @ 0.5' Composite	Total/NA	Solid	8081A	372532
570-155226-71	B-4, B-5, B-6 @ 2.5' Composite	Total/NA	Solid	8081A	372532
570-155226-72	B-7, B-8 @ 0.5' Composite	Total/NA	Solid	8081A	372532
570-155226-73	B-7, B-8 @ 2.5' Composite	Total/NA	Solid	8081A	372532
570-155226-74	B-7 DUP, B-8DUP @ 0.5' Composite	Total/NA	Solid	8081A	372532
570-155226-75	B-7 DUP, B-8DUP @ 2.5' Composite	Total/NA	Solid	8081A	372532
MB 570-372532/1-A	Method Blank	Total/NA	Solid	8081A	372532
LCS 570-372532/2-A	Lab Control Sample	Total/NA	Solid	8081A	372532
LCSD 570-372532/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	372532

Analysis Batch: 373824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-72 - DL	B-7, B-8 @ 0.5' Composite	Total/NA	Solid	8081A	372532
570-155226-74 - DL	B-7 DUP, B-8DUP @ 0.5' Composite	Total/NA	Solid	8081A	372532
570-155226-76	B-9, B-10 @ 0.5' Composite	Total/NA	Solid	8081A	372532

GC Semi VOA (Continued)

Analysis Batch: 373824 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-77	B-9, B-10 @ 2.5' Composite	Total/NA	Solid	8081A	372532
570-155226-78	B-9 DUP, B-10 DUP @ 0.5' Composite	Total/NA	Solid	8081A	372532
570-155226-79	B-9 DUP, B-10 DUP @ 2.5' Composite	Total/NA	Solid	8081A	372532
570-155226-80	B-11, B-12, B-13 @ 0.5' Composite	Total/NA	Solid	8081A	372532
570-155226-81	B-11, B-12, B-13 @ 2.5' Composite	Total/NA	Solid	8081A	372532
570-155226-82	B-14, B-15 @ 0.5' Composite	Total/NA	Solid	8081A	372532
570-155226-83	B-14, B-15 @ 2.5' Composite	Total/NA	Solid	8081A	372532
570-155226-84	B-16, B-17, B-18 @ 0.5' Composite	Total/NA	Solid	8081A	372532
570-155226-85	B-16, B-17, B-18 @ 2.5' Composite	Total/NA	Solid	8081A	372532
570-155226-86	B-19, B-20, B-21 @ 0.5' Composite	Total/NA	Solid	8081A	372532

Analysis Batch: 374036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-86 - DL	B-19, B-20, B-21 @ 0.5' Composite	Total/NA	Solid	8081A	372532

Metals

Prep Batch: 373166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-5	B-1 @ 0.5'	Total/NA	Solid	3050B	
570-155226-7	B-2 @ 0.5'	Total/NA	Solid	3050B	
570-155226-9	B-3 @ 0.5'	Total/NA	Solid	3050B	
570-155226-11	B-4 @ 0.5'	Total/NA	Solid	3050B	
570-155226-13	B-5 @ 0.5'	Total/NA	Solid	3050B	
570-155226-15	B-6 @ 0.5'	Total/NA	Solid	3050B	
570-155226-17	B-7 @ 0.5'	Total/NA	Solid	3050B	
570-155226-19	B-7 DUP @ 0.5'	Total/NA	Solid	3050B	
570-155226-21	B-8 @ 0.5'	Total/NA	Solid	3050B	
570-155226-23	B-8 DUP @ 0.5'	Total/NA	Solid	3050B	
570-155226-25	B-9 @ 0.5'	Total/NA	Solid	3050B	
570-155226-27	B-9 DUP @ 0.5'	Total/NA	Solid	3050B	
570-155226-29	B-10 @ 0.5'	Total/NA	Solid	3050B	
570-155226-31	B-10 DUP @ 0.5'	Total/NA	Solid	3050B	
570-155226-33	B-11 @ 0.5'	Total/NA	Solid	3050B	
570-155226-35	B-12 @ 0.5'	Total/NA	Solid	3050B	
570-155226-39	B-14 @ 0.5'	Total/NA	Solid	3050B	
570-155226-41	B-15 @ 0.5'	Total/NA	Solid	3050B	
570-155226-43	B-16 @ 0.5'	Total/NA	Solid	3050B	
570-155226-45	B-17 @ 0.5'	Total/NA	Solid	3050B	
MB 570-373166/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-373166/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-373166/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-155226-15 MS	B-6 @ 0.5'	Total/NA	Solid	3050B	
570-155226-15 MSD	B-6 @ 0.5'	Total/NA	Solid	3050B	

Prep Batch: 373330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-37	B-13 @ 0.5'	Total/NA	Solid	3050B	
570-155226-47	B-18 @ 0.5'	Total/NA	Solid	3050B	
570-155226-49	B-19 @ 0.5'	Total/NA	Solid	3050B	
570-155226-51	B-20 @ 0.5'	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 373330 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-53	B-21 @ 0.5'	Total/NA	Solid	3050B	
570-155226-55	B-22 @ 0.5'	Total/NA	Solid	3050B	
570-155226-57	B-23 @ 0.5'	Total/NA	Solid	3050B	
570-155226-59	B-24 @ 0.5'	Total/NA	Solid	3050B	
570-155226-61	B-25 @ 0.5'	Total/NA	Solid	3050B	
570-155226-65	B-27 @ 0.5'	Total/NA	Solid	3050B	
MB 570-373330/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-373330/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-373330/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-155226-37 MS	B-13 @ 0.5'	Total/NA	Solid	3050B	
570-155226-37 MSD	B-13 @ 0.5'	Total/NA	Solid	3050B	

Analysis Batch: 373526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-37	B-13 @ 0.5'	Total/NA	Solid	6010B	373330
570-155226-47	B-18 @ 0.5'	Total/NA	Solid	6010B	373330
570-155226-49	B-19 @ 0.5'	Total/NA	Solid	6010B	373330
570-155226-51	B-20 @ 0.5'	Total/NA	Solid	6010B	373330
570-155226-53	B-21 @ 0.5'	Total/NA	Solid	6010B	373330
570-155226-55	B-22 @ 0.5'	Total/NA	Solid	6010B	373330
570-155226-57	B-23 @ 0.5'	Total/NA	Solid	6010B	373330
570-155226-59	B-24 @ 0.5'	Total/NA	Solid	6010B	373330
570-155226-61	B-25 @ 0.5'	Total/NA	Solid	6010B	373330
570-155226-65	B-27 @ 0.5'	Total/NA	Solid	6010B	373330
MB 570-373330/1-A ^5	Method Blank	Total/NA	Solid	6010B	373330
LCS 570-373330/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	373330
LCSD 570-373330/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	373330
570-155226-37 MS	B-13 @ 0.5'	Total/NA	Solid	6010B	373330
570-155226-37 MSD	B-13 @ 0.5'	Total/NA	Solid	6010B	373330

Analysis Batch: 373570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-5	B-1 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-7	B-2 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-9	B-3 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-11	B-4 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-13	B-5 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-15	B-6 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-17	B-7 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-19	B-7 DUP @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-21	B-8 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-23	B-8 DUP @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-25	B-9 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-27	B-9 DUP @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-29	B-10 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-31	B-10 DUP @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-33	B-11 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-35	B-12 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-39	B-14 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-41	B-15 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-43	B-16 @ 0.5'	Total/NA	Solid	6010B	373166

Metals (Continued)

Analysis Batch: 373570 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-45	B-17 @ 0.5'	Total/NA	Solid	6010B	373166
MB 570-373166/1-A ^5	Method Blank	Total/NA	Solid	6010B	373166
LCS 570-373166/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	373166
LCSD 570-373166/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	373166
570-155226-15 MS	B-6 @ 0.5'	Total/NA	Solid	6010B	373166
570-155226-15 MSD	B-6 @ 0.5'	Total/NA	Solid	6010B	373166

Organic Prep

Analysis Batch: 371836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-5	B-1 @ 0.5'	Total/NA	Solid	Composite	
570-155226-6	B-1 @ 2.5'	Total/NA	Solid	Composite	
570-155226-7	B-2 @ 0.5'	Total/NA	Solid	Composite	
570-155226-8	B-2 @ 2.5'	Total/NA	Solid	Composite	
570-155226-9	B-3 @ 0.5'	Total/NA	Solid	Composite	
570-155226-10	B-3 @ 2.5'	Total/NA	Solid	Composite	
570-155226-11	B-4 @ 0.5'	Total/NA	Solid	Composite	
570-155226-12	B-4 @ 2.5'	Total/NA	Solid	Composite	
570-155226-13	B-5 @ 0.5'	Total/NA	Solid	Composite	
570-155226-14	B-5 @ 2.5'	Total/NA	Solid	Composite	
570-155226-15	B-6 @ 0.5'	Total/NA	Solid	Composite	
570-155226-16	B-6 @ 2.5'	Total/NA	Solid	Composite	
570-155226-17	B-7 @ 0.5'	Total/NA	Solid	Composite	
570-155226-18	B-7 @ 2.5'	Total/NA	Solid	Composite	
570-155226-19	B-7 DUP @ 0.5'	Total/NA	Solid	Composite	
570-155226-20	B-7 DUP @ 2.5'	Total/NA	Solid	Composite	
570-155226-21	B-8 @ 0.5'	Total/NA	Solid	Composite	
570-155226-22	B-8 @ 2.5'	Total/NA	Solid	Composite	
570-155226-23	B-8 DUP @ 0.5'	Total/NA	Solid	Composite	
570-155226-24	B-8 DUP @ 2.5'	Total/NA	Solid	Composite	
570-155226-25	B-9 @ 0.5'	Total/NA	Solid	Composite	
570-155226-26	B-9 @ 2.5'	Total/NA	Solid	Composite	
570-155226-27	B-9 DUP @ 0.5'	Total/NA	Solid	Composite	
570-155226-28	B-9 DUP @ 2.5'	Total/NA	Solid	Composite	
570-155226-29	B-10 @ 0.5'	Total/NA	Solid	Composite	
570-155226-30	B-10 @ 2.5'	Total/NA	Solid	Composite	
570-155226-31	B-10 DUP @ 0.5'	Total/NA	Solid	Composite	
570-155226-32	B-10 DUP @ 2.5'	Total/NA	Solid	Composite	
570-155226-33	B-11 @ 0.5'	Total/NA	Solid	Composite	
570-155226-34	B-11 @ 2.5'	Total/NA	Solid	Composite	
570-155226-35	B-12 @ 0.5'	Total/NA	Solid	Composite	
570-155226-36	B-12 @ 2.5'	Total/NA	Solid	Composite	
570-155226-37	B-13 @ 0.5'	Total/NA	Solid	Composite	
570-155226-38	B-13 @ 2.5'	Total/NA	Solid	Composite	
570-155226-39	B-14 @ 0.5'	Total/NA	Solid	Composite	
570-155226-40	B-14 @ 2.5'	Total/NA	Solid	Composite	
570-155226-41	B-15 @ 0.5'	Total/NA	Solid	Composite	
570-155226-42	B-15 @ 2.5'	Total/NA	Solid	Composite	
570-155226-43	B-16 @ 0.5'	Total/NA	Solid	Composite	
570-155226-44	B-16 @ 2.5'	Total/NA	Solid	Composite	

Organic Prep (Continued)

Analysis Batch: 371836 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-45	B-17 @ 0.5'	Total/NA	Solid	Composite	
570-155226-46	B-17 @ 2.5'	Total/NA	Solid	Composite	
570-155226-47	B-18 @ 0.5'	Total/NA	Solid	Composite	
570-155226-48	B-18 @ 2.5'	Total/NA	Solid	Composite	
570-155226-49	B-19 @ 0.5'	Total/NA	Solid	Composite	
570-155226-50	B-19 @ 2.5'	Total/NA	Solid	Composite	
570-155226-51	B-20 @ 0.5'	Total/NA	Solid	Composite	
570-155226-52	B-20 @ 2.5'	Total/NA	Solid	Composite	
570-155226-53	B-21 @ 0.5'	Total/NA	Solid	Composite	
570-155226-54	B-21 @ 2.5'	Total/NA	Solid	Composite	

Analysis Batch: 371911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-55	B-22 @ 0.5'	Total/NA	Solid	Composite	
570-155226-56	B-22 @ 2.5'	Total/NA	Solid	Composite	
570-155226-57	B-23 @ 0.5'	Total/NA	Solid	Composite	
570-155226-58	B-23 @ 2.5'	Total/NA	Solid	Composite	
570-155226-59	B-24 @ 0.5'	Total/NA	Solid	Composite	
570-155226-60	B-24 @ 2.5'	Total/NA	Solid	Composite	
570-155226-61	B-25 @ 0.5'	Total/NA	Solid	Composite	
570-155226-62	B-25 @ 2.5'	Total/NA	Solid	Composite	
570-155226-64	B-26 @ 2.5'	Total/NA	Solid	Composite	
570-155226-65	B-27 @ 0.5'	Total/NA	Solid	Composite	
570-155226-66	B-27 @ 2.5'	Total/NA	Solid	Composite	

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: T-1 @ 0.5'
Lab Sample ID: 570-155226-1
Date Collected: 10/03/23 07:40
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.29 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 12:38	OM8W	EET CAL 4
	Instrument ID: GC64A									

Client Sample ID: T-1 DUP @ 0.5'
Lab Sample ID: 570-155226-3
Date Collected: 10/03/23 07:45
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.36 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 12:56	OM8W	EET CAL 4
	Instrument ID: GC64A									

Client Sample ID: B-1 @ 0.5'
Lab Sample ID: 570-155226-5
Date Collected: 10/03/23 07:50
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.07 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 13:14	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.00 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:23	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-1 @ 2.5'
Lab Sample ID: 570-155226-6
Date Collected: 10/03/23 07:50
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-2 @ 0.5'
Lab Sample ID: 570-155226-7
Date Collected: 10/03/23 08:00
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.15 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 13:32	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.03 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:26	VZ0K	EET CAL 4
	Instrument ID: ICP10									

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-2 @ 0.5'
Lab Sample ID: 570-155226-7
Date Collected: 10/03/23 08:00
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4

Client Sample ID: B-2 @ 2.5'
Lab Sample ID: 570-155226-8
Date Collected: 10/03/23 08:00
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-3 @ 0.5'
Lab Sample ID: 570-155226-9
Date Collected: 10/03/23 08:05
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.08 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 13:50	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			1.95 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:28	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-3 @ 2.5'
Lab Sample ID: 570-155226-10
Date Collected: 10/03/23 08:05
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-4 @ 0.5'
Lab Sample ID: 570-155226-11
Date Collected: 10/03/23 08:15
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.08 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 14:45	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			1.99 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:31	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc. Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-4 @ 2.5'
Lab Sample ID: 570-155226-12
Date Collected: 10/03/23 08:15 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-5 @ 0.5'
Lab Sample ID: 570-155226-13
Date Collected: 10/03/23 08:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.17 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 15:03	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.02 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:33	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-5 @ 2.5'
Lab Sample ID: 570-155226-14
Date Collected: 10/03/23 08:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-6 @ 0.5'
Lab Sample ID: 570-155226-15
Date Collected: 10/03/23 08:30 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.55 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 15:21	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			1.98 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:07	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-6 @ 2.5'
Lab Sample ID: 570-155226-16
Date Collected: 10/03/23 08:30 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-7 @ 0.5'
Lab Sample ID: 570-155226-17
Date Collected: 10/03/23 08:45
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.18 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 15:39	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.05 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:35	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-7 @ 2.5'
Lab Sample ID: 570-155226-18
Date Collected: 10/03/23 08:45
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-7 DUP @ 0.5'
Lab Sample ID: 570-155226-19
Date Collected: 10/03/23 08:50
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.49 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 15:57	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.04 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:38	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-7 DUP @ 2.5'
Lab Sample ID: 570-155226-20
Date Collected: 10/03/23 08:50
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-8 @ 0.5'
Lab Sample ID: 570-155226-21
Date Collected: 10/03/23 08:55
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.17 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 18:05	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.02 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:40	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-8 @ 2.5'
Lab Sample ID: 570-155226-22
Date Collected: 10/03/23 08:55
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-8 DUP @ 0.5'
Lab Sample ID: 570-155226-23
Date Collected: 10/03/23 09:00
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.44 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 18:23	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.02 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:43	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-8 DUP @ 2.5'
Lab Sample ID: 570-155226-24
Date Collected: 10/03/23 09:00
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-9 @ 0.5'
Lab Sample ID: 570-155226-25
Date Collected: 10/03/23 09:05
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.12 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 18:41	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.00 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:45	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-9 @ 2.5'
Lab Sample ID: 570-155226-26
Date Collected: 10/03/23 09:05
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-9 DUP @ 0.5'
Lab Sample ID: 570-155226-27
Date Collected: 10/03/23 09:10
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 13:59	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-9 DUP @ 2.5'
Lab Sample ID: 570-155226-28
Date Collected: 10/03/23 09:10
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-10 @ 0.5'
Lab Sample ID: 570-155226-29
Date Collected: 10/03/23 09:15
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.04 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 18:59	OM8W	EET CAL 4
	Instrument ID: GC64A									

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-10 @ 0.5'
Lab Sample ID: 570-155226-29
Date Collected: 10/03/23 09:15
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 14:02	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-10 @ 2.5'
Lab Sample ID: 570-155226-30
Date Collected: 10/03/23 09:15
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-10 DUP @ 0.5'
Lab Sample ID: 570-155226-31
Date Collected: 10/03/23 09:20
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 14:04	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-10 DUP @ 2.5'
Lab Sample ID: 570-155226-32
Date Collected: 10/03/23 09:20
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-11 @ 0.5'
Lab Sample ID: 570-155226-33
Date Collected: 10/03/23 09:25
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.48 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 19:17	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.03 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 14:07	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc. Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-11 @ 2.5'
Lab Sample ID: 570-155226-34
Date Collected: 10/03/23 09:25 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-12 @ 0.5'
Lab Sample ID: 570-155226-35
Date Collected: 10/03/23 09:30 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.32 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 19:35	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.02 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 14:09	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-12 @ 2.5'
Lab Sample ID: 570-155226-36
Date Collected: 10/03/23 09:30 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-13 @ 0.5'
Lab Sample ID: 570-155226-37
Date Collected: 10/03/23 09:35 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.23 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 19:53	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.04 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373526	10/13/23 11:59	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-13 @ 2.5'
Lab Sample ID: 570-155226-38
Date Collected: 10/03/23 09:35 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-14 @ 0.5'
Lab Sample ID: 570-155226-39
Date Collected: 10/03/23 09:40
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.13 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 20:12	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.00 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 14:12	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-14 @ 2.5'
Lab Sample ID: 570-155226-40
Date Collected: 10/03/23 09:40
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-15 @ 0.5'
Lab Sample ID: 570-155226-41
Date Collected: 10/03/23 09:45
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.30 g	10 mL	371520	10/07/23 10:19	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371776	10/09/23 20:30	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.02 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 14:14	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-15 @ 2.5'
Lab Sample ID: 570-155226-42
Date Collected: 10/03/23 09:45
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-16 @ 0.5'
Lab Sample ID: 570-155226-43
Date Collected: 10/03/23 09:55
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.34 g	10 mL	372533	10/11/23 08:25	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	373401	10/13/23 09:13	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.03 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 14:16	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-16 @ 2.5'
Lab Sample ID: 570-155226-44
Date Collected: 10/03/23 09:55
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-17 @ 0.5'
Lab Sample ID: 570-155226-45
Date Collected: 10/03/23 10:05
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.27 g	10 mL	372533	10/11/23 08:25	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	373401	10/13/23 09:33	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.01 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			373570	10/13/23 14:19	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-17 @ 2.5'
Lab Sample ID: 570-155226-46
Date Collected: 10/03/23 10:05
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-18 @ 0.5'
Lab Sample ID: 570-155226-47
Date Collected: 10/03/23 10:10
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.39 g	10 mL	372533	10/11/23 08:25	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	373401	10/13/23 09:51	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.01 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373526	10/13/23 12:09	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-18 @ 2.5'
Lab Sample ID: 570-155226-48
Date Collected: 10/03/23 10:10
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-19 @ 0.5'
Lab Sample ID: 570-155226-49
Date Collected: 10/03/23 10:15
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.22 g	10 mL	372533	10/11/23 08:25	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	373401	10/13/23 10:09	OM8W	EET CAL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.03 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373526	10/13/23 12:11	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-19 @ 2.5'
Lab Sample ID: 570-155226-50
Date Collected: 10/03/23 10:15
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-20 @ 0.5'
Lab Sample ID: 570-155226-51
Date Collected: 10/03/23 10:20
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.05 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373526	10/13/23 12:20	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-20 @ 2.5'
Lab Sample ID: 570-155226-52
Date Collected: 10/03/23 10:20
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-21 @ 0.5'
Lab Sample ID: 570-155226-53
Date Collected: 10/03/23 10:25
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373526	10/13/23 12:23	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-21 @ 2.5'
Lab Sample ID: 570-155226-54
Date Collected: 10/03/23 10:25
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-22 @ 0.5'
Lab Sample ID: 570-155226-55
Date Collected: 10/03/23 10:40
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.30 g	10 mL	372533	10/11/23 08:25	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	373393	10/13/23 09:22	OM8W	EET CAL 4
	Instrument ID: GC81A									
Total/NA	Prep	3050B			2.05 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373526	10/13/23 12:25	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc. Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-22 @ 2.5'
Lab Sample ID: 570-155226-56
Date Collected: 10/03/23 10:40
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-23 @ 0.5'
Lab Sample ID: 570-155226-57
Date Collected: 10/03/23 10:45
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.39 g	10 mL	372533	10/11/23 08:25	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	373393	10/13/23 09:40	OM8W	EET CAL 4
	Instrument ID: GC81A									
Total/NA	Prep	3050B			1.99 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373526	10/13/23 12:28	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-23 @ 2.5'
Lab Sample ID: 570-155226-58
Date Collected: 10/03/23 10:45
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-24 @ 0.5'
Lab Sample ID: 570-155226-59
Date Collected: 10/03/23 10:50
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.37 g	10 mL	372533	10/11/23 08:25	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	373397	10/13/23 09:16	OM8W	EET CAL 4
	Instrument ID: GC58									
Total/NA	Prep	3050B			2.02 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373526	10/13/23 12:30	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-24 @ 2.5'
Lab Sample ID: 570-155226-60
Date Collected: 10/03/23 10:50
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-25 @ 0.5'
Lab Sample ID: 570-155226-61
Date Collected: 10/03/23 10:55
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.28 g	10 mL	372533	10/11/23 08:25	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	373397	10/13/23 09:35	OM8W	EET CAL 4
	Instrument ID: GC58									
Total/NA	Prep	3050B			2.02 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373526	10/13/23 12:33	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-25 @ 2.5'
Lab Sample ID: 570-155226-62
Date Collected: 10/03/23 10:55
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-26 @ 2.5'
Lab Sample ID: 570-155226-64
Date Collected: 10/03/23 11:00
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-27 @ 0.5'
Lab Sample ID: 570-155226-65
Date Collected: 10/03/23 11:05
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373526	10/13/23 12:35	VZ0K	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-27 @ 2.5'
Lab Sample ID: 570-155226-66
Date Collected: 10/03/23 11:05
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc. Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-1, B-2, B-3 @ 0.5' Composite — Lab Sample ID: 570-155226-68

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.04 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 19:36	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-1, B-2, B-3 @ 2.5' Composite — Lab Sample ID: 570-155226-69

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.22 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 19:51	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-4, B-5, B-6 @ 0.5' Composite — Lab Sample ID: 570-155226-70

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.13 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 20:19	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-4, B-5, B-6 @ 2.5' Composite — Lab Sample ID: 570-155226-71

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.14 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 20:33	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-7, B-8 @ 0.5' Composite — Lab Sample ID: 570-155226-72

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.03 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 20:47	N5Y3	EET CAL 4
	Instrument ID: GC52A									
Total/NA	Prep	3546	DL		20.03 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A	DL	5	1 mL	1 mL	373824	10/15/23 04:50	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Lab Chronicle

Client: PlaceWorks, Inc. Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-7, B-8 @ 2.5' Composite — Lab Sample ID: 570-155226-73

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.39 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 21:02	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-7 DUP, B-8DUP @ 0.5' Composite — Lab Sample ID: 570-155226-74

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.12 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 21:16	N5Y3	EET CAL 4
	Instrument ID: GC52A									
Total/NA	Prep	3546	DL		20.12 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A	DL	5	1 mL	1 mL	373824	10/15/23 05:04	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-7 DUP, B-8DUP @ 2.5' Composite — Lab Sample ID: 570-155226-75

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.23 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 21:30	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-9, B-10 @ 0.5' Composite — Lab Sample ID: 570-155226-76

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.22 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373824	10/15/23 00:33	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-9, B-10 @ 2.5' Composite — Lab Sample ID: 570-155226-77

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.97 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373824	10/15/23 00:48	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Lab Chronicle

Client: PlaceWorks, Inc. Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-9 DUP, B-10 DUP @ 0.5' Composite — Lab Sample ID: 570-155226-78

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.00 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373824	10/15/23 01:02	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-9 DUP, B-10 DUP @ 2.5' Composite — Lab Sample ID: 570-155226-79

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.13 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373824	10/15/23 01:16	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-11, B-12, B-13 @ 0.5' Composite — Lab Sample ID: 570-155226-80

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.16 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373824	10/15/23 01:30	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-11, B-12, B-13 @ 2.5' Composite — Lab Sample ID: 570-155226-81

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.08 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373824	10/15/23 01:45	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-14, B-15 @ 0.5' Composite — Lab Sample ID: 570-155226-82

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.13 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373824	10/15/23 01:59	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Lab Chronicle

Client: PlaceWorks, Inc. Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-14, B-15 @ 2.5' Composite — Lab Sample ID: 570-155226-83

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.10 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373824	10/15/23 02:13	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-16, B-17, B-18 @ 0.5' Composite — Lab Sample ID: 570-155226-84

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.08 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373824	10/15/23 02:27	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-16, B-17, B-18 @ 2.5' Composite — Lab Sample ID: 570-155226-85

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.09 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373824	10/15/23 02:42	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-19, B-20, B-21 @ 0.5' Composite — Lab Sample ID: 570-155226-86

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.19 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373824	10/15/23 02:56	N5Y3	EET CAL 4
	Instrument ID: GC52A									
Total/NA	Prep	3546	DL		20.19 g	10 mL	372532	10/11/23 08:22	E5RH	EET CAL 4
Total/NA	Analysis	8081A	DL	3	1 mL	1 mL	374036	10/16/23 14:25	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-19, B-20, B-21 @ 2.5' Composite — Lab Sample ID: 570-155226-87

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.03 g	10 mL	372790	10/11/23 16:40	YTB4	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372866	10/12/23 23:51	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Lab Chronicle

Client: PlaceWorks, Inc. Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-22, B-23, B-24 @ 0.5' Composite — Lab Sample ID: 570-155226-88

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.26 g	10 mL	372790	10/11/23 16:40	YTB4	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372866	10/13/23 00:06	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-22, B-23, B-24 @ 2.5' Composite — Lab Sample ID: 570-155226-89

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.03 g	10 mL	372790	10/11/23 16:40	YTB4	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372866	10/13/23 00:20	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-25, B-27 @ 0.5' Composite — Lab Sample ID: 570-155226-90

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.08 g	10 mL	372790	10/11/23 16:40	YTB4	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372866	10/13/23 00:34	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-25, B-26, B-27 @ 2.5' Composite — Lab Sample ID: 570-155226-91

Date Collected: 10/03/23 00:00 **Matrix: Solid**
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.07 g	10 mL	372790	10/11/23 16:40	YTB4	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372866	10/13/23 00:49	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8081A	3546	Solid	cis-Chlordane
8081A	3546	Solid	trans-Chlordane
Composite		Solid	Composited

Method Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	EET CAL 4
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
Composite	Sample Compositing	None	EET CAL 4
3050B	Preparation, Metals	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-155226-1	T-1 @ 0.5'	Solid	10/03/23 07:40	10/04/23 09:35
570-155226-3	T-1 DUP @ 0.5'	Solid	10/03/23 07:45	10/04/23 09:35
570-155226-5	B-1 @ 0.5'	Solid	10/03/23 07:50	10/04/23 09:35
570-155226-6	B-1 @ 2.5'	Solid	10/03/23 07:50	10/04/23 09:35
570-155226-7	B-2 @ 0.5'	Solid	10/03/23 08:00	10/04/23 09:35
570-155226-8	B-2 @ 2.5'	Solid	10/03/23 08:00	10/04/23 09:35
570-155226-9	B-3 @ 0.5'	Solid	10/03/23 08:05	10/04/23 09:35
570-155226-10	B-3 @ 2.5'	Solid	10/03/23 08:05	10/04/23 09:35
570-155226-11	B-4 @ 0.5'	Solid	10/03/23 08:15	10/04/23 09:35
570-155226-12	B-4 @ 2.5'	Solid	10/03/23 08:15	10/04/23 09:35
570-155226-13	B-5 @ 0.5'	Solid	10/03/23 08:25	10/04/23 09:35
570-155226-14	B-5 @ 2.5'	Solid	10/03/23 08:25	10/04/23 09:35
570-155226-15	B-6 @ 0.5'	Solid	10/03/23 08:30	10/04/23 09:35
570-155226-16	B-6 @ 2.5'	Solid	10/03/23 08:30	10/04/23 09:35
570-155226-17	B-7 @ 0.5'	Solid	10/03/23 08:45	10/04/23 09:35
570-155226-18	B-7 @ 2.5'	Solid	10/03/23 08:45	10/04/23 09:35
570-155226-19	B-7 DUP @ 0.5'	Solid	10/03/23 08:50	10/04/23 09:35
570-155226-20	B-7 DUP @ 2.5'	Solid	10/03/23 08:50	10/04/23 09:35
570-155226-21	B-8 @ 0.5'	Solid	10/03/23 08:55	10/04/23 09:35
570-155226-22	B-8 @ 2.5'	Solid	10/03/23 08:55	10/04/23 09:35
570-155226-23	B-8 DUP @ 0.5'	Solid	10/03/23 09:00	10/04/23 09:35
570-155226-24	B-8 DUP @ 2.5'	Solid	10/03/23 09:00	10/04/23 09:35
570-155226-25	B-9 @ 0.5'	Solid	10/03/23 09:05	10/04/23 09:35
570-155226-26	B-9 @ 2.5'	Solid	10/03/23 09:05	10/04/23 09:35
570-155226-27	B-9 DUP @ 0.5'	Solid	10/03/23 09:10	10/04/23 09:35
570-155226-28	B-9 DUP @ 2.5'	Solid	10/03/23 09:10	10/04/23 09:35
570-155226-29	B-10 @ 0.5'	Solid	10/03/23 09:15	10/04/23 09:35
570-155226-30	B-10 @ 2.5'	Solid	10/03/23 09:15	10/04/23 09:35
570-155226-31	B-10 DUP @ 0.5'	Solid	10/03/23 09:20	10/04/23 09:35
570-155226-32	B-10 DUP @ 2.5'	Solid	10/03/23 09:20	10/04/23 09:35
570-155226-33	B-11 @ 0.5'	Solid	10/03/23 09:25	10/04/23 09:35
570-155226-34	B-11 @ 2.5'	Solid	10/03/23 09:25	10/04/23 09:35
570-155226-35	B-12 @ 0.5'	Solid	10/03/23 09:30	10/04/23 09:35
570-155226-36	B-12 @ 2.5'	Solid	10/03/23 09:30	10/04/23 09:35
570-155226-37	B-13 @ 0.5'	Solid	10/03/23 09:35	10/04/23 09:35
570-155226-38	B-13 @ 2.5'	Solid	10/03/23 09:35	10/04/23 09:35
570-155226-39	B-14 @ 0.5'	Solid	10/03/23 09:40	10/04/23 09:35
570-155226-40	B-14 @ 2.5'	Solid	10/03/23 09:40	10/04/23 09:35
570-155226-41	B-15 @ 0.5'	Solid	10/03/23 09:45	10/04/23 09:35
570-155226-42	B-15 @ 2.5'	Solid	10/03/23 09:45	10/04/23 09:35
570-155226-43	B-16 @ 0.5'	Solid	10/03/23 09:55	10/04/23 09:35
570-155226-44	B-16 @ 2.5'	Solid	10/03/23 09:55	10/04/23 09:35
570-155226-45	B-17 @ 0.5'	Solid	10/03/23 10:05	10/04/23 09:35
570-155226-46	B-17 @ 2.5'	Solid	10/03/23 10:05	10/04/23 09:35
570-155226-47	B-18 @ 0.5'	Solid	10/03/23 10:10	10/04/23 09:35
570-155226-48	B-18 @ 2.5'	Solid	10/03/23 10:10	10/04/23 09:35
570-155226-49	B-19 @ 0.5'	Solid	10/03/23 10:15	10/04/23 09:35
570-155226-50	B-19 @ 2.5'	Solid	10/03/23 10:15	10/04/23 09:35
570-155226-51	B-20 @ 0.5'	Solid	10/03/23 10:20	10/04/23 09:35
570-155226-52	B-20 @ 2.5'	Solid	10/03/23 10:20	10/04/23 09:35
570-155226-53	B-21 @ 0.5'	Solid	10/03/23 10:25	10/04/23 09:35
570-155226-54	B-21 @ 2.5'	Solid	10/03/23 10:25	10/04/23 09:35
570-155226-55	B-22 @ 0.5'	Solid	10/03/23 10:40	10/04/23 09:35
570-155226-56	B-22 @ 2.5'	Solid	10/03/23 10:40	10/04/23 09:35

Sample Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-1
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-155226-57	B-23 @ 0.5'	Solid	10/03/23 10:45	10/04/23 09:35
570-155226-58	B-23 @ 2.5'	Solid	10/03/23 10:45	10/04/23 09:35
570-155226-59	B-24 @ 0.5'	Solid	10/03/23 10:50	10/04/23 09:35
570-155226-60	B-24 @ 2.5'	Solid	10/03/23 10:50	10/04/23 09:35
570-155226-61	B-25 @ 0.5'	Solid	10/03/23 10:55	10/04/23 09:35
570-155226-62	B-25 @ 2.5'	Solid	10/03/23 10:55	10/04/23 09:35
570-155226-64	B-26 @ 2.5'	Solid	10/03/23 11:00	10/04/23 09:35
570-155226-65	B-27 @ 0.5'	Solid	10/03/23 11:05	10/04/23 09:35
570-155226-66	B-27 @ 2.5'	Solid	10/03/23 11:05	10/04/23 09:35
570-155226-68	B-1, B-2, B-3 @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-69	B-1, B-2, B-3 @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-70	B-4, B-5, B-6 @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-71	B-4, B-5, B-6 @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-72	B-7, B-8 @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-73	B-7, B-8 @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-74	B-7 DUP, B-8DUP @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-75	B-7 DUP, B-8DUP @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-76	B-9, B-10 @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-77	B-9, B-10 @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-78	B-9 DUP, B-10 DUP @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-79	B-9 DUP, B-10 DUP @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-80	B-11, B-12, B-13 @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-81	B-11, B-12, B-13 @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-82	B-14, B-15 @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-83	B-14, B-15 @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-84	B-16, B-17, B-18 @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-85	B-16, B-17, B-18 @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-86	B-19, B-20, B-21 @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-87	B-19, B-20, B-21 @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-88	B-22, B-23, B-24 @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-89	B-22, B-23, B-24 @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-90	B-25, B-27 @ 0.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35
570-155226-91	B-25, B-26, B-27 @ 2.5' Composite	Solid	10/03/23 00:00	10/04/23 09:35

155226
2459
WGP

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
1	T-1 @ 0.5'	10/3	7:40	G	Solid				X				C = Composite Sample
2	T-1 @ 2.5'		7:40	G	Solid								D = Discrete Sample; - Sample will be archived for possible future analysis
3	T-1 DUP @ 0.5'		7:45	G	Solid				X				DUP = Duplicate
4	T-1 DUP @ 2.5'		7:45	G	Solid								EB = Equipment Blank
5	B-1 @ 0.5'		7:50	G	Solid			C	X		X		
6	B-1 @ 2.5'		7:50	G	Solid			C					
7	B-2 @ 0.5'		8:00	G	Solid			C	X		X		
8	B-2 @ 2.5'		8:00	G	Solid			C					
9	B-3 @ 0.5'		8:05	G	Solid			C	X		X		
10	B-3 @ 2.5'		8:05	G	Solid			C					
11	B-4 @ 0.5'		8:15	G	Solid			C	X		X		

570-155226 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miles Barker	10/3 12:05	PLACEWORKS		10/3/23 1205	SEB
2		10-3-23 1630	EETCS		10/4/23 0930	ET
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.2/2.1, 1.3/1.2 SCR

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify); Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
12	B-4 @ 2.5'	10/3	8:15	G	Solid			C					C = Composite Sample
13	B-5 @ 0.5'		8:25	G	Solid			C	X		X		D = Discrete Sample; - Sample will be archived for possible future analysis
14	B-5 @ 2.5'		8:25	G	Solid			C					DUP = Duplicate
15	B-6 @ 0.5'		8:30	G	Solid			C	X		X		EB = Equipment Blank
16	B-6 @ 2.5'		8:30	G	Solid			C					
17	B-7 @ 0.5'		8:45	G	Solid			C	X		X		
18	B-7 @ 2.5'		8:45	G	Solid			C					
19	B-7 DUP @ 0.5'		8:50	G	Solid			C	X		X		
20	B-7 DUP @ 2.5'		8:50	G	Solid			C					
21	B-8 @ 0.5'		8:55	G	Solid			C	X		X		
22	B-8 @ 2.5'	↓	8:55	G	Solid			C					
23													

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miles Barker	10/3 12:05	PLACEWORKS		10/3/23 1605	ESS
2		10.3.23 1630	EETCA		10/4/23 0935	ET
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	
		1.3/1.2	SC2

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:			Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
23	B-8 DUP @ 0.5'	10/3	9:00	G	Solid			C	X		X		C = Composite Sample
24	B-8 DUP @ 2.5'		9:00	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
25	B-9 @ 0.5'		9:05	G	Solid			C	X		X		DUP = Duplicate
26	B-9 @ 2.5'		9:05	G	Solid			C					EB = Equipment Blank
27	B-9 DUP @ 0.5'		9:10	G	Solid			C			X		
28	B-9 DUP @ 2.5'		9:10	G	Solid			C					
29	B-10 @ 0.5'		9:15	G	Solid			C	X		X		
30	B-10 @ 2.5'		9:15	G	Solid			C					
31	B-10 DUP @ 0.5'		9:20	G	Solid			C			X		
32	B-10 DUP @ 2.5'		9:20	G	Solid			C					
33	B-11 @ 0.5'		9:25	G	Solid			C	X		X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: 5a 10/3

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/3 1210	PLACEWORKS	[signature]	10/3/23 1205	EBC
2	[signature]	10-3-23 1630	ETCA	[signature]	10/4/23 0935	EC
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 5C/2

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:			Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			
City: Ontario	TAT Requested (days): ~~10 days~~ 3 Days			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
34	B-11 @ 2.5'	10/3	9:25	G	Solid			C					C = Composite Sample
35	B-12 @ 0.5'		9:30	G	Solid			C	X		X		D = Discrete Sample; - Sample will be archived for possible future analysis
36	B-12 @ 2.5'		9:32	G	Solid			C					DUP = Duplicate
37	B-13 @ 0.5'		9:35	G	Solid			C	X		X		EB = Equipment Blank
38	B-13 @ 2.5'		9:35	G	Solid			C					
39	B-14 @ 0.5'		9:40	G	Solid			C	X		X		
40	B-14 @ 2.5'		9:40	G	Solid			C					
41	B-15 @ 0.5'		9:45	G	Solid			C	X		X		
42	B-15 @ 2.5'		9:45	G	Solid			C					
43	B-16 @ 0.5'		9:55	G	Solid			C	X		X		
44	B-16 @ 2.5'		9:55	G	Solid			C					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/3 1205	PLACEWORKS	[signature]	10/3/23 1205	ET/A
2	[signature]	10-3-23 1630	ETCA	[signature]	10/4/23 0935	FL
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 1.3 / 1.2 SC12

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 Days			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
45	B-17 @ 0.5'	10/3	10:05	G	Solid			C	X		X		C = Composite Sample
46	B-17 @ 2.5'		10:05	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
47	B-18 @ 0.5'		10:10	G	Solid			C	X		X		DUP = Duplicate
48	B-18 @ 2.5'		10:10	G	Solid			C					EB = Equipment Blank
49	B-19 @ 0.5'		10:15	G	Solid			C	X		X		
50	B-19 @ 2.5'		10:15	G	Solid			C					
51	B-20 @ 0.5'		10:20	G	Solid			C			X		
52	B-20 @ 2.5'		10:20	G	Solid			C					
53	B-21 @ 0.5'		10:25	↓	↓			C			X		
54	B-21 @ 2.5'	↓	10:25	↓	↓			C					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
1		10/3 12:05	PLACEWORKS		10/3/23 1605	SFTSC
2		10-3-23 1630	EETCA		10/4/23 0935	EC
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 5C12

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
55	B-22 @ 0.5'	10/3	10:40	G	Solid			C	X		X		C = Composite Sample
56	B-22 @ 2.5'		10:40	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
57	B-23 @ 0.5'		10:45	G	Solid			C	X		X		DUP = Duplicate
58	B-23 @ 2.5'		10:45	G	Solid			C					EB = Equipment Blank
59	B-24 @ 0.5'		10:50	G	Solid			C	X		X		
60	B-24 @ 2.5'		10:50	G	Solid			C					
61	B-25 @ 0.5'		10:55	G	Solid			C	X		X		
62	B-25 @ 2.5'		10:55	G	Solid			C					
63	B-26 @ 0.5'		11:00	G	Solid			C			X		
64	B-26 @ 2.5'		11:00	G	Solid			C					
65	B-27 @ 0.5'		11:05	G	Solid			C			X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	PLACEWORKS	10/3 12:05	PLACEWORKS		10/3/23 1600	EET DA
2		10.3.23 1630	EET CA		10/4/23 0935	ET
3		Date/Time:	Company		Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 SCR

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: MILES BARKER	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #:			
Email: mwatson@placeworks.com	WO #:			
Project Name: ~~Nicholas Elementary School Sacramento City USD~~ SCUSD-0.80	Project #: ~~37016158~~			
Site: OAK RIDGE ELEMENTARY SCHOOL	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	MS/MSD	8081A Pesticides (EPA 508.1 A)	8010B - Arsenic and Lead	8082 PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	D	N		
				~~Water~~						1	C = COMPOSITE
				~~Water~~						2	SAMPLE
66 B-27 @ 2.5'	10/3	11:05	G	SOIL			C				EB = EQUIPMENT
EB 10.03.23	↓	11:15		WATER							BLANK
67 ER 10.03.23	↓	11:15		WATER							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/3 12:05	PLACEWORKS	[signature]	10/3/23 1605	EETC
[signature]	10.3.23 1630	EETC	[signature]	10/4/23 0935	EC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 SCT

TABLE 1
SOIL SAMPLING AND ANALYSIS PROGRAM
Oak Ridge Elementary School Rebuild Project
Sacramento City Unified School District
Sacramento, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A Organochlorine Pesticides	EPA 8082 Polychlorinated Biphenyls	EPA 6010B Arsenic	EPA 6010B Lead
A-1, A-6	0' - 0.5'	Former Agriculture	C		2D (A-1, A-6)	2D (A-1, A-6)
	2.5' - 3.0'		-		-	-
A-1 DUP, A-6 DUP	0' - 0.5'	Duplicate	C DUP		D DUP (A-1 DUP)	2D DUP (A-1 DUP, A-6 DUP)
	2.5' - 3.0'		-		-	-
A-2, A-3	0' - 0.5'	Former Agriculture	C		2D (A-2, A-3)	2D (A-2, A-3)
	2.5' - 3.0'		-		-	-
A-4, A-5	0' - 0.5'	Former Agriculture	C		2D (A-4, A-5)	2D (A-4, A-5)
	2.5' - 3.0'		-		-	-
A-7, A-8	0' - 0.5'	Former Agriculture	C		2D (A-7, A-8)	2D (A-7, A-8)
	2.5' - 3.0'		-		-	-
B-1, B-2, B-3	0' - 0.5'	Existing Building	C	3D (B-1, B-2, B-3)		3D (B-1, B-2, B-3)
	2.5' - 3.0'	Predating 1978	C	-		-
B-4, B-5, B-6	0' - 0.5'	Existing Building	C	3D (B-4, B-5, B-6)		3D (B-4, B-5, B-6)
	2.5' - 3.0'	Predating 1978	C			-
B-7, B-8	0' - 0.5'	Existing Building	C	2D (B-7, B-8)		2D (B-7, B-8)
	2.5' - 3.0'	Predating 1978	C	-		-
B-7 DUP, B-8 DUP	0' - 0.5'	Duplicate	C DUP	2D DUP (B-7 DUP, B-8 DUP)		2D DUP (B-7 DUP, B-8 DUP)
	2.5' - 3.0'		C DUP	-		-
B-9, B-10	0' - 0.5'	Existing Building	C	2D (B-9, B-10)		2D (B-9, B-10)
	2.5' - 3.0'	Predating 1978	C	-		-
B-9 DUP, B-10 DUP	0' - 0.5'	Duplicate	C DUP			2D DUP (B-9 DUP, B-10 DUP)
	2.5' - 3.0'		C DUP			-
B-11, B-12, B-13	0' - 0.5'	Existing Building	C	3D (B-11, B-12, B-13)		3D (B-11, B-12, B-13)
	2.5' - 3.0'	Predating 1978	C	-		-
B-14, B-15	0' - 0.5'	Existing Building	C	2D (B-14, B-15)		2D (B-14, B-15)
	2.5' - 3.0'	Predating 1978	C	-		-
B-16, B-17, B-18	0' - 0.5'	Existing Building	C	3D (B-16, B-17, B-18)		3D (B-16, B-17, B-18)
	2.5' - 3.0'	Predating 1978	C	-		-
B-19, B-20, B-21	0' - 0.5'	Existing Building	C	D (B-19)		3D (B-19, B-20, B-21)
	2.5' - 3.0'	Predating 1978	C	-		-
B-22, B-23, B-24	0' - 0.5'	Existing Building	C	3D (B-22, B-23, B-24)		3D (B-22, B-23, B-24)
	2.5' - 3.0'	Predating 1978	C	-		-
B-25, B-26, B-27	0' - 0.5'	Existing Building	C	D (B-25)		3D (B-25, B-26, B-27)
	2.5' - 3.0'	Predating 1978	C	-		-
B-28, B-29, B-30	0' - 0.5'	Existing Building	C	3D (B-28, B-29, B-30)		3D (B-28, B-29, B-30)
	2.5' - 3.0'	Predating 1978	C	-		-
B-31, B-32, B-33	0' - 0.5'	Existing Building	C	2D (B-31, B-32)		3D (B-31, B-32, B-33)
	2.5' - 3.0'	Predating 1978	C	-		-
B-34, B-35, B-36	0' - 0.5'	Existing Building	C			3D (B-34, B-35, B-36)
	2.5' - 3.0'	Predating 1978	C			-
B-37, B-38, B-39	0' - 0.5'	Existing Building	C			3D (B-37, B-38, B-39)
	2.5' - 3.0'	Predating 1978	C			-
B-40, B-41, B-42, B-43	0' - 0.5'	Existing Building	C	2D (B-40, B-41)		4D (B-40, B-41, B-42, B-43)
	2.5' - 3.0'	Predating 1978	C	-		-
B-44, B-45	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-46, B-47, B-48	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-49, B-50, B-51	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-52, B-53, B-54	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-55, B-56, B-57	0' - 0.5'	Former Building Predating	C			3D (B-55, B-56, B-57)
	2.5' - 3.0'	1947	C			-
B-58, B-59, B-60	0' - 0.5'	Former Building Predating	C			3D (B-58, B-59, B-60)
	2.5' - 3.0'	1947	C			-
T-1	0' - 0.5'	Pad-Mounted		D		
	2.5' - 3.0'	Transformer		-		
T-1 DUP	0' - 0.5'	Duplicate		D DUP		
	2.5' - 3.0'			-		
T-2	0' - 0.5'	Pole-Mounted		D		
	2.5' - 3.0'	Transformer		-		
2 EB	NA	Quality Control	2D	2D	1D	2D
TOTAL			**46 C, 5 C DUP, 2 EB**	**32 D, 3 D DUP, 2 EB**	**8 D, 1 DUP, 1 EB**	**56 D, 6 D DUPs, 2 EB**

Notes:
No lead samples are proposed for B-44 through B-54 due to the building being surrounded with hardscape.
C = Composite Sample; D = Discrete Sample; - Sample will be archived for possible future analysis;
DUP = Duplicate; EB = Equipment Blank
Field duplicates will be collected at a frequency of approximately 10 percent of the primary samples collected.
Equipment blanks will be collected at a frequency of one per day of field activities.


ORIGIN ID:BLUA
TEST AMERICA
EUROFINS TESTAMERICA W SACRAMENTO
880 RIVERSIDE PARKWAY
WEST SACRAMENTO, CA 95605
UNITED STATES US
SHIP DATE: 030CT23
ACTWGT: 57.30 LB
CAD: 852262/CAFE3753
BILL SENDER
TO EUROFINS ENV. TESTING SOUTHWEST
SAMPLE RECEIVING
2841 DOW AVE
SUITE 100
TUSTIN CA 92780
(949) 261-1022
REF: SEND OUTS
570-155226 Waybill
Environment Testing
TestAmerica
Temperature Controlled
IF THIS SHIPMENT IS DELAYED IN TRANSIT,
STORE REFRIGERATED (2° TO 8° C / 36° TO 47° F)
TAL-0090(1016)
FedEx
Express
TRK# 0201 6201 1515 4100
WED - 04 O
PRIORITY OVER
92 DTHA
92780
CA-US
SNA
4824894 030ct 23:06 OAKH 577G9/3D0A/D486
MPS# 0263 6201 1515 4110
WED - 04 OCT AA
PRIORITY OVERNIGHT
92 DTHA
92780
CA-US
SNA

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-155226-1

Login Number: 155226
List Number: 1
Creator: Gutierrez, Rebecca

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764

Generated 10/25/2023 4:44:04 PM

JOB DESCRIPTION

Oak Ridge Elementary School / SCUS-08.0

JOB NUMBER

570-155226-2

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization

Generated
10/25/2023 4:44:04 PM

Authorized for release by
Lori Thompson, Project Manager I
Lori.Thompson@et.eurofinsus.com
(657)212-3035

Table of Contents

Definitions/Glossary

Client: PlaceWorks, Inc. Job ID: 570-155226-2
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: PlaceWorks, Inc. Job ID: 570-155226-2
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Job ID: 570-155226-2

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-155226-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/4/2023 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2°C and 2.1°C

Pesticides
Method 8081A: The following samples were prepared outside of preparation holding time due to extraction requested at end of HT : B-9 DUP @ 0.5' (570-155226-27), B-10 @ 0.5' (570-155226-29), and B-10 DUP @ 0.5' (570-155226-31).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-2
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-9 DUP @ 0.5'
Lab Sample ID: 570-155226-27

No Detections.

Client Sample ID: B-10 DUP @ 0.5'
Lab Sample ID: 570-155226-31

No Detections.

This Detection Summary does not include radiochemical test results.

Client: PlaceWorks, Inc.
Job ID: 570-155226-2
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: B-9 DUP @ 0.5'
Lab Sample ID: 570-155226-27
Date Collected: 10/03/23 09:10
Matrix: Solid
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND	H	4.9		ug/Kg		10/18/23 18:51	10/21/23 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*44*		*38 - 148*	*10/18/23 18:51*	*10/21/23 11:25*	*1*
DCB Decachlorobiphenyl (Surr)	*56*		*37 - 151*	*10/18/23 18:51*	*10/21/23 11:25*	*1*

Client Sample ID: B-10 DUP @ 0.5'
Lab Sample ID: 570-155226-31
Date Collected: 10/03/23 09:20
Matrix: Solid
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND	H	5.0		ug/Kg		10/24/23 10:42	10/25/23 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*42*		*38 - 148*	*10/24/23 10:42*	*10/25/23 13:10*	*1*
DCB Decachlorobiphenyl (Surr)	*42*		*37 - 151*	*10/24/23 10:42*	*10/25/23 13:10*	*1*

Surrogate Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-2
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-155226-27	B-9 DUP @ 0.5'	44	56

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB2
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-155226-31	B-10 DUP @ 0.5'	42	42
LCS 570-375023/2-A	Lab Control Sample	80	85
LCS 570-376671/2-A	Lab Control Sample	83	96
LCSD 570-375023/3-A	Lab Control Sample Dup	77	83
LCSD 570-376671/3-A	Lab Control Sample Dup	83	98
MB 570-375023/1-A	Method Blank	79	86
MB 570-376671/1-A	Method Blank	95	115

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-375023/1-A
Matrix: Solid
Analysis Batch: 375472

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 375023

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		5.0		ug/Kg		10/18/23 18:50	10/20/23 21:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*79*		*38 - 148*	*10/18/23 18:50*	*10/20/23 21:42*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*37 - 151*	*10/18/23 18:50*	*10/20/23 21:42*	*1*

Lab Sample ID: LCS 570-375023/2-A
Matrix: Solid
Analysis Batch: 375472

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 375023

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dieldrin			25.0	18.24		ug/Kg		73	52 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*80*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*85*		*37 - 151*

Lab Sample ID: LCSD 570-375023/3-A
Matrix: Solid
Analysis Batch: 375472

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 375023

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dieldrin			25.0	17.62		ug/Kg		70	52 - 144	3	28

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*77*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*83*		*37 - 151*

Lab Sample ID: MB 570-376671/1-A
Matrix: Solid
Analysis Batch: 376887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 376671

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		5.0		ug/Kg		10/24/23 10:42	10/25/23 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*95*		*38 - 148*	*10/24/23 10:42*	*10/25/23 11:39*	*1*
DCB Decachlorobiphenyl (Surr)	*115*		*37 - 151*	*10/24/23 10:42*	*10/25/23 11:39*	*1*

Lab Sample ID: LCS 570-376671/2-A
Matrix: Solid
Analysis Batch: 376887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 376671

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dieldrin			25.0	19.25		ug/Kg		77	52 - 144		

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-376671/2-A
Matrix: Solid
Analysis Batch: 376887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 376671

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*83*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*96*		*37 - 151*

Lab Sample ID: LCSD 570-376671/3-A
Matrix: Solid
Analysis Batch: 376887

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 376671

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dieldrin			25.0	19.59		ug/Kg		78	52 - 144	2	28

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*83*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*98*		*37 - 151*

QC Association Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-2
Project/Site: Oak Ridge Elementary School / SCUS-08.0

GC Semi VOA

Prep Batch: 375023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-27	B-9 DUP @ 0.5'	Total/NA	Solid	3546	
MB 570-375023/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-375023/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-375023/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 375472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-375023/1-A	Method Blank	Total/NA	Solid	8081A	375023
LCS 570-375023/2-A	Lab Control Sample	Total/NA	Solid	8081A	375023
LCSD 570-375023/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	375023

Analysis Batch: 375822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-27	B-9 DUP @ 0.5'	Total/NA	Solid	8081A	375023

Prep Batch: 376671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-31	B-10 DUP @ 0.5'	Total/NA	Solid	3546	
MB 570-376671/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-376671/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-376671/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 376887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-31	B-10 DUP @ 0.5'	Total/NA	Solid	8081A	376671
MB 570-376671/1-A	Method Blank	Total/NA	Solid	8081A	376671
LCS 570-376671/2-A	Lab Control Sample	Total/NA	Solid	8081A	376671
LCSD 570-376671/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	376671

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-2
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-9 DUP @ 0.5'
Lab Sample ID: 570-155226-27
Date Collected: 10/03/23 09:10
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.31 g	10 mL	375023	10/18/23 18:51	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	375822	10/21/23 11:25	N5Y3	EET CAL 4
	Instrument ID: GC54A									

Client Sample ID: B-10 DUP @ 0.5'
Lab Sample ID: 570-155226-31
Date Collected: 10/03/23 09:20
Matrix: Solid
Date Received: 10/04/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.15 g	10 mL	376671	10/24/23 10:42	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	376887	10/25/23 13:10	N5Y3	EET CAL 4
	Instrument ID: GC54A									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-2
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24

Method Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-2
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-2
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-155226-27	B-9 DUP @ 0.5'	Solid	10/03/23 09:10	10/04/23 09:35
570-155226-31	B-10 DUP @ 0.5'	Solid	10/03/23 09:20	10/04/23 09:35

Lori Thompson

From: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Sent: Thursday, October 19, 2023 11:39 AM
To: Lori Thompson
Subject: RE: Eurofins Calscience report and EDD files from 570-155226-1 Oak Ridge Elementary School / SCUS-08.0

Yes, please expedite,
Thanks,
Cathy

From: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Sent: Thursday, October 19, 2023 8:08 AM
To: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Subject: RE: Eurofins Calscience report and EDD files from 570-155226-1 Oak Ridge Elementary School / SCUS-08.0

Cathy,

The 5-day rush has a 25% markup.

Lori Thompson (she/her)
Team Lead / Project Manager

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Mobile: 714-620-9205
Lab: 714-895-5494

Lori.Thompson@ET.EurofinsUS.com
www.EurofinsUS.com/Env

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From: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Sent: Thursday, October 19, 2023 7:58 AM
To: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Subject: RE: Eurofins Calscience report and EDD files from 570-155226-1 Oak Ridge Elementary School / SCUS-08.0

How much is the rush charge?
Thanks,
Cathy

From: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Sent: Wednesday, October 18, 2023 6:33 PM
To: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Subject: RE: Eurofins Calscience report and EDD files from 570-155226-1 Oak Ridge Elementary School / SCUS-08.0

Hi Cathy,

I added these in and alerted the lab. Unfortunately, HT expired yesterday and the lab was not able to start extraction last night so there will be H-flags on the data. Extractions should have started today. Do you need rush TAT for these or will standard 10-day be sufficient?

Thank you!

Lori Thompson (she/her)
Team Lead / Project Manager

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Lab: 714-895-5494

Lori.Thompson@ET.EurofinsUS.com
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From: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Sent: Tuesday, October 17, 2023 3:24 PM

To: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Subject: RE: Eurofins Calscience report and EDD files from 570-155226-1 Oak Ridge Elementary School / SCUS-08.0

Thanks, one more thing for this project. We had a hit for dieldrin in Composite B-9DUP, B-10DUP @ 0.5 feet. Would it be possible to run the OCPs for B-9DUP and B-10DUP separately so we can figure out which sample is contributing to the dieldrin hit.
Cathy

From: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Sent: Tuesday, October 17, 2023 3:20 PM
To: Cathy Fitzgerald <cfitzgerald@placeworks.com>; Dwayne Mears <dmears@placeworks.com>
Subject: Eurofins Calscience report and EDD files from 570-155226-1 Oak Ridge Elementary School / SCUS-08.0

Hello,

Attached please find the revised report report and EDD files for job 570-155226-1; Oak Ridge Elementary School / SCUS-08.0 with E-flagged value removed.

Please feel free to contact me if you have any questions.

Thank you.

Lori Thompson
Project Manager

Eurofins Calscience
Phone: 657-212-3035
Mobile: 714-620-9205

E-mail: Lori.Thompson@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [570-533197]
Attachments: 2

155226
2459
WGP

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
1	T-1 @ 0.5'	10/3	7:40	G	Solid				X				C = Composite Sample
2	T-1 @ 2.5'		7:40	G	Solid								D = Discrete Sample; - Sample will be archived for possible future analysis
3	T-1 DUP @ 0.5'		7:45	G	Solid				X				DUP = Duplicate
4	T-1 DUP @ 2.5'		7:45	G	Solid								EB = Equipment Blank
5	B-1 @ 0.5'		7:50	G	Solid			C	X		X		
6	B-1 @ 2.5'		7:50	G	Solid			C					
7	B-2 @ 0.5'		8:00	G	Solid			C	X		X		
8	B-2 @ 2.5'		8:00	G	Solid			C					
9	B-3 @ 0.5'		8:05	G	Solid			C	X		X		
10	B-3 @ 2.5'		8:05	G	Solid			C					
11	B-4 @ 0.5'		8:15	G	Solid			C	X		X		

570-155226 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miles Barker	10/3 12:05	PLACEWORKS		10/3/23 1205	SEB
2		10-3-23 1630	EETCS		10/4/23 0937	ET
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.2/2.1, 1.3/1.2 SCR

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify); Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
12	B-4 @ 2.5'	10/3	8:15	G	Solid			C					C = Composite Sample
13	B-5 @ 0.5'		8:25	G	Solid			C	X		X		D = Discrete Sample; - Sample will be archived for possible future analysis
14	B-5 @ 2.5'		8:25	G	Solid			C					DUP = Duplicate
15	B-6 @ 0.5'		8:30	G	Solid			C	X		X		EB = Equipment Blank
16	B-6 @ 2.5'		8:30	G	Solid			C					
17	B-7 @ 0.5'		8:45	G	Solid			C	X		X		
18	B-7 @ 2.5'		8:45	G	Solid			C					
19	B-7 DUP @ 0.5'		8:50	G	Solid			C	X		X		
20	B-7 DUP @ 2.5'		8:50	G	Solid			C					
21	B-8 @ 0.5'		8:55	G	Solid			C	X		X		
22	B-8 @ 2.5'	↓	8:55	G	Solid			C					
23													

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miles Barker	10/3 12:05	PLACEWORKS		10/3/23 1605	ESS
2		10.3.23 1630	EETCA		10/4/23 0935	ET
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 SC2

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
23	B-8 DUP @ 0.5'	10/3	9:00	G	Solid			C	X		X		C = Composite Sample
24	B-8 DUP @ 2.5'		9:30	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
25	B-9 @ 0.5'		9:05	G	Solid			C	X		X		DUP = Duplicate
26	B-9 @ 2.5'		9:05	G	Solid			C					EB = Equipment Blank
27	B-9 DUP @ 0.5'		9:10	G	Solid			C			X		
28	B-9 DUP @ 2.5'		9:10	G	Solid			C					
29	B-10 @ 0.5'		9:15	G	Solid			C	X		X		
30	B-10 @ 2.5'		9:15	G	Solid			C					
31	B-10 DUP @ 0.5'		9:20	G	Solid			C			X		
32	B-10 DUP @ 2.5'		9:20	G	Solid			C					
33	B-11 @ 0.5'		9:25	G	Solid			C	X		X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: 5a 10/3

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/3 1215	PLACEWORKS	[signature]	10/3/23 1205	EBL
2	[signature]	10-3-23 1630	ETCA	[signature]	10/4/23 0935	EC
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 5C/2

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:			Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			
City: Ontario	TAT Requested (days): ~~10 days~~ 3 days			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify); Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
34	B-11 @ 2.5'	10/3	9:25	G	Solid			C					C = Composite Sample
35	B-12 @ 0.5'		9:30	G	Solid			C	X		X		D = Discrete Sample; - Sample will be archived for possible future analysis
36	B-12 @ 2.5'		9:32	G	Solid			C					DUP = Duplicate
37	B-13 @ 0.5'		9:35	G	Solid			C	X		X		EB = Equipment Blank
38	B-13 @ 2.5'		9:35	G	Solid			C					
39	B-14 @ 0.5'		9:40	G	Solid			C	X		X		
40	B-14 @ 2.5'		9:40	G	Solid			C					
41	B-15 @ 0.5'		9:45	G	Solid			C	X		X		
42	B-15 @ 2.5'		9:45	G	Solid			C					
43	B-16 @ 0.5'		9:55	G	Solid			C	X		X		
44	B-16 @ 2.5'		9:55	G	Solid			C					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miles Barker	10/3 1205	PLACEWORKS		10/3/23 1205	ETA
2		10-3-23 1630	ETCA		10/4/23 0935	FL
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3 / 1.2 SC12

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 Days			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
45	B-17 @ 0.5'	10/3	10:05	G	Solid			C	X		X		C = Composite Sample
46	B-17 @ 2.5'		10:05	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
47	B-18 @ 0.5'		10:10	G	Solid			C	X		X		DUP = Duplicate
48	B-18 @ 2.5'		10:10	G	Solid			C					EB = Equipment Blank
49	B-19 @ 0.5'		10:15	G	Solid			C	X		X		
50	B-19 @ 2.5'		10:15	G	Solid			C					
51	B-20 @ 0.5'		10:20	G	Solid			C			X		
52	B-20 @ 2.5'		10:20	G	Solid			C					
53	B-21 @ 0.5'		10:25	↓	↓			C			X		
54	B-21 @ 2.5'	↓	10:25	↓	↓			C					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
1		10/3 12:05	PLACEWORKS		10/3/23 1605	~~ET~~ TSC
2		10-3-23 1630	~~ET~~ CA		10/4/23 0935	EC
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3 / 1.2 5C12

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
55	B-22 @ 0.5'	10/3	10:40	G	Solid			C	X		X		C = Composite Sample
56	B-22 @ 2.5'		10:40	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
57	B-23 @ 0.5'		10:45	G	Solid			C	X		X		DUP = Duplicate
58	B-23 @ 2.5'		10:45	G	Solid			C					EB = Equipment Blank
59	B-24 @ 0.5'		10:50	G	Solid			C	X		X		
60	B-24 @ 2.5'		10:50	G	Solid			C					
61	B-25 @ 0.5'		10:55	G	Solid			C	X		X		
62	B-25 @ 2.5'		10:55	G	Solid			C					
63	B-26 @ 0.5'		11:00	G	Solid			C			X		
64	B-26 @ 2.5'		11:00	G	Solid			C					
65	B-27 @ 0.5'		11:05	G	Solid			C			X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	PLACEWORKS	10/3 12:05	PLACEWORKS		10/3/23 1600	EET DA
2		10.3.23 1630	EET CA		10/4/23 0935	ET
3		Date/Time:	Company		Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 SCI2

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: MILES BARKER	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #:			
Email: mwatson@placeworks.com	WO #:			
Project Name: ~~Nicholas Elementary School-Sacramento City USD~~ SCUS-0.80	Project #: ~~37016150~~			
Site: OAK RIDGE ELEMENTARY SCHOOL	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	MS/MSD	8081A Pesticides EPA 5081A	8010B - Arsenic and Lead	8082 PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	D	N		
				~~Water~~						1	C = COMPOSITE
				~~Water~~						2	SAMPLE
66 B-27 @ 2.5'	10/3	11:05	G	SOIL			C				EB = EQUIPMENT
EB 10.03.23	↓	11:15		WATER							BLANK
67 ER 10.03.23		11:15		WATER							

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/3 12:05	PLACEWORKS	[signature]	10/3/23 1605	EETC
Relinquished by: [signature]	Date/Time: 10.3.23 1630	Company EETC	Received by: [signature]	Date/Time: 10/4/23 0935	Company EC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 SCI'S

TABLE 1
SOIL SAMPLING AND ANALYSIS PROGRAM
Oak Ridge Elementary School Rebuild Project
Sacramento City Unified School District
Sacramento, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A Organochlorine Pesticides	EPA 8082 Polychlorinated Biphenyls	EPA 6010B Arsenic	EPA 6010B Lead
A-1, A-6	0' - 0.5'	Former Agriculture	C		2D (A-1, A-6)	2D (A-1, A-6)
	2.5' - 3.0'		-		-	-
A-1 DUP, A-6 DUP	0' - 0.5'	Duplicate	C DUP		D DUP (A-1 DUP)	2D DUP (A-1 DUP, A-6 DUP)
	2.5' - 3.0'		-		-	-
A-2, A-3	0' - 0.5'	Former Agriculture	C		2D (A-2, A-3)	2D (A-2, A-3)
	2.5' - 3.0'		-		-	-
A-4, A-5	0' - 0.5'	Former Agriculture	C		2D (A-4, A-5)	2D (A-4, A-5)
	2.5' - 3.0'		-		-	-
A-7, A-8	0' - 0.5'	Former Agriculture	C		2D (A-7, A-8)	2D (A-7, A-8)
	2.5' - 3.0'		-		-	-
B-1, B-2, B-3	0' - 0.5'	Existing Building	C	3D (B-1, B-2, B-3)		3D (B-1, B-2, B-3)
	2.5' - 3.0'	Predating 1978	C	-		-
B-4, B-5, B-6	0' - 0.5'	Existing Building	C	3D (B-4, B-5, B-6)		3D (B-4, B-5, B-6)
	2.5' - 3.0'	Predating 1978	C			-
B-7, B-8	0' - 0.5'	Existing Building	C	2D (B-7, B-8)		2D (B-7, B-8)
	2.5' - 3.0'	Predating 1978	C	-		-
B-7 DUP, B-8 DUP	0' - 0.5'	Duplicate	C DUP	2D DUP (B-7 DUP, B-8 DUP)		2D DUP (B-7 DUP, B-8 DUP)
	2.5' - 3.0'		C DUP	-		-
B-9, B-10	0' - 0.5'	Existing Building	C	2D (B-9, B-10)		2D (B-9, B-10)
	2.5' - 3.0'	Predating 1978	C	-		-
B-9 DUP, B-10 DUP	0' - 0.5'	Duplicate	C DUP			2D DUP (B-9 DUP, B-10 DUP)
	2.5' - 3.0'		C DUP			-
B-11, B-12, B-13	0' - 0.5'	Existing Building	C	3D (B-11, B-12, B-13)		3D (B-11, B-12, B-13)
	2.5' - 3.0'	Predating 1978	C	-		-
B-14, B-15	0' - 0.5'	Existing Building	C	2D (B-14, B-15)		2D (B-14, B-15)
	2.5' - 3.0'	Predating 1978	C	-		-
B-16, B-17, B-18	0' - 0.5'	Existing Building	C	3D (B-16, B-17, B-18)		3D (B-16, B-17, B-18)
	2.5' - 3.0'	Predating 1978	C	-		-
B-19, B-20, B-21	0' - 0.5'	Existing Building	C	D (B-19)		3D (B-19, B-20, B-21)
	2.5' - 3.0'	Predating 1978	C	-		-
B-22, B-23, B-24	0' - 0.5'	Existing Building	C	3D (B-22, B-23, B-24)		3D (B-22, B-23, B-24)
	2.5' - 3.0'	Predating 1978	C	-		-
B-25, B-26, B-27	0' - 0.5'	Existing Building	C	D (B-25)		3D (B-25, B-26, B-27)
	2.5' - 3.0'	Predating 1978	C	-		-
B-28, B-29, B-30	0' - 0.5'	Existing Building	C	3D (B-28, B-29, B-30)		3D (B-28, B-29, B-30)
	2.5' - 3.0'	Predating 1978	C	-		-
B-31, B-32, B-33	0' - 0.5'	Existing Building	C	2D (B-31, B-32)		3D (B-31, B-32, B-33)
	2.5' - 3.0'	Predating 1978	C	-		-
B-34, B-35, B-36	0' - 0.5'	Existing Building	C			3D (B-34, B-35, B-36)
	2.5' - 3.0'	Predating 1978	C			-
B-37, B-38, B-39	0' - 0.5'	Existing Building	C			3D (B-37, B-38, B-39)
	2.5' - 3.0'	Predating 1978	C			-
B-40, B-41, B-42, B-43	0' - 0.5'	Existing Building	C	2D (B-40, B-41)		4D (B-40, B-41, B-42, B-43)
	2.5' - 3.0'	Predating 1978	C	-		-
B-44, B-45	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-46, B-47, B-48	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-49, B-50, B-51	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-52, B-53, B-54	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-55, B-56, B-57	0' - 0.5'	Former Building Predating	C			3D (B-55, B-56, B-57)
	2.5' - 3.0'	1947	C			-
B-58, B-59, B-60	0' - 0.5'	Former Building Predating	C			3D (B-58, B-59, B-60)
	2.5' - 3.0'	1947	C			-
T-1	0' - 0.5'	Pad-Mounted		D		
	2.5' - 3.0'	Transformer		-		
T-1 DUP	0' - 0.5'	Duplicate		D DUP		
	2.5' - 3.0'			-		
T-2	0' - 0.5'	Pole-Mounted		D		
	2.5' - 3.0'	Transformer		-		
2 EB	NA	Quality Control	2D	2D	1D	2D
TOTAL			**46 C, 5 C DUP, 2 EB**	**32 D, 3 D DUP, 2 EB**	**8 D, 1 DUP, 1 EB**	**56 D, 6 D DUPs, 2 EB**

Notes:
No lead samples are proposed for B-44 through B-54 due to the building being surrounded with hardscape.
C = Composite Sample; D = Discrete Sample; - Sample will be archived for possible future analysis;
DUP = Duplicate; EB = Equipment Blank
Field duplicates will be collected at a frequency of approximately 10 percent of the primary samples collected.
Equipment blanks will be collected at a frequency of one per day of field activities.


ORIGIN ID:BLUA
TEST AMERICA
EUROFINS TESTAMERICA W SACRAMENTO
880 RIVERSIDE PARKWAY
WEST SACRAMENTO, CA 95605
UNITED STATES US
SHIP DATE: 030CT23
ACTWGT: 57.30 LB
CAD: 852262/CAFE3753
BILL SENDER
TO EUROFINS ENV. TESTING SOUTHWEST
SAMPLE RECEIVING
2841 DOW AVE
SUITE 100
TUSTIN CA 92780
(949) 261-1022
REF: SEND OUTS
570-155226 Waybill
Temperature Controlled
IF THIS SHIPMENT IS DELAYED IN TRANSIT,
STORE REFRIGERATED (2° TO 8° C / 36° TO 47° F)
TAL-0090(1016)
FedEx
Express
TRK# 0201 6201 1515 4100
WED - 04 O
PRIORITY OVER
92 DTHA
92780
CA-US
SNA
4824894 030ct 23:06 OAKH 577G9/3D0A/D486
MPS# 0263 6201 1515 4110
WED - 04 OCT AA
PRIORITY OVERNIGHT
92 DTHA
92780
CA-US
SNA

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-155226-2

Login Number: 155226
List Number: 1
Creator: Gutierrez, Rebecca

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764

Generated 10/16/2023 11:21:01 AM Revision 1

JOB DESCRIPTION

SCUS-08.0

JOB NUMBER

570-155379-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization

Generated
10/16/2023 11:21:01 AM
Revision 1

Authorized for release by
Lori Thompson, Project Manager I
Lori.Thompson@et.eurofinsus.com
(657)212-3035

Table of Contents

Definitions/Glossary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-155379-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-155379-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Revision
The report being provided is a revision of the original report sent on 10/16/2023. The report (revision 1) is being revised due to: Arsenic results added to some samples.

Receipt
The samples were received on 10/5/2023 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C

Receipt Exceptions
The following sample was received without client sample ID/collection date/time written on the sample label: EB 10.04.23 (570-155379-57) Sample -57 is in the same cooler with other samples.

PCBs
Method 8082: The following sample required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: EB 10.04.23 (570-155379-57). The reagent lot number used was: 2895226.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 8081A: The following sample required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: EB 10.04.23 (570-155379-57). The reagent lot number used was: 2895226.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Organic Prep
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: B-44 @ 0.5' — Lab Sample ID: 570-155379-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-44 @ 2.5' — Lab Sample ID: 570-155379-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-45 @ 0.5' — Lab Sample ID: 570-155379-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-45 @ 2.5' — Lab Sample ID: 570-155379-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-46 @ 0.5' — Lab Sample ID: 570-155379-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-46 @ 2.5' — Lab Sample ID: 570-155379-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-47 @ 0.5' — Lab Sample ID: 570-155379-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-47 @ 2.5' — Lab Sample ID: 570-155379-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-48 @ 0.5' — Lab Sample ID: 570-155379-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-48 @ 2.5' — Lab Sample ID: 570-155379-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-49 @ 0.5' — Lab Sample ID: 570-155379-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-49 @ 2.5' — Lab Sample ID: 570-155379-12

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: B-50 @ 0.5' — Lab Sample ID: 570-155379-13

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-50 @ 2.5' — Lab Sample ID: 570-155379-14

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-51 @ 0.5' — Lab Sample ID: 570-155379-15

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-51 @ 2.5' — Lab Sample ID: 570-155379-16

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-52 @ 0.5' — Lab Sample ID: 570-155379-17

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-52 @ 2.5' — Lab Sample ID: 570-155379-18

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-53 @ 0.5' — Lab Sample ID: 570-155379-19

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-53 @ 2.5' — Lab Sample ID: 570-155379-20

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-54 @ 0.5' — Lab Sample ID: 570-155379-21

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-54 @ 2.5' — Lab Sample ID: 570-155379-22

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-55 @ 0.5' — Lab Sample ID: 570-155379-23

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	57.3		1.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: B-55 @ 2.5' — Lab Sample ID: 570-155379-24

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-56 @ 0.5' — Lab Sample ID: 570-155379-25

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	367		2.00		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-56 @ 2.5' — Lab Sample ID: 570-155379-26

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-57 @ 0.5' — Lab Sample ID: 570-155379-27

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	68.9		1.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-57 @ 2.5' — Lab Sample ID: 570-155379-28

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-58 @ 0.5' — Lab Sample ID: 570-155379-29

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	39.4		1.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-58 @ 2.5' — Lab Sample ID: 570-155379-30

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-59 @ 0.5' — Lab Sample ID: 570-155379-31

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	36.8		1.96		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-59 @ 2.5' — Lab Sample ID: 570-155379-32

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-60 @ 0.5' — Lab Sample ID: 570-155379-33

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	37.8		1.96		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-60 @ 2.5' — Lab Sample ID: 570-155379-34

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: T-2 @ 0.5' — Lab Sample ID: 570-155379-35

No Detections.

Client Sample ID: A-1 @ 0.5' — Lab Sample ID: 570-155379-37

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	75.9		1.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: A-1 DUP @ 0.5' — Lab Sample ID: 570-155379-39

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	89.7		2.01		mg/Kg	5		6010B	Total/NA
Arsenic	3.07		3.02		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: A-6 @ 0.5' — Lab Sample ID: 570-155379-41

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	14.8		1.95		mg/Kg	5		6010B	Total/NA
Arsenic	4.18		2.93		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: A-6 DUP @ 0.5' — Lab Sample ID: 570-155379-43

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	17.8		2.00		mg/Kg	5		6010B	Total/NA
Arsenic	4.11		3.00		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: A-2 @ 0.5' — Lab Sample ID: 570-155379-45

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	20.6		1.96		mg/Kg	5		6010B	Total/NA
Arsenic	3.39		2.94		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: A-3 @ 0.5' — Lab Sample ID: 570-155379-47

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	34.7		1.95		mg/Kg	5		6010B	Total/NA
Arsenic	3.18		2.93		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: A-4 @ 0.5' — Lab Sample ID: 570-155379-49

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	13.9		1.98		mg/Kg	5		6010B	Total/NA
Arsenic	3.73		2.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: A-5 @ 0.5' — Lab Sample ID: 570-155379-51

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	16.6		1.99		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: A-7 @ 0.5' — Lab Sample ID: 570-155379-53

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	14.9		1.98		mg/Kg	5		6010B	Total/NA
Arsenic	4.73		2.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: A-8 @ 0.5' — Lab Sample ID: 570-155379-55

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	20.9		1.98		mg/Kg	5		6010B	Total/NA
Arsenic	4.02		2.97		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: EB 10.04.23 — Lab Sample ID: 570-155379-57

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
PCB-1260	3.5		0.42		ug/L	1		8082	Total/NA

Client Sample ID: B-44, B-45 @ 0.5' Composite — Lab Sample ID: 570-155379-58

No Detections.

Client Sample ID: B-44, B-45 @ 2.5' Composite — Lab Sample ID: 570-155379-59

No Detections.

Client Sample ID: B-46, B-47, B-48 @ 0.5' Composite — Lab Sample ID: 570-155379-60

No Detections.

Client Sample ID: B-46, B-47, B-48 @ 2.5' Composite — Lab Sample ID: 570-155379-61

No Detections.

Client Sample ID: B-49, B-50, B-51 @ 0.5' Composite — Lab Sample ID: 570-155379-62

No Detections.

Client Sample ID: B-49, B-50, B-51 @ 2.5' Composite — Lab Sample ID: 570-155379-63

No Detections.

Client Sample ID: B-52, B-53, B-54 @ 0.5' Composite — Lab Sample ID: 570-155379-64

No Detections.

Client Sample ID: B-52, B-53, B-54 @ 2.5' Composite — Lab Sample ID: 570-155379-65

No Detections.

Client Sample ID: B-55, B-56, B-57 @ 0.5' Composite — Lab Sample ID: 570-155379-66

No Detections.

Client Sample ID: B-55, B-56, B-57 @ 2.5' Composite — Lab Sample ID: 570-155379-67

No Detections.

Client Sample ID: B-58, B-59, B-60 @ 0.5' Composite — Lab Sample ID: 570-155379-68

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: B-58, B-59, B-60 @ 2.5' Composite — Lab Sample ID: 570-155379-69

No Detections.

Client Sample ID: A-1, A-6 @ 0.5' Composite — Lab Sample ID: 570-155379-70

No Detections.

Client Sample ID: A-1 DUP, A-6 DUP @ 0.5' Composite — Lab Sample ID: 570-155379-71

No Detections.

Client Sample ID: A-2, A-3 @ 0.5' Composite — Lab Sample ID: 570-155379-72

No Detections.

Client Sample ID: A-4, A-5 @ 0.5' Composite — Lab Sample ID: 570-155379-73

No Detections.

Client Sample ID: A-7, A-8 @ 0.5' Composite — Lab Sample ID: 570-155379-74

No Detections.

This Detection Summary does not include radiochemical test results.

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: EB 10.04.23
Date Collected: 10/04/23 12:20
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-57
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.042		ug/L		10/10/23 08:09	10/11/23 17:44	1
4,4'-DDE	ND		0.021		ug/L		10/10/23 08:09	10/11/23 17:44	1
4,4'-DDT	ND		0.021		ug/L		10/10/23 08:09	10/11/23 17:44	1
Aldrin	ND		0.021		ug/L		10/10/23 08:09	10/11/23 17:44	1
alpha-BHC	ND		0.0084		ug/L		10/10/23 08:09	10/11/23 17:44	1
cis-Chlordane	ND		0.021		ug/L		10/10/23 08:09	10/11/23 17:44	1
beta-BHC	ND		0.032		ug/L		10/10/23 08:09	10/11/23 17:44	1
delta-BHC	ND		0.021		ug/L		10/10/23 08:09	10/11/23 17:44	1
Dieldrin	ND		0.021		ug/L		10/10/23 08:09	10/11/23 17:44	1
Endosulfan I	ND		0.0084		ug/L		10/10/23 08:09	10/11/23 17:44	1
Endosulfan II	ND		0.042		ug/L		10/10/23 08:09	10/11/23 17:44	1
Endosulfan sulfate	ND		0.021		ug/L		10/10/23 08:09	10/11/23 17:44	1
Endrin	ND		0.021		ug/L		10/10/23 08:09	10/11/23 17:44	1
Endrin aldehyde	ND		0.21		ug/L		10/10/23 08:09	10/11/23 17:44	1
Endrin ketone	ND		0.021		ug/L		10/10/23 08:09	10/11/23 17:44	1
gamma-BHC (Lindane)	ND		0.0084		ug/L		10/10/23 08:09	10/11/23 17:44	1
trans-Chlordane	ND		0.063		ug/L		10/10/23 08:09	10/11/23 17:44	1
Heptachlor	ND		0.0084		ug/L		10/10/23 08:09	10/11/23 17:44	1
Heptachlor epoxide	ND		0.042		ug/L		10/10/23 08:09	10/11/23 17:44	1
Methoxychlor	ND		0.042		ug/L		10/10/23 08:09	10/11/23 17:44	1
Toxaphene	ND		0.42		ug/L		10/10/23 08:09	10/11/23 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*52*		*49 - 132*	*10/10/23 08:09*	*10/11/23 17:44*	*1*
DCB Decachlorobiphenyl (Surr)	*49*		*10 - 142*	*10/10/23 08:09*	*10/11/23 17:44*	*1*

Client Sample ID: B-44, B-45 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-58
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
4,4'-DDE	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
4,4'-DDT	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Aldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
alpha-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
cis-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
beta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
delta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Dieldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Endosulfan I	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Endosulfan II	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Endosulfan sulfate	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Endrin	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Endrin aldehyde	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Endrin ketone	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
trans-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Heptachlor	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Methoxychlor	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/13/23 23:04	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-44, B-45 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-58
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/13/23 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*67*		*38 - 148*	*10/09/23 11:06*	*10/13/23 23:04*	*1*
DCB Decachlorobiphenyl (Surr)	*50*	*p*	*37 - 151*	*10/09/23 11:06*	*10/13/23 23:04*	*1*

Client Sample ID: B-44, B-45 @ 2.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-59
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Endosulfan sulfate	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Methoxychlor	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/13/23 23:18	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/13/23 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*72*		*38 - 148*	*10/09/23 11:06*	*10/13/23 23:18*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*37 - 151*	*10/09/23 11:06*	*10/13/23 23:18*	*1*

Client Sample ID: B-46, B-47, B-48 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-60
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
4,4'-DDE	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
4,4'-DDT	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
Aldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
alpha-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
cis-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
beta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
delta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
Dieldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
Endosulfan I	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-46, B-47, B-48 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-60
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
Endosulfan sulfate	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
Endrin	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
Endrin aldehyde	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
Endrin ketone	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
trans-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
Heptachlor	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
Methoxychlor	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/13/23 23:32	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/13/23 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*65*		*38 - 148*	*10/09/23 11:06*	*10/13/23 23:32*	*1*
DCB Decachlorobiphenyl (Surr)	*103*		*37 - 151*	*10/09/23 11:06*	*10/13/23 23:32*	*1*

Client Sample ID: B-46, B-47, B-48 @ 2.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-61
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Endosulfan sulfate	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Methoxychlor	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/13/23 23:46	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/13/23 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*72*		*38 - 148*	*10/09/23 11:06*	*10/13/23 23:46*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*37 - 151*	*10/09/23 11:06*	*10/13/23 23:46*	*1*

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: B-49, B-50, B-51 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-62
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
4,4'-DDE	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
4,4'-DDT	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Aldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
alpha-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
cis-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
beta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
delta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Dieldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Endosulfan I	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Endosulfan II	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Endosulfan sulfate	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Endrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Endrin aldehyde	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Endrin ketone	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
trans-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Heptachlor	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Methoxychlor	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/14/23 00:01	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*66*		*38 - 148*	*10/09/23 11:06*	*10/14/23 00:01*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*37 - 151*	*10/09/23 11:06*	*10/14/23 00:01*	*1*

Client Sample ID: B-49, B-50, B-51 @ 2.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-63
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
Endosulfan sulfate	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1
Methoxychlor	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 00:15	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-49, B-50, B-51 @ 2.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-63
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*73*		*38 - 148*	*10/09/23 11:06*	*10/14/23 00:15*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*37 - 151*	*10/09/23 11:06*	*10/14/23 00:15*	*1*

Client Sample ID: B-52, B-53, B-54 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-64
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Endosulfan sulfate	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Methoxychlor	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 00:29	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*72*		*38 - 148*	*10/09/23 11:06*	*10/14/23 00:29*	*1*
DCB Decachlorobiphenyl (Surr)	*91*		*37 - 151*	*10/09/23 11:06*	*10/14/23 00:29*	*1*

Client Sample ID: B-52, B-53, B-54 @ 2.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-65
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-52, B-53, B-54 @ 2.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-65
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
Endosulfan sulfate	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
Methoxychlor	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 00:44	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*66*		*38 - 148*	*10/09/23 11:06*	*10/14/23 00:44*	*1*
DCB Decachlorobiphenyl (Surr)	*133*		*37 - 151*	*10/09/23 11:06*	*10/14/23 00:44*	*1*

Client Sample ID: B-55, B-56, B-57 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-66
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Endosulfan sulfate	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Methoxychlor	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 00:58	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*63*		*38 - 148*	*10/09/23 11:06*	*10/14/23 00:58*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*37 - 151*	*10/09/23 11:06*	*10/14/23 00:58*	*1*

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: B-55, B-56, B-57 @ 2.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-67
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Endosulfan sulfate	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Methoxychlor	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 01:12	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*69*		*38 - 148*	*10/09/23 11:06*	*10/14/23 01:12*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*37 - 151*	*10/09/23 11:06*	*10/14/23 01:12*	*1*

Client Sample ID: B-58, B-59, B-60 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-68
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
Endosulfan sulfate	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1
Methoxychlor	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 01:26	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-58, B-59, B-60 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-68
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*68*		*38 - 148*	*10/09/23 11:06*	*10/14/23 01:26*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*37 - 151*	*10/09/23 11:06*	*10/14/23 01:26*	*1*

Client Sample ID: B-58, B-59, B-60 @ 2.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-69
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Endosulfan sulfate	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Methoxychlor	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 01:41	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*71*		*38 - 148*	*10/09/23 11:06*	*10/14/23 01:41*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*37 - 151*	*10/09/23 11:06*	*10/14/23 01:41*	*1*

Client Sample ID: A-1, A-6 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-70
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
4,4'-DDE	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
4,4'-DDT	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
Aldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
alpha-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
cis-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
beta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
delta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
Dieldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
Endosulfan I	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: A-1, A-6 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-70
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
Endosulfan sulfate	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
Endrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
Endrin aldehyde	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
Endrin ketone	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
trans-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
Heptachlor	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
Methoxychlor	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/14/23 01:56	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*63*		*38 - 148*	*10/09/23 11:06*	*10/14/23 01:56*	*1*
DCB Decachlorobiphenyl (Surr)	*78*		*37 - 151*	*10/09/23 11:06*	*10/14/23 01:56*	*1*

Client Sample ID: A-1 DUP, A-6 DUP @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-71
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Endosulfan sulfate	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Methoxychlor	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 02:10	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*65*		*38 - 148*	*10/09/23 11:06*	*10/14/23 02:10*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*37 - 151*	*10/09/23 11:06*	*10/14/23 02:10*	*1*

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: A-2, A-3 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-72
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
4,4'-DDE	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
4,4'-DDT	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Aldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
alpha-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
cis-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
beta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
delta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Dieldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Endosulfan I	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Endosulfan II	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Endosulfan sulfate	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Endrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Endrin aldehyde	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Endrin ketone	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
trans-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Heptachlor	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Methoxychlor	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/14/23 02:24	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*59*		*38 - 148*	*10/09/23 11:06*	*10/14/23 02:24*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*37 - 151*	*10/09/23 11:06*	*10/14/23 02:24*	*1*

Client Sample ID: A-4, A-5 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-73
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
Endosulfan sulfate	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1
Methoxychlor	ND	*1	5.0		ug/Kg		10/09/23 11:06	10/14/23 02:39	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: A-4, A-5 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-73
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*64*		*38 - 148*	*10/09/23 11:06*	*10/14/23 02:39*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*37 - 151*	*10/09/23 11:06*	*10/14/23 02:39*	*1*

Client Sample ID: A-7, A-8 @ 0.5' Composite
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-74
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
4,4'-DDE	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
4,4'-DDT	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Aldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
alpha-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
cis-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
beta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
delta-BHC	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Dieldrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Endosulfan I	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Endosulfan II	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Endosulfan sulfate	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Endrin	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Endrin aldehyde	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Endrin ketone	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
trans-Chlordane	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Heptachlor	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Methoxychlor	ND	*1	4.9		ug/Kg		10/09/23 11:06	10/14/23 02:53	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/14/23 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*67*		*38 - 148*	*10/09/23 11:06*	*10/14/23 02:53*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*37 - 151*	*10/09/23 11:06*	*10/14/23 02:53*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: T-2 @ 0.5'
Date Collected: 10/04/23 08:45
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-35
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/05/23 15:12	10/09/23 19:13	1
PCB-1221	ND		49		ug/Kg		10/05/23 15:12	10/09/23 19:13	1
PCB-1232	ND		49		ug/Kg		10/05/23 15:12	10/09/23 19:13	1
PCB-1242	ND		49		ug/Kg		10/05/23 15:12	10/09/23 19:13	1
PCB-1248	ND		49		ug/Kg		10/05/23 15:12	10/09/23 19:13	1
PCB-1254	ND		49		ug/Kg		10/05/23 15:12	10/09/23 19:13	1
PCB-1260	ND		49		ug/Kg		10/05/23 15:12	10/09/23 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*20 - 120*	*10/05/23 15:12*	*10/09/23 19:13*	*1*
Tetrachloro-m-xylene (Surr)	*55*		*25 - 120*	*10/05/23 15:12*	*10/09/23 19:13*	*1*

Client Sample ID: EB 10.04.23
Date Collected: 10/04/23 12:20
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-57
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.42		ug/L		10/10/23 08:09	10/11/23 12:29	1
PCB-1221	ND		0.42		ug/L		10/10/23 08:09	10/11/23 12:29	1
PCB-1232	ND		0.42		ug/L		10/10/23 08:09	10/11/23 12:29	1
PCB-1242	ND		0.42		ug/L		10/10/23 08:09	10/11/23 12:29	1
PCB-1248	ND		0.42		ug/L		10/10/23 08:09	10/11/23 12:29	1
PCB-1254	ND		0.42		ug/L		10/10/23 08:09	10/11/23 12:29	1
PCB-1260	**3.5**		0.42		ug/L		10/10/23 08:09	10/11/23 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*62*		*20 - 122*	*10/10/23 08:09*	*10/11/23 12:29*	*1*
Tetrachloro-m-xylene (Surr)	*57*		*20 - 144*	*10/10/23 08:09*	*10/11/23 12:29*	*1*

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-55 @ 0.5'
Date Collected: 10/04/23 10:05
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-23
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	57.3		1.97		mg/Kg		10/13/23 05:39	10/13/23 13:35	5

Client Sample ID: B-56 @ 0.5'
Date Collected: 10/04/23 10:30
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-25
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	367		2.00		mg/Kg		10/13/23 05:39	10/13/23 13:25	5

Client Sample ID: B-57 @ 0.5'
Date Collected: 10/04/23 10:25
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-27
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	68.9		1.97		mg/Kg		10/13/23 05:39	10/13/23 13:37	5

Client Sample ID: B-58 @ 0.5'
Date Collected: 10/04/23 10:20
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-29
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	39.4		1.97		mg/Kg		10/13/23 05:39	10/13/23 13:40	5

Client Sample ID: B-59 @ 0.5'
Date Collected: 10/04/23 10:15
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-31
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	36.8		1.96		mg/Kg		10/13/23 05:39	10/13/23 13:42	5

Client Sample ID: B-60 @ 0.5'
Date Collected: 10/04/23 10:10
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-33
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	37.8		1.96		mg/Kg		10/13/23 05:39	10/13/23 13:44	5

Client Sample ID: A-1 @ 0.5'
Date Collected: 10/04/23 11:15
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-37
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	75.9		1.97		mg/Kg		10/13/23 05:39	10/13/23 13:47	5
Arsenic	ND		2.96		mg/Kg		10/13/23 05:39	10/13/23 13:47	5

Client Sample ID: A-1 DUP @ 0.5'
Date Collected: 10/04/23 11:20
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-39
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	89.7		2.01		mg/Kg		10/13/23 05:39	10/13/23 13:54	5
Arsenic	3.07		3.02		mg/Kg		10/13/23 05:39	10/13/23 13:54	5

Client Sample ID: A-6 @ 0.5'
Date Collected: 10/04/23 08:35
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-41
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	14.8		1.95		mg/Kg		10/13/23 05:39	10/13/23 13:56	5

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: A-6 @ 0.5'
Date Collected: 10/04/23 08:35
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-41
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.18		2.93		mg/Kg		10/13/23 05:39	10/13/23 13:56	5

Client Sample ID: A-6 DUP @ 0.5'
Date Collected: 10/04/23 08:40
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-43
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	17.8		2.00		mg/Kg		10/13/23 05:39	10/13/23 13:59	5
Arsenic	4.11		3.00		mg/Kg		10/13/23 05:39	10/13/23 13:59	5

Client Sample ID: A-2 @ 0.5'
Date Collected: 10/04/23 09:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-45
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.6		1.96		mg/Kg		10/13/23 05:39	10/13/23 14:01	5
Arsenic	3.39		2.94		mg/Kg		10/13/23 05:39	10/13/23 14:01	5

Client Sample ID: A-3 @ 0.5'
Date Collected: 10/04/23 09:25
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-47
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	34.7		1.95		mg/Kg		10/13/23 05:39	10/13/23 14:04	5
Arsenic	3.18		2.93		mg/Kg		10/13/23 05:39	10/13/23 14:04	5

Client Sample ID: A-4 @ 0.5'
Date Collected: 10/04/23 09:15
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-49
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	13.9		1.98		mg/Kg		10/13/23 05:39	10/13/23 14:06	5
Arsenic	3.73		2.97		mg/Kg		10/13/23 05:39	10/13/23 14:06	5

Client Sample ID: A-5 @ 0.5'
Date Collected: 10/04/23 09:10
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-51
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	16.6		1.99		mg/Kg		10/13/23 05:39	10/13/23 14:08	5
Arsenic	ND		2.99		mg/Kg		10/13/23 05:39	10/13/23 14:08	5

Client Sample ID: A-7 @ 0.5'
Date Collected: 10/04/23 09:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-53
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	14.9		1.98		mg/Kg		10/13/23 05:39	10/13/23 14:11	5
Arsenic	4.73		2.97		mg/Kg		10/13/23 05:39	10/13/23 14:11	5

Client Sample ID: A-8 @ 0.5'
Date Collected: 10/04/23 09:05
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-55
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.9		1.98		mg/Kg		10/13/23 05:39	10/13/23 14:14	5
Arsenic	4.02		2.97		mg/Kg		10/13/23 05:39	10/13/23 14:14	5

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Client Sample ID: EB 10.04.23
Date Collected: 10/04/23 12:20
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-57
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0500		mg/L		10/11/23 06:30	10/11/23 12:08	1
Arsenic	ND		0.100		mg/L		10/11/23 06:30	10/11/23 12:08	1

Method: Composite - Sample Compositing

Client Sample ID: B-44 @ 0.5'
Date Collected: 10/04/23 07:45
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-44 @ 2.5'
Date Collected: 10/04/23 07:45
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-45 @ 0.5'
Date Collected: 10/04/23 07:40
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-45 @ 2.5'
Date Collected: 10/04/23 07:40
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-46 @ 0.5'
Date Collected: 10/04/23 07:35
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-46 @ 2.5'
Date Collected: 10/04/23 07:35
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-47 @ 0.5'
Date Collected: 10/04/23 07:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-47 @ 2.5'
Date Collected: 10/04/23 07:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-48 @ 0.5'
Date Collected: 10/04/23 07:20
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-9
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Method: Composite - Sample Compositing

Client Sample ID: B-48 @ 2.5'
Date Collected: 10/04/23 07:20
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-10
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-49 @ 0.5'
Date Collected: 10/04/23 12:10
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-11
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-49 @ 2.5'
Date Collected: 10/04/23 12:10
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-12
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-50 @ 0.5'
Date Collected: 10/04/23 12:05
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-13
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-50 @ 2.5'
Date Collected: 10/04/23 12:05
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-14
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-51 @ 0.5'
Date Collected: 10/04/23 12:00
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-15
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-51 @ 2.5'
Date Collected: 10/04/23 12:00
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-16
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-52 @ 0.5'
Date Collected: 10/04/23 11:55
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-17
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-52 @ 2.5'
Date Collected: 10/04/23 11:55
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-18
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Method: Composite - Sample Compositing

Client Sample ID: B-53 @ 0.5'
Date Collected: 10/04/23 11:50
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-19
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-53 @ 2.5'
Date Collected: 10/04/23 11:50
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-20
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-54 @ 0.5'
Date Collected: 10/04/23 08:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-21
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-54 @ 2.5'
Date Collected: 10/04/23 08:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-22
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-55 @ 0.5'
Date Collected: 10/04/23 10:05
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-23
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-55 @ 2.5'
Date Collected: 10/04/23 10:05
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-24
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-56 @ 0.5'
Date Collected: 10/04/23 10:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-25
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-56 @ 2.5'
Date Collected: 10/04/23 10:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-26
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-57 @ 0.5'
Date Collected: 10/04/23 10:25
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-27
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Method: Composite - Sample Compositing

Client Sample ID: B-57 @ 2.5'
Date Collected: 10/04/23 10:25
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-28
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-58 @ 0.5'
Date Collected: 10/04/23 10:20
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-29
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-58 @ 2.5'
Date Collected: 10/04/23 10:20
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-30
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-59 @ 0.5'
Date Collected: 10/04/23 10:15
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-31
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-59 @ 2.5'
Date Collected: 10/04/23 10:15
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-32
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-60 @ 0.5'
Date Collected: 10/04/23 10:10
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-33
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: B-60 @ 2.5'
Date Collected: 10/04/23 10:10
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-34
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: A-1 @ 0.5'
Date Collected: 10/04/23 11:15
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-37
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: A-1 DUP @ 0.5'
Date Collected: 10/04/23 11:20
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-39
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Method: Composite - Sample Compositing

Client Sample ID: A-6 @ 0.5'
Date Collected: 10/04/23 08:35
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-41
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 05:57	1

Client Sample ID: A-6 DUP @ 0.5'
Date Collected: 10/04/23 08:40
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-43
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 06:05	1

Client Sample ID: A-2 @ 0.5'
Date Collected: 10/04/23 09:30
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-45
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 06:05	1

Client Sample ID: A-3 @ 0.5'
Date Collected: 10/04/23 09:25
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-47
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 06:05	1

Client Sample ID: A-4 @ 0.5'
Date Collected: 10/04/23 09:15
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-49
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 06:05	1

Client Sample ID: A-5 @ 0.5'
Date Collected: 10/04/23 09:10
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-51
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 06:05	1

Client Sample ID: A-7 @ 0.5'
Date Collected: 10/04/23 09:00
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-53
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 06:05	1

Client Sample ID: A-8 @ 0.5'
Date Collected: 10/04/23 09:05
Date Received: 10/05/23 09:40
Lab Sample ID: 570-155379-55
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/07/23 06:05	1

Surrogate Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (38-148)	DCB1 (37-151)
570-155379-58	B-44, B-45 @ 0.5' Composite	67	50 p
570-155379-64	B-52, B-53, B-54 @ 0.5' Composite	72	91
570-155379-68	B-58, B-59, B-60 @ 0.5' Composite	68	85

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (38-148)	DCB2 (37-151)
570-155379-59	B-44, B-45 @ 2.5' Composite	72	93
570-155379-61	B-46, B-47, B-48 @ 2.5' Composite	72	86
570-155379-63	B-49, B-50, B-51 @ 2.5' Composite	73	88
570-155379-70	A-1, A-6 @ 0.5' Composite	63	78
570-155379-71	A-1 DUP, A-6 DUP @ 0.5' Composite	65	80
570-155379-73	A-4, A-5 @ 0.5' Composite	64	82
570-155379-74	A-7, A-8 @ 0.5' Composite	67	86
LCS 570-371815/2-A	Lab Control Sample	87	88
LCSD 570-371815/3-A	Lab Control Sample Dup	74	69
MB 570-371815/1-A	Method Blank	67	61

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (38-148)	DCB1 (37-151)
570-155379-60	B-46, B-47, B-48 @ 0.5' Compos	65	103
570-155379-62	B-49, B-50, B-51 @ 0.5' Composite	66	89
570-155379-65	B-52, B-53, B-54 @ 2.5' Composite	66	133
570-155379-67	B-55, B-56, B-57 @ 2.5' Composite	69	79
570-155379-69	B-58, B-59, B-60 @ 2.5' Composite	71	88

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Surrogate Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB2
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-155379-66	B-55, B-56, B-57 @ 0.5' Compos	63	83
570-155379-72	A-2, A-3 @ 0.5' Composite	59	79

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(49-132)	(10-142)
570-155379-57	EB 10.04.23	52	49
LCS 570-371730/2-A	Lab Control Sample	85	93
LCSD 570-371730/3-A	Lab Control Sample Dup	78	84
MB 570-371730/1-A	Method Blank	66	72

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(20-120)	(25-120)
570-155379-35	T-2 @ 0.5'	68	55
LCS 570-370918/6-A	Lab Control Sample	67	63
LCSD 570-370918/7-A	Lab Control Sample Dup	47	63
MB 570-370918/1-A	Method Blank	61	62

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(20-122)	(20-144)
570-155379-57	EB 10.04.23	62	57
LCS 570-371730/4-A	Lab Control Sample	87	85
LCSD 570-371730/5-A	Lab Control Sample Dup	72	68
MB 570-371730/1-A	Method Blank	64	68

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-371730/1-A
Matrix: Water
Analysis Batch: 372686

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371730

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.040		ug/L		10/09/23 08:09	10/11/23 14:41	1
4,4'-DDE	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
4,4'-DDT	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
Aldrin	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
alpha-BHC	ND		0.0080		ug/L		10/09/23 08:09	10/11/23 14:41	1
cis-Chlordane	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
beta-BHC	ND		0.030		ug/L		10/09/23 08:09	10/11/23 14:41	1
delta-BHC	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
Dieldrin	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endosulfan I	ND		0.0080		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endosulfan II	ND		0.040		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endosulfan sulfate	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endrin	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endrin aldehyde	ND		0.20		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endrin ketone	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
gamma-BHC (Lindane)	ND		0.0080		ug/L		10/09/23 08:09	10/11/23 14:41	1
trans-Chlordane	ND		0.060		ug/L		10/09/23 08:09	10/11/23 14:41	1
Heptachlor	ND		0.0080		ug/L		10/09/23 08:09	10/11/23 14:41	1
Heptachlor epoxide	ND		0.040		ug/L		10/09/23 08:09	10/11/23 14:41	1
Methoxychlor	ND		0.040		ug/L		10/09/23 08:09	10/11/23 14:41	1
Toxaphene	ND		0.40		ug/L		10/09/23 08:09	10/11/23 14:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*66*		*49 - 132*	*10/09/23 08:09*	*10/11/23 14:41*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*10 - 142*	*10/09/23 08:09*	*10/11/23 14:41*	*1*

Lab Sample ID: LCS 570-371730/2-A
Matrix: Water
Analysis Batch: 372686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371730

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.200	0.1673		ug/L		84	27 - 162
4,4'-DDE	0.200	0.1402		ug/L		70	23 - 160
4,4'-DDT	0.200	0.1574		ug/L		79	11 - 173
Aldrin	0.200	0.1353		ug/L		68	31 - 135
alpha-BHC	0.200	0.1492		ug/L		75	28 - 147
cis-Chlordane	0.200	0.1492		ug/L		75	26 - 151
beta-BHC	0.200	0.1500		ug/L		75	26 - 151
delta-BHC	0.200	0.1207		ug/L		60	10 - 140
Dieldrin	0.200	0.1616		ug/L		81	24 - 157
Endosulfan I	0.200	0.1773		ug/L		89	26 - 150
Endosulfan II	0.200	0.1780		ug/L		89	27 - 160
Endosulfan sulfate	0.200	0.1595		ug/L		80	25 - 146
Endrin	0.200	0.1571		ug/L		79	24 - 170
Endrin aldehyde	0.200	ND		ug/L		54	23 - 153
Endrin ketone	0.200	0.1612		ug/L		81	32 - 154
gamma-BHC (Lindane)	0.200	0.1469		ug/L		73	28 - 151
trans-Chlordane	0.200	0.1586		ug/L		79	22 - 159

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-371730/2-A
Matrix: Water
Analysis Batch: 372686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371730

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Heptachlor			0.200	0.1468		ug/L		73	26 - 145		
Heptachlor epoxide			0.200	0.1563		ug/L		78	26 - 157		
Methoxychlor			0.200	0.1711		ug/L		86	31 - 155		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*85*		*49 - 132*
DCB Decachlorobiphenyl (Surr)	*93*		*10 - 142*

Lab Sample ID: LCSD 570-371730/3-A
Matrix: Water
Analysis Batch: 372686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 371730

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.200	0.1386		ug/L		69	27 - 162	19	30
4,4'-DDE			0.200	0.1291		ug/L		65	23 - 160	8	28
4,4'-DDT			0.200	0.1490		ug/L		75	11 - 173	5	40
Aldrin			0.200	0.1294		ug/L		65	31 - 135	4	26
alpha-BHC			0.200	0.1480		ug/L		74	28 - 147	1	26
cis-Chlordane			0.200	0.1459		ug/L		73	26 - 151	2	29
beta-BHC			0.200	0.1417		ug/L		71	26 - 151	6	26
delta-BHC			0.200	0.1182		ug/L		59	10 - 140	2	36
Dieldrin			0.200	0.1535		ug/L		77	24 - 157	5	27
Endosulfan I			0.200	0.1706		ug/L		85	26 - 150	4	25
Endosulfan II			0.200	0.1609		ug/L		80	27 - 160	10	27
Endosulfan sulfate			0.200	0.1510		ug/L		76	25 - 146	5	27
Endrin			0.200	0.1499		ug/L		75	24 - 170	5	40
Endrin aldehyde			0.200	ND		ug/L		66	23 - 153	20	25
Endrin ketone			0.200	0.1541		ug/L		77	32 - 154	5	27
gamma-BHC (Lindane)			0.200	0.1457		ug/L		73	28 - 151	1	26
trans-Chlordane			0.200	0.1512		ug/L		76	22 - 159	5	30
Heptachlor			0.200	0.1479		ug/L		74	26 - 145	1	26
Heptachlor epoxide			0.200	0.1522		ug/L		76	26 - 157	3	30
Methoxychlor			0.200	0.1550		ug/L		78	31 - 155	10	26

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*78*		*49 - 132*
DCB Decachlorobiphenyl (Surr)	*84*		*10 - 142*

Lab Sample ID: MB 570-371815/1-A
Matrix: Solid
Analysis Batch: 373600

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371815

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Aldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 570-371815/1-A
Matrix: Solid
Analysis Batch: 373600

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371815

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Endrin	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Methoxychlor	ND		5.0		ug/Kg		10/09/23 11:06	10/13/23 19:43	1
Toxaphene	ND		25		ug/Kg		10/09/23 11:06	10/13/23 19:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*67*		*38 - 148*	*10/09/23 11:06*	*10/13/23 19:43*	*1*
DCB Decachlorobiphenyl (Surr)	*61*		*37 - 151*	*10/09/23 11:06*	*10/13/23 19:43*	*1*

Lab Sample ID: LCS 570-371815/2-A
Matrix: Solid
Analysis Batch: 373600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371815

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			25.0	21.57		ug/Kg		86	54 - 154		
4,4'-DDE			25.0	20.67		ug/Kg		83	51 - 149		
4,4'-DDT			25.0	25.42		ug/Kg		102	39 - 152		
Aldrin			25.0	19.90		ug/Kg		80	52 - 138		
alpha-BHC			25.0	20.47		ug/Kg		82	51 - 140		
cis-Chlordane			25.0	20.94		ug/Kg		84	53 - 141		
beta-BHC			25.0	19.77		ug/Kg		79	53 - 141		
delta-BHC			25.0	16.27		ug/Kg		65	20 - 132		
Dieldrin			25.0	21.45		ug/Kg		86	52 - 144		
Endosulfan I			25.0	20.50		ug/Kg		82	49 - 139		
Endosulfan II			25.0	21.22		ug/Kg		85	51 - 150		
Endosulfan sulfate			25.0	21.07		ug/Kg		84	45 - 139		
Endrin			25.0	22.36		ug/Kg		89	53 - 151		
Endrin aldehyde			25.0	20.64		ug/Kg		83	31 - 146		
Endrin ketone			25.0	21.11		ug/Kg		84	51 - 150		
gamma-BHC (Lindane)			25.0	20.83		ug/Kg		83	53 - 141		
trans-Chlordane			25.0	21.79		ug/Kg		87	46 - 156		
Heptachlor			25.0	21.56		ug/Kg		86	52 - 144		
Heptachlor epoxide			25.0	21.07		ug/Kg		84	54 - 141		
Methoxychlor			25.0	23.86		ug/Kg		95	47 - 148		

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-371815/2-A
Matrix: Solid
Analysis Batch: 373600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371815

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*87*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*88*		*37 - 151*

Lab Sample ID: LCSD 570-371815/3-A
Matrix: Solid
Analysis Batch: 373600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 371815

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			25.0	16.37		ug/Kg		65	54 - 154	27	30
4,4'-DDE			25.0	17.01		ug/Kg		68	51 - 149	19	28
4,4'-DDT			25.0	18.60		ug/Kg		74	39 - 152	31	31
Aldrin			25.0	16.41		ug/Kg		66	52 - 138	19	30
alpha-BHC			25.0	16.41		ug/Kg		66	51 - 140	22	29
cis-Chlordane			25.0	16.46		ug/Kg		66	53 - 141	24	28
beta-BHC			25.0	15.00		ug/Kg		60	53 - 141	27	29
delta-BHC			25.0	12.56		ug/Kg		50	20 - 132	26	40
Dieldrin			25.0	16.57		ug/Kg		66	52 - 144	26	28
Endosulfan I			25.0	15.88		ug/Kg		64	49 - 139	25	28
Endosulfan II			25.0	15.83		ug/Kg		63	51 - 150	29	29
Endosulfan sulfate			25.0	14.88	*1	ug/Kg		60	45 - 139	34	30
Endrin			25.0	16.85		ug/Kg		67	53 - 151	28	29
Endrin aldehyde			25.0	15.03		ug/Kg		60	31 - 146	32	40
Endrin ketone			25.0	15.54		ug/Kg		62	51 - 150	30	30
gamma-BHC (Lindane)			25.0	16.33		ug/Kg		65	53 - 141	24	29
trans-Chlordane			25.0	16.78		ug/Kg		67	46 - 156	26	39
Heptachlor			25.0	16.90		ug/Kg		68	52 - 144	24	29
Heptachlor epoxide			25.0	16.44		ug/Kg		66	54 - 141	25	29
Methoxychlor			25.0	16.69	*1	ug/Kg		67	47 - 148	35	29

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*74*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*69*		*37 - 151*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-370918/1-A
Matrix: Solid
Analysis Batch: 371827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 370918

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/05/23 15:12	10/09/23 13:48	1
PCB-1221	ND		50		ug/Kg		10/05/23 15:12	10/09/23 13:48	1
PCB-1232	ND		50		ug/Kg		10/05/23 15:12	10/09/23 13:48	1
PCB-1242	ND		50		ug/Kg		10/05/23 15:12	10/09/23 13:48	1
PCB-1248	ND		50		ug/Kg		10/05/23 15:12	10/09/23 13:48	1
PCB-1254	ND		50		ug/Kg		10/05/23 15:12	10/09/23 13:48	1
PCB-1260	ND		50		ug/Kg		10/05/23 15:12	10/09/23 13:48	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 570-370918/1-A
Matrix: Solid
Analysis Batch: 371827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 370918

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	61		20 - 120	10/05/23 15:12	10/09/23 13:48	1
Tetrachloro-m-xylene (Surr)	62		25 - 120	10/05/23 15:12	10/09/23 13:48	1

Lab Sample ID: LCS 570-370918/6-A
Matrix: Solid
Analysis Batch: 372202

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370918

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			100	82.17		ug/Kg		82	53 - 133		
PCB-1260			100	73.41		ug/Kg		73	39 - 140		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	67		20 - 120
Tetrachloro-m-xylene (Surr)	63		25 - 120

Lab Sample ID: LCSD 570-370918/7-A
Matrix: Solid
Analysis Batch: 371827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 370918

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			100	63.02		ug/Kg		63	53 - 133	26	32
PCB-1260			100	49.05	J	ug/Kg		49	39 - 140	40	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	47		20 - 120
Tetrachloro-m-xylene (Surr)	63		25 - 120

Lab Sample ID: MB 570-371730/1-A
Matrix: Water
Analysis Batch: 372208

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371730

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.40		ug/L		10/09/23 08:09	10/10/23 10:50	1
PCB-1221	ND		0.40		ug/L		10/09/23 08:09	10/10/23 10:50	1
PCB-1232	ND		0.40		ug/L		10/09/23 08:09	10/10/23 10:50	1
PCB-1242	ND		0.40		ug/L		10/09/23 08:09	10/10/23 10:50	1
PCB-1248	ND		0.40		ug/L		10/09/23 08:09	10/10/23 10:50	1
PCB-1254	ND		0.40		ug/L		10/09/23 08:09	10/10/23 10:50	1
PCB-1260	ND		0.40		ug/L		10/09/23 08:09	10/10/23 10:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	64		20 - 122	10/09/23 08:09	10/10/23 10:50	1
Tetrachloro-m-xylene (Surr)	68		20 - 144	10/09/23 08:09	10/10/23 10:50	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 570-371730/4-A
Matrix: Water
Analysis Batch: 372208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371730

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.800	0.6522		ug/L		82	20 - 165		
PCB-1260			0.800	0.7655		ug/L		96	42 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*87*		*20 - 122*
Tetrachloro-m-xylene (Surr)	*85*		*20 - 144*

Lab Sample ID: LCSD 570-371730/5-A
Matrix: Water
Analysis Batch: 372208

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 371730

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.800	0.5290		ug/L		66	20 - 165	21	30
PCB-1260			0.800	0.5885		ug/L		74	42 - 148	26	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*72*		*20 - 122*
Tetrachloro-m-xylene (Surr)	*68*		*20 - 144*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-373328/1-A ^5
Matrix: Solid
Analysis Batch: 373572

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 373328

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.96		mg/Kg		10/13/23 05:39	10/13/23 12:54	5
Arsenic	ND		2.94		mg/Kg		10/13/23 05:39	10/13/23 12:54	5

Lab Sample ID: LCS 570-373328/2-A ^5
Matrix: Solid
Analysis Batch: 373572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 373328

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			50.0	51.98		mg/Kg		104	80 - 120		
Arsenic			50.0	51.15		mg/Kg		102	80 - 120		

Lab Sample ID: LCSD 570-373328/3-A ^5
Matrix: Solid
Analysis Batch: 373572

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 373328

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			49.3	51.42		mg/Kg		104	80 - 120	1	20
Arsenic			49.3	50.46		mg/Kg		102	80 - 120	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-155379-25 MS
Matrix: Solid
Analysis Batch: 373572

Client Sample ID: B-56 @ 0.5'
Prep Type: Total/NA
Prep Batch: 373328

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead	367		49.8	404.9	4	mg/Kg		76	75 - 125		
Arsenic	6.50		49.8	49.78		mg/Kg		87	75 - 125		

Lab Sample ID: 570-155379-25 MSD
Matrix: Solid
Analysis Batch: 373572

Client Sample ID: B-56 @ 0.5'
Prep Type: Total/NA
Prep Batch: 373328

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	367		49.8	424.4	4	mg/Kg		115	75 - 125	5	20
Arsenic	6.50		49.8	51.16		mg/Kg		90	75 - 125	3	20

Lab Sample ID: MB 570-372493/1-A
Matrix: Water
Analysis Batch: 372712

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372493

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0500		mg/L		10/11/23 06:30	10/11/23 13:25	1
Arsenic	ND		0.100		mg/L		10/11/23 06:30	10/11/23 13:25	1

Lab Sample ID: LCS 570-372493/2-A
Matrix: Water
Analysis Batch: 372712

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 372493

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			0.500	0.5185		mg/L		104	80 - 120		
Arsenic			0.500	0.5136		mg/L		103	80 - 120		

Lab Sample ID: LCSD 570-372493/3-A
Matrix: Water
Analysis Batch: 372712

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 372493

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			0.500	0.5074		mg/L		101	80 - 120	2	20
Arsenic			0.500	0.5149		mg/L		103	80 - 120	0	20

GC Semi VOA

Prep Batch: 370918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-35	T-2 @ 0.5'	Total/NA	Solid	3546	
MB 570-370918/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-370918/6-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-370918/7-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 371730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-57	EB 10.04.23	Total/NA	Water	3510C	
MB 570-371730/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-371730/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 570-371730/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-371730/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 570-371730/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 371815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-58	B-44, B-45 @ 0.5' Composite	Total/NA	Solid	3546	
570-155379-59	B-44, B-45 @ 2.5' Composite	Total/NA	Solid	3546	
570-155379-60	B-46, B-47, B-48 @ 0.5' Composite	Total/NA	Solid	3546	
570-155379-61	B-46, B-47, B-48 @ 2.5' Composite	Total/NA	Solid	3546	
570-155379-62	B-49, B-50, B-51 @ 0.5' Composite	Total/NA	Solid	3546	
570-155379-63	B-49, B-50, B-51 @ 2.5' Composite	Total/NA	Solid	3546	
570-155379-64	B-52, B-53, B-54 @ 0.5' Composite	Total/NA	Solid	3546	
570-155379-65	B-52, B-53, B-54 @ 2.5' Composite	Total/NA	Solid	3546	
570-155379-66	B-55, B-56, B-57 @ 0.5' Composite	Total/NA	Solid	3546	
570-155379-67	B-55, B-56, B-57 @ 2.5' Composite	Total/NA	Solid	3546	
570-155379-68	B-58, B-59, B-60 @ 0.5' Composite	Total/NA	Solid	3546	
570-155379-69	B-58, B-59, B-60 @ 2.5' Composite	Total/NA	Solid	3546	
570-155379-70	A-1, A-6 @ 0.5' Composite	Total/NA	Solid	3546	
570-155379-71	A-1 DUP, A-6 DUP @ 0.5' Composite	Total/NA	Solid	3546	
570-155379-72	A-2, A-3 @ 0.5' Composite	Total/NA	Solid	3546	
570-155379-73	A-4, A-5 @ 0.5' Composite	Total/NA	Solid	3546	
570-155379-74	A-7, A-8 @ 0.5' Composite	Total/NA	Solid	3546	
MB 570-371815/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-371815/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-371815/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 371827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-35	T-2 @ 0.5'	Total/NA	Solid	8082	370918
MB 570-370918/1-A	Method Blank	Total/NA	Solid	8082	370918
LCSD 570-370918/7-A	Lab Control Sample Dup	Total/NA	Solid	8082	370918

Analysis Batch: 372202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-370918/6-A	Lab Control Sample	Total/NA	Solid	8082	370918

Analysis Batch: 372208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-371730/1-A	Method Blank	Total/NA	Water	8082	371730
LCS 570-371730/4-A	Lab Control Sample	Total/NA	Water	8082	371730

GC Semi VOA (Continued)

Analysis Batch: 372208 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-371730/5-A	Lab Control Sample Dup	Total/NA	Water	8082	371730

Analysis Batch: 372547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-57	EB 10.04.23	Total/NA	Water	8082	371730

Analysis Batch: 372686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-57	EB 10.04.23	Total/NA	Water	8081A	371730
MB 570-371730/1-A	Method Blank	Total/NA	Water	8081A	371730
LCS 570-371730/2-A	Lab Control Sample	Total/NA	Water	8081A	371730
LCSD 570-371730/3-A	Lab Control Sample Dup	Total/NA	Water	8081A	371730

Analysis Batch: 373600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-58	B-44, B-45 @ 0.5' Composite	Total/NA	Solid	8081A	371815
570-155379-59	B-44, B-45 @ 2.5' Composite	Total/NA	Solid	8081A	371815
570-155379-60	B-46, B-47, B-48 @ 0.5' Composite	Total/NA	Solid	8081A	371815
570-155379-61	B-46, B-47, B-48 @ 2.5' Composite	Total/NA	Solid	8081A	371815
570-155379-62	B-49, B-50, B-51 @ 0.5' Composite	Total/NA	Solid	8081A	371815
570-155379-63	B-49, B-50, B-51 @ 2.5' Composite	Total/NA	Solid	8081A	371815
570-155379-64	B-52, B-53, B-54 @ 0.5' Composite	Total/NA	Solid	8081A	371815
570-155379-65	B-52, B-53, B-54 @ 2.5' Composite	Total/NA	Solid	8081A	371815
570-155379-66	B-55, B-56, B-57 @ 0.5' Composite	Total/NA	Solid	8081A	371815
570-155379-67	B-55, B-56, B-57 @ 2.5' Composite	Total/NA	Solid	8081A	371815
570-155379-68	B-58, B-59, B-60 @ 0.5' Composite	Total/NA	Solid	8081A	371815
570-155379-69	B-58, B-59, B-60 @ 2.5' Composite	Total/NA	Solid	8081A	371815
570-155379-70	A-1, A-6 @ 0.5' Composite	Total/NA	Solid	8081A	371815
570-155379-71	A-1 DUP, A-6 DUP @ 0.5' Composite	Total/NA	Solid	8081A	371815
570-155379-72	A-2, A-3 @ 0.5' Composite	Total/NA	Solid	8081A	371815
570-155379-73	A-4, A-5 @ 0.5' Composite	Total/NA	Solid	8081A	371815
570-155379-74	A-7, A-8 @ 0.5' Composite	Total/NA	Solid	8081A	371815
MB 570-371815/1-A	Method Blank	Total/NA	Solid	8081A	371815
LCS 570-371815/2-A	Lab Control Sample	Total/NA	Solid	8081A	371815
LCSD 570-371815/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	371815

Metals

Prep Batch: 372493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-57	EB 10.04.23	Total Recoverable	Water	3005A	
MB 570-372493/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-372493/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-372493/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Analysis Batch: 372712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-57	EB 10.04.23	Total Recoverable	Water	6010B	372493
MB 570-372493/1-A	Method Blank	Total Recoverable	Water	6010B	372493
LCS 570-372493/2-A	Lab Control Sample	Total Recoverable	Water	6010B	372493
LCSD 570-372493/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	372493

Metals

Prep Batch: 373328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-23	B-55 @ 0.5'	Total/NA	Solid	3050B	
570-155379-25	B-56 @ 0.5'	Total/NA	Solid	3050B	
570-155379-27	B-57 @ 0.5'	Total/NA	Solid	3050B	
570-155379-29	B-58 @ 0.5'	Total/NA	Solid	3050B	
570-155379-31	B-59 @ 0.5'	Total/NA	Solid	3050B	
570-155379-33	B-60 @ 0.5'	Total/NA	Solid	3050B	
570-155379-37	A-1 @ 0.5'	Total/NA	Solid	3050B	
570-155379-39	A-1 DUP @ 0.5'	Total/NA	Solid	3050B	
570-155379-41	A-6 @ 0.5'	Total/NA	Solid	3050B	
570-155379-43	A-6 DUP @ 0.5'	Total/NA	Solid	3050B	
570-155379-45	A-2 @ 0.5'	Total/NA	Solid	3050B	
570-155379-47	A-3 @ 0.5'	Total/NA	Solid	3050B	
570-155379-49	A-4 @ 0.5'	Total/NA	Solid	3050B	
570-155379-51	A-5 @ 0.5'	Total/NA	Solid	3050B	
570-155379-53	A-7 @ 0.5'	Total/NA	Solid	3050B	
570-155379-55	A-8 @ 0.5'	Total/NA	Solid	3050B	
MB 570-373328/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-373328/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-373328/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-155379-25 MS	B-56 @ 0.5'	Total/NA	Solid	3050B	
570-155379-25 MSD	B-56 @ 0.5'	Total/NA	Solid	3050B	

Analysis Batch: 373572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-23	B-55 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-25	B-56 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-27	B-57 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-29	B-58 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-31	B-59 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-33	B-60 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-37	A-1 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-39	A-1 DUP @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-41	A-6 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-43	A-6 DUP @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-45	A-2 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-47	A-3 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-49	A-4 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-51	A-5 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-53	A-7 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-55	A-8 @ 0.5'	Total/NA	Solid	6010B	373328
MB 570-373328/1-A ^5	Method Blank	Total/NA	Solid	6010B	373328
LCS 570-373328/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	373328
LCSD 570-373328/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	373328
570-155379-25 MS	B-56 @ 0.5'	Total/NA	Solid	6010B	373328
570-155379-25 MSD	B-56 @ 0.5'	Total/NA	Solid	6010B	373328

Organic Prep

Analysis Batch: 371457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-1	B-44 @ 0.5'	Total/NA	Solid	Composite	

Organic Prep (Continued)

Analysis Batch: 371457 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-2	B-44 @ 2.5'	Total/NA	Solid	Composite	
570-155379-3	B-45 @ 0.5'	Total/NA	Solid	Composite	
570-155379-4	B-45 @ 2.5'	Total/NA	Solid	Composite	
570-155379-5	B-46 @ 0.5'	Total/NA	Solid	Composite	
570-155379-6	B-46 @ 2.5'	Total/NA	Solid	Composite	
570-155379-7	B-47 @ 0.5'	Total/NA	Solid	Composite	
570-155379-8	B-47 @ 2.5'	Total/NA	Solid	Composite	
570-155379-9	B-48 @ 0.5'	Total/NA	Solid	Composite	
570-155379-10	B-48 @ 2.5'	Total/NA	Solid	Composite	
570-155379-11	B-49 @ 0.5'	Total/NA	Solid	Composite	
570-155379-12	B-49 @ 2.5'	Total/NA	Solid	Composite	
570-155379-13	B-50 @ 0.5'	Total/NA	Solid	Composite	
570-155379-14	B-50 @ 2.5'	Total/NA	Solid	Composite	
570-155379-15	B-51 @ 0.5'	Total/NA	Solid	Composite	
570-155379-16	B-51 @ 2.5'	Total/NA	Solid	Composite	
570-155379-17	B-52 @ 0.5'	Total/NA	Solid	Composite	
570-155379-18	B-52 @ 2.5'	Total/NA	Solid	Composite	
570-155379-19	B-53 @ 0.5'	Total/NA	Solid	Composite	
570-155379-20	B-53 @ 2.5'	Total/NA	Solid	Composite	
570-155379-21	B-54 @ 0.5'	Total/NA	Solid	Composite	
570-155379-22	B-54 @ 2.5'	Total/NA	Solid	Composite	
570-155379-23	B-55 @ 0.5'	Total/NA	Solid	Composite	
570-155379-24	B-55 @ 2.5'	Total/NA	Solid	Composite	
570-155379-25	B-56 @ 0.5'	Total/NA	Solid	Composite	
570-155379-26	B-56 @ 2.5'	Total/NA	Solid	Composite	
570-155379-27	B-57 @ 0.5'	Total/NA	Solid	Composite	
570-155379-28	B-57 @ 2.5'	Total/NA	Solid	Composite	
570-155379-29	B-58 @ 0.5'	Total/NA	Solid	Composite	
570-155379-30	B-58 @ 2.5'	Total/NA	Solid	Composite	
570-155379-31	B-59 @ 0.5'	Total/NA	Solid	Composite	
570-155379-32	B-59 @ 2.5'	Total/NA	Solid	Composite	
570-155379-33	B-60 @ 0.5'	Total/NA	Solid	Composite	
570-155379-34	B-60 @ 2.5'	Total/NA	Solid	Composite	
570-155379-37	A-1 @ 0.5'	Total/NA	Solid	Composite	
570-155379-39	A-1 DUP @ 0.5'	Total/NA	Solid	Composite	
570-155379-41	A-6 @ 0.5'	Total/NA	Solid	Composite	
570-155379-43	A-6 DUP @ 0.5'	Total/NA	Solid	Composite	
570-155379-45	A-2 @ 0.5'	Total/NA	Solid	Composite	
570-155379-47	A-3 @ 0.5'	Total/NA	Solid	Composite	
570-155379-49	A-4 @ 0.5'	Total/NA	Solid	Composite	
570-155379-51	A-5 @ 0.5'	Total/NA	Solid	Composite	
570-155379-53	A-7 @ 0.5'	Total/NA	Solid	Composite	
570-155379-55	A-8 @ 0.5'	Total/NA	Solid	Composite	

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: B-44 @ 0.5'
Date Collected: 10/04/23 07:45
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-44 @ 2.5'
Date Collected: 10/04/23 07:45
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-45 @ 0.5'
Date Collected: 10/04/23 07:40
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-45 @ 2.5'
Date Collected: 10/04/23 07:40
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-46 @ 0.5'
Date Collected: 10/04/23 07:35
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-46 @ 2.5'
Date Collected: 10/04/23 07:35
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: B-47 @ 0.5'
Date Collected: 10/04/23 07:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-47 @ 2.5'
Date Collected: 10/04/23 07:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-48 @ 0.5'
Date Collected: 10/04/23 07:20
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-48 @ 2.5'
Date Collected: 10/04/23 07:20
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-49 @ 0.5'
Date Collected: 10/04/23 12:10
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-49 @ 2.5'
Date Collected: 10/04/23 12:10
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: B-50 @ 0.5'
Date Collected: 10/04/23 12:05
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-50 @ 2.5'
Date Collected: 10/04/23 12:05
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-51 @ 0.5'
Date Collected: 10/04/23 12:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-51 @ 2.5'
Date Collected: 10/04/23 12:00
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-52 @ 0.5'
Date Collected: 10/04/23 11:55
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-52 @ 2.5'
Date Collected: 10/04/23 11:55
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-53 @ 0.5'
Lab Sample ID: 570-155379-19
Date Collected: 10/04/23 11:50
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-53 @ 2.5'
Lab Sample ID: 570-155379-20
Date Collected: 10/04/23 11:50
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-54 @ 0.5'
Lab Sample ID: 570-155379-21
Date Collected: 10/04/23 08:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-54 @ 2.5'
Lab Sample ID: 570-155379-22
Date Collected: 10/04/23 08:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-55 @ 0.5'
Lab Sample ID: 570-155379-23
Date Collected: 10/04/23 10:05
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 13:35	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-55 @ 2.5'
Lab Sample ID: 570-155379-24
Date Collected: 10/04/23 10:05
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-56 @ 0.5'
Date Collected: 10/04/23 10:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 13:25	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-56 @ 2.5'
Date Collected: 10/04/23 10:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-57 @ 0.5'
Date Collected: 10/04/23 10:25
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 13:37	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-57 @ 2.5'
Date Collected: 10/04/23 10:25
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-58 @ 0.5'
Date Collected: 10/04/23 10:20
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 13:40	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: B-58 @ 2.5'
Date Collected: 10/04/23 10:20
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-59 @ 0.5'
Date Collected: 10/04/23 10:15
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.04 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 13:42	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-59 @ 2.5'
Date Collected: 10/04/23 10:15
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-60 @ 0.5'
Date Collected: 10/04/23 10:10
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.04 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 13:44	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-60 @ 2.5'
Date Collected: 10/04/23 10:10
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: T-2 @ 0.5'
Date Collected: 10/04/23 08:45
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.22 g	10 mL	370918	10/05/23 15:12	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371827	10/09/23 19:13	OM8W	EET CAL 4
	Instrument ID: GC66									

Client Sample ID: A-1 @ 0.5'
Date Collected: 10/04/23 11:15
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 13:47	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: A-1 DUP @ 0.5'
Date Collected: 10/04/23 11:20
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 13:54	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: A-6 @ 0.5'
Date Collected: 10/04/23 08:35
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.05 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 13:56	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: A-6 DUP @ 0.5'
Date Collected: 10/04/23 08:40
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 13:59	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: A-6 DUP @ 0.5'
Date Collected: 10/04/23 08:40
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 06:05	UQTR	EET CAL 4

Client Sample ID: A-2 @ 0.5'
Date Collected: 10/04/23 09:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.04 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 14:01	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 06:05	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: A-3 @ 0.5'
Date Collected: 10/04/23 09:25
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.05 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 14:04	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 06:05	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: A-4 @ 0.5'
Date Collected: 10/04/23 09:15
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 14:06	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 06:05	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: A-5 @ 0.5'
Date Collected: 10/04/23 09:10
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 14:08	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 06:05	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: A-7 @ 0.5'

Lab Sample ID: 570-155379-53

Date Collected: 10/04/23 09:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 14:11	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 06:05	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: A-8 @ 0.5'

Lab Sample ID: 570-155379-55

Date Collected: 10/04/23 09:05
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	373328	10/13/23 05:39	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 14:14	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371457	10/07/23 06:05	UQTR	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: EB 10.04.23

Lab Sample ID: 570-155379-57

Date Collected: 10/04/23 12:20
Matrix: Water
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			237.5 mL	1 mL	371730	10/10/23 08:09	OAJ3	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372686	10/11/23 17:44	N5Y3	EET CAL 4
	Instrument ID: GC54A									
Total/NA	Prep	3510C			237.5 mL	1 mL	371730	10/10/23 08:09	OAJ3	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	372547	10/11/23 12:29	OM8W	EET CAL 4
	Instrument ID: GC58									
Total Recoverable	Prep	3005A			50 mL	50 mL	372493	10/11/23 06:30	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			372712	10/11/23 12:08	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B-44, B-45 @ 0.5' Composite

Lab Sample ID: 570-155379-58

Date Collected: 10/04/23 00:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.28 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/13/23 23:04	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: B-44, B-45 @ 2.5' Composite
Lab Sample ID: 570-155379-59
Date Collected: 10/04/23 00:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.19 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/13/23 23:18	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-46, B-47, B-48 @ 0.5' Composite
Lab Sample ID: 570-155379-60
Date Collected: 10/04/23 00:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.23 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/13/23 23:32	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-46, B-47, B-48 @ 2.5' Composite
Lab Sample ID: 570-155379-61
Date Collected: 10/04/23 00:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.00 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/13/23 23:46	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-49, B-50, B-51 @ 0.5' Composite
Lab Sample ID: 570-155379-62
Date Collected: 10/04/23 00:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.22 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 00:01	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-49, B-50, B-51 @ 2.5' Composite
Lab Sample ID: 570-155379-63
Date Collected: 10/04/23 00:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.03 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 00:15	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: B-52, B-53, B-54 @ 0.5' Composite
Lab Sample ID: 570-155379-64
Date Collected: 10/04/23 00:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.15 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 00:29	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-52, B-53, B-54 @ 2.5' Composite
Lab Sample ID: 570-155379-65
Date Collected: 10/04/23 00:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.11 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 00:44	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-55, B-56, B-57 @ 0.5' Composite
Lab Sample ID: 570-155379-66
Date Collected: 10/04/23 00:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.05 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 00:58	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-55, B-56, B-57 @ 2.5' Composite
Lab Sample ID: 570-155379-67
Date Collected: 10/04/23 00:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.17 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 01:12	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-58, B-59, B-60 @ 0.5' Composite
Lab Sample ID: 570-155379-68
Date Collected: 10/04/23 00:00
Matrix: Solid
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.16 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 01:26	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: B-58, B-59, B-60 @ 2.5' Composite

Lab Sample ID: 570-155379-69
Matrix: Solid
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.12 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 01:41	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: A-1, A-6 @ 0.5' Composite

Lab Sample ID: 570-155379-70
Matrix: Solid
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.40 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 01:56	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: A-1 DUP, A-6 DUP @ 0.5' Composite

Lab Sample ID: 570-155379-71
Matrix: Solid
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.06 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 02:10	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: A-2, A-3 @ 0.5' Composite

Lab Sample ID: 570-155379-72
Matrix: Solid
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.39 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 02:24	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: A-4, A-5 @ 0.5' Composite

Lab Sample ID: 570-155379-73
Matrix: Solid
Date Collected: 10/04/23 00:00
Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.20 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 02:39	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Client Sample ID: A-7, A-8 @ 0.5' Composite

Lab Sample ID: 570-155379-74

Date Collected: 10/04/23 00:00

Matrix: Solid

Date Received: 10/05/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.21 g	10 mL	371815	10/09/23 11:06	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	373600	10/14/23 02:53	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8081A	3510C	Water	cis-Chlordane
8081A	3510C	Water	trans-Chlordane
8081A	3546	Solid	cis-Chlordane
8081A	3546	Solid	trans-Chlordane
Composite		Solid	Composited

Method Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	EET CAL 4
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
Composite	Sample Compositing	None	EET CAL 4
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CAL 4
3050B	Preparation, Metals	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-155379-1	B-44 @ 0.5'	Solid	10/04/23 07:45	10/05/23 09:40
570-155379-2	B-44 @ 2.5'	Solid	10/04/23 07:45	10/05/23 09:40
570-155379-3	B-45 @ 0.5'	Solid	10/04/23 07:40	10/05/23 09:40
570-155379-4	B-45 @ 2.5'	Solid	10/04/23 07:40	10/05/23 09:40
570-155379-5	B-46 @ 0.5'	Solid	10/04/23 07:35	10/05/23 09:40
570-155379-6	B-46 @ 2.5'	Solid	10/04/23 07:35	10/05/23 09:40
570-155379-7	B-47 @ 0.5'	Solid	10/04/23 07:30	10/05/23 09:40
570-155379-8	B-47 @ 2.5'	Solid	10/04/23 07:30	10/05/23 09:40
570-155379-9	B-48 @ 0.5'	Solid	10/04/23 07:20	10/05/23 09:40
570-155379-10	B-48 @ 2.5'	Solid	10/04/23 07:20	10/05/23 09:40
570-155379-11	B-49 @ 0.5'	Solid	10/04/23 12:10	10/05/23 09:40
570-155379-12	B-49 @ 2.5'	Solid	10/04/23 12:10	10/05/23 09:40
570-155379-13	B-50 @ 0.5'	Solid	10/04/23 12:05	10/05/23 09:40
570-155379-14	B-50 @ 2.5'	Solid	10/04/23 12:05	10/05/23 09:40
570-155379-15	B-51 @ 0.5'	Solid	10/04/23 12:00	10/05/23 09:40
570-155379-16	B-51 @ 2.5'	Solid	10/04/23 12:00	10/05/23 09:40
570-155379-17	B-52 @ 0.5'	Solid	10/04/23 11:55	10/05/23 09:40
570-155379-18	B-52 @ 2.5'	Solid	10/04/23 11:55	10/05/23 09:40
570-155379-19	B-53 @ 0.5'	Solid	10/04/23 11:50	10/05/23 09:40
570-155379-20	B-53 @ 2.5'	Solid	10/04/23 11:50	10/05/23 09:40
570-155379-21	B-54 @ 0.5'	Solid	10/04/23 08:00	10/05/23 09:40
570-155379-22	B-54 @ 2.5'	Solid	10/04/23 08:00	10/05/23 09:40
570-155379-23	B-55 @ 0.5'	Solid	10/04/23 10:05	10/05/23 09:40
570-155379-24	B-55 @ 2.5'	Solid	10/04/23 10:05	10/05/23 09:40
570-155379-25	B-56 @ 0.5'	Solid	10/04/23 10:30	10/05/23 09:40
570-155379-26	B-56 @ 2.5'	Solid	10/04/23 10:30	10/05/23 09:40
570-155379-27	B-57 @ 0.5'	Solid	10/04/23 10:25	10/05/23 09:40
570-155379-28	B-57 @ 2.5'	Solid	10/04/23 10:25	10/05/23 09:40
570-155379-29	B-58 @ 0.5'	Solid	10/04/23 10:20	10/05/23 09:40
570-155379-30	B-58 @ 2.5'	Solid	10/04/23 10:20	10/05/23 09:40
570-155379-31	B-59 @ 0.5'	Solid	10/04/23 10:15	10/05/23 09:40
570-155379-32	B-59 @ 2.5'	Solid	10/04/23 10:15	10/05/23 09:40
570-155379-33	B-60 @ 0.5'	Solid	10/04/23 10:10	10/05/23 09:40
570-155379-34	B-60 @ 2.5'	Solid	10/04/23 10:10	10/05/23 09:40
570-155379-35	T-2 @ 0.5'	Solid	10/04/23 08:45	10/05/23 09:40
570-155379-37	A-1 @ 0.5'	Solid	10/04/23 11:15	10/05/23 09:40
570-155379-39	A-1 DUP @ 0.5'	Solid	10/04/23 11:20	10/05/23 09:40
570-155379-41	A-6 @ 0.5'	Solid	10/04/23 08:35	10/05/23 09:40
570-155379-43	A-6 DUP @ 0.5'	Solid	10/04/23 08:40	10/05/23 09:40
570-155379-45	A-2 @ 0.5'	Solid	10/04/23 09:30	10/05/23 09:40
570-155379-47	A-3 @ 0.5'	Solid	10/04/23 09:25	10/05/23 09:40
570-155379-49	A-4 @ 0.5'	Solid	10/04/23 09:15	10/05/23 09:40
570-155379-51	A-5 @ 0.5'	Solid	10/04/23 09:10	10/05/23 09:40
570-155379-53	A-7 @ 0.5'	Solid	10/04/23 09:00	10/05/23 09:40
570-155379-55	A-8 @ 0.5'	Solid	10/04/23 09:05	10/05/23 09:40
570-155379-57	EB 10.04.23	Water	10/04/23 12:20	10/05/23 09:40
570-155379-58	B-44, B-45 @ 0.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-59	B-44, B-45 @ 2.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-60	B-46, B-47, B-48 @ 0.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-61	B-46, B-47, B-48 @ 2.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-62	B-49, B-50, B-51 @ 0.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-63	B-49, B-50, B-51 @ 2.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-64	B-52, B-53, B-54 @ 0.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-65	B-52, B-53, B-54 @ 2.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40

Sample Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-155379-66	B-55, B-56, B-57 @ 0.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-67	B-55, B-56, B-57 @ 2.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-68	B-58, B-59, B-60 @ 0.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-69	B-58, B-59, B-60 @ 2.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-70	A-1, A-6 @ 0.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-71	A-1 DUP, A-6 DUP @ 0.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-72	A-2, A-3 @ 0.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-73	A-4, A-5 @ 0.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40
570-155379-74	A-7, A-8 @ 0.5' Composite	Solid	10/04/23 00:00	10/05/23 09:40

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
1	B-44 @ 0.5'	10/4	7:45	G	Solid			C					C = Composite Sample
2	B-44 @ 2.5'		7:45	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
3	B-45 @ 0.5'		7:40	G	Solid			C					DUP = Duplicate
4	B-45 @ 2.5'		7:40	G	Solid			C					EB = Equipment Blank
5	B-46 @ 0.5'		7:35	G	Solid			C					
6	B-46 @ 2.5'		7:35	G	Solid			C					
7	B-47 @ 0.5'		7:30	G	Solid			C					
8	B-47 @ 2.5'		7:50	G	Solid			C					
9	B-48 @ 0.5'		7:22	G	Solid			C					
10	B-48 @ 2.5'		7:20	G	Solid			C					
11	B-49 @ 0.5'	↓	12:10	G	Solid			C					

570-155379 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:			
Relinquished by: Miles Barker	Date/Time: 10/4 13:15	Company PLACEWORKS	Received by:	Date/Time: 10/4/23 1315	Company EETSM		
Relinquished by:	Date/Time: 10/4/23 1630	Company EETSM	Received by:	Date/Time: 10/5/23 0940	Company EC		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 1.5/1.4 5C/2				

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
12	B-49 @ 2.5'	10/4	12:10	G	Solid			C					C = Composite Sample
13	B-50 @ 0.5'		12:05	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
14	B-50 @ 2.5'		12:05	G	Solid			C					DUP = Duplicate
15	B-51 @ 0.5'		12:00	G	Solid			C					EB = Equipment Blank
16	B-51 @ 2.5'		12:00	G	Solid			C					
17	B-52 @ 0.5'		11:55	G	Solid			C					
18	B-52 @ 2.5'		11:55	G	Solid			C					
19	B-53 @ 0.5'		11:50	G	Solid			C					
20	B-53 @ 2.5'		11:50	G	Solid			C					
21	B-54 @ 0.5'		8:00	G	Solid			C					
22	B-54 @ 2.5'		8:00	G	Solid			C					

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/4 13:15	PLACEWORKS	[signature]	10/4/23 1315	GTS/ET
2	[signature]	10/4/23 1630	EETSac	[signature]	10/5/23 0940	ET
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5 / 1.4 5C12

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City: Ontario	TAT Requested (days): ~~10 days~~ 30 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			Other:
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
23	B-55 @ 0.5'	10/4	10:05	G	Solid			C			X		C = Composite Sample
24	B-55 @ 2.5'		10:05	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
25	B-56 @ 0.5'		10:30	G	Solid			C			X		DUP = Duplicate
26	B-56 @ 2.5'		10:30	G	Solid			C					EB = Equipment Blank
27	B-57 @ 0.5'		10:25	G	Solid			C			X		
28	B-57 @ 2.5'		10:25	G	Solid			C					
29	B-58 @ 0.5'		10:20	G	Solid			C			X		
30	B-58 @ 2.5'		10:20	G	Solid			C					
31	B-59 @ 0.5'		10:15	G	Solid			C			X		
32	B-59 @ 2.5'		10:15	G	Solid			C					
33	B-60 @ 0.5'		10:10	G	Solid			C			X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Miles Barker	10/4 13:15	PWA		10/4/23 1315	EETSM
2		10/4/23 1630	EETSM		10/5/23 0940	EC
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5/1.4 SCR

Ver: 01/16/2019

155379

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
34	B-60 @ 2.5'	10/4	10:10	G	Solid			C					C = Composite Sample
35	T-2 @ 0.5'		9:45	G	Solid				X				D = Discrete Sample; - Sample will be archived for possible future analysis
36	T-2 @ 2.5'		9:45	G	Solid								DUP = Duplicate
37	A-1 @ 0.5'		11:15	G	Solid			C		X	X		EB = Equipment Blank
38	A-1 @ 2.5'		11:15	G	Solid								
39	A-1 DUP @ 0.5'		11:20	G	Solid			C		X	X		
40	A-1 DUP @ 2.5'		11:20	G	Solid								
41	A-6 @ 0.5'		8:35	G	Solid			C		X	X		
42	A-6 @ 2.5'		8:35	G	Solid								
43	A-6 DUP @ 0.5'		8:40	G	Solid			C		X	X		
44	A-6 DUP @ 2.5'		8:40	G	Solid								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/4 13:15	PLACEWORKS	[signature]	10/4/23 1315	EFTSM
2	[signature]	10/4/23 1630	EFTSM	[signature]	10/5/23 0940	ET
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5/1.4 SC12

Ver: 01/16/2019

155379

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			Other:
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
45	A-2 @ 0.5'	10/4	9:30	G	Solid			C		X	X		C = Composite Sample
46	A-2 @ 2.5'		9:30	G	Solid								D = Discrete Sample; - Sample will be archived for possible future analysis
47	A-3 @ 0.5'		9:25	G	Solid			C		X	X		DUP = Duplicate
48	A-3 @ 2.5'		9:25	G	Solid								EB = Equipment Blank
49	A-4 @ 0.5'		9:15	G	Solid			C		X	X		
50	A-4 @ 2.5'		9:15	G	Solid								
51	A-5 @ 0.5'		9:10	G	Solid			C		X	X		
52	A-5 @ 2.5'		9:10	G	Solid								
53	A-7 @ 0.5'		9:00	G	Solid			C		X	X		
54	A-7 @ 2.5'		9:00	G	Solid								
55	A-8 @ 0.5'		9:05	G	Solid			C		X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 10/4 13:15	Company: PLACEWORKS	Received by:	Date/Time: 10/4/23 1315	Company: EETSAC
Relinquished by:	Date/Time: 10/4/23 1630	Company: EETSAC	Received by:	Date/Time: 10/5/23 0940	Company: EETSAC
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.5/1.4 SCR

Ver: 01/16/2019

155379

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
56	A-8 @ 2.5'	10/4	9:05	G	Solid								C = Composite Sample
57	EB 10.04.23	↓	12:20		WATER			X	X	X	X		D = Discrete Sample; - Sample will be archived for possible future analysis
	EB 10.04.23	↓	12:20		WATER			X	X		X		DUP = Duplicate
													EB = Equipment Blank

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miles Barker	10/4 13:15	PLACEWORKS		10/4/23 1315	EETSMC
2		10/4/23 1630	EETSMC		10/5/23 0940	EC
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		1.5/1.4 SC12

Ver: 01/16/2019

TABLE 1
SOIL SAMPLING AND ANALYSIS PROGRAM
Oak Ridge Elementary School Rebuild Project
Sacramento City Unified School District
Sacramento, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A Organochlorine Pesticides	EPA 8082 Polychlorinated Biphenyls	EPA 6010B Arsenic	EPA 6010B Lead
A-1, A-6	0' - 0.5'	Former Agriculture	C		2D (A-1, A-6)	2D (A-1, A-6)
	2.5' - 3.0'		-		-	-
A-1 DUP, A-6 DUP	0' - 0.5'	Duplicate	C DUP		D DUP (A-1 DUP)	2D DUP (A-1 DUP, A-6 DUP)
	2.5' - 3.0'		-		-	-
A-2, A-3	0' - 0.5'	Former Agriculture	C		2D (A-2, A-3)	2D (A-2, A-3)
	2.5' - 3.0'		-		-	-
A-4, A-5	0' - 0.5'	Former Agriculture	C		2D (A-4, A-5)	2D (A-4, A-5)
	2.5' - 3.0'		-		-	-
A-7, A-8	0' - 0.5'	Former Agriculture	C		2D (A-7, A-8)	2D (A-7, A-8)
	2.5' - 3.0'		-		-	-
B-1, B-2, B-3	0' - 0.5'	Existing Building	C	3D (B-1, B-2, B-3)		3D (B-1, B-2, B-3)
	2.5' - 3.0'	Predating 1978	C	-		-
B-4, B-5, B-6	0' - 0.5'	Existing Building	C	3D (B-4, B-5, B-6)		3D (B-4, B-5, B-6)
	2.5' - 3.0'	Predating 1978	C			-
B-7, B-8	0' - 0.5'	Existing Building	C	2D (B-7, B-8)		2D (B-7, B-8)
	2.5' - 3.0'	Predating 1978	C	-		-
B-7 DUP, B-8 DUP	0' - 0.5'	Duplicate	C DUP	2D DUP (B-7 DUP, B-8 DUP)		2D DUP (B-7 DUP, B-8 DUP)
	2.5' - 3.0'		C DUP	-		-
B-9, B-10	0' - 0.5'	Existing Building	C	2D (B-9, B-10)		2D (B-9, B-10)
	2.5' - 3.0'	Predating 1978	C	-		-
B-9 DUP, B-10 DUP	0' - 0.5'	Duplicate	C DUP			2D DUP (B-9 DUP, B-10 DUP)
	2.5' - 3.0'		C DUP			-
B-11, B-12, B-13	0' - 0.5'	Existing Building	C	3D (B-11, B-12, B-13)		3D (B-11, B-12, B-13)
	2.5' - 3.0'	Predating 1978	C	-		-
B-14, B-15	0' - 0.5'	Existing Building	C	2D (B-14, B-15)		2D (B-14, B-15)
	2.5' - 3.0'	Predating 1978	C	-		-
B-16, B-17, B-18	0' - 0.5'	Existing Building	C	3D (B-16, B-17, B-18)		3D (B-16, B-17, B-18)
	2.5' - 3.0'	Predating 1978	C	-		-
B-19, B-20, B-21	0' - 0.5'	Existing Building	C	D (B-19)		3D (B-19, B-20, B-21)
	2.5' - 3.0'	Predating 1978	C	-		-
B-22, B-23, B-24	0' - 0.5'	Existing Building	C	3D (B-22, B-23, B-24)		3D (B-22, B-23, B-24)
	2.5' - 3.0'	Predating 1978	C	-		-
B-25, B-26, B-27	0' - 0.5'	Existing Building	C	D (B-25)		3D (B-25, B-26, B-27)
	2.5' - 3.0'	Predating 1978	C	-		-
B-28, B-29, B-30	0' - 0.5'	Existing Building	C	3D (B-28, B-29, B-30)		3D (B-28, B-29, B-30)
	2.5' - 3.0'	Predating 1978	C	-		-
B-31, B-32, B-33	0' - 0.5'	Existing Building	C	2D (B-31, B-32)		3D (B-31, B-32, B-33)
	2.5' - 3.0'	Predating 1978	C	-		-
B-34, B-35, B-36	0' - 0.5'	Existing Building	C			3D (B-34, B-35, B-36)
	2.5' - 3.0'	Predating 1978	C			-
B-37, B-38, B-39	0' - 0.5'	Existing Building	C			3D (B-37, B-38, B-39)
	2.5' - 3.0'	Predating 1978	C			-
B-40, B-41, B-42, B-43	0' - 0.5'	Existing Building	C	2D (B-40, B-41)		4D (B-40, B-41, B-42, B-43)
	2.5' - 3.0'	Predating 1978	C	-		-
B-44, B-45	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-46, B-47, B-48	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-49, B-50, B-51	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-52, B-53, B-54	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-55, B-56, B-57	0' - 0.5'	Former Building Predating	C			3D (B-55, B-56, B-57)
	2.5' - 3.0'	1947	C			-
B-58, B-59, B-60	0' - 0.5'	Former Building Predating	C			3D (B-58, B-59, B-60)
	2.5' - 3.0'	1947	C			-
T-1	0' - 0.5'	Pad-Mounted		D		
	2.5' - 3.0'	Transformer		-		
T-1 DUP	0' - 0.5'	Duplicate		D DUP		
	2.5' - 3.0'			-		
T-2	0' - 0.5'	Pole-Mounted		D		
	2.5' - 3.0'	Transformer		-		
2 EB	NA	Quality Control	2D	2D	1D	2D
TOTAL			**46 C, 5 C DUP, 2 EB**	**32 D, 3 D DUP, 2 EB**	**8 D, 1 DUP, 1 EB**	**56 D, 6 D DUPs, 2 EB**

Notes:
No lead samples are proposed for B-44 through B-54 due to the building being surrounded with hardscape.
C = Composite Sample; D = Discrete Sample; - Sample will be archived for possible future analysis;
DUP = Duplicate; EB = Equipment Blank
Field duplicates will be collected at a frequency of approximately 10 percent of the primary samples collected.
Equipment blanks will be collected at a frequency of one per day of field activities.

Custody Seal

DATE 10/4/23

SIGNATURE

TAL-0090(1016)

ORIGIN ID:BLUA
TEST AMERICA
EUROFINS TESTAMERICA W SACRAMENTO
880 RIVERSIDE PARKWAY

WEST SACRAMENTO, CA 95605
UNITED STATES US

SHIP DATE: 04OCT23
ACTWGT: 57.55 LB
CAD: 852262/CAFE3753

BILL SENDER

TO EUROFINS ENV. TESTING SOUTHWEST
SAMPLE RECEIVING
2841 DOW AVE
SUITE 100
TUSTIN CA 92780
(949) 261-1022
REF: SEND OUTS

FedEx Express

FedEx
TRK# 0201 6201 1515 4187

THU - 05 OCT AA
PRIORITY OVERNIGHT

92 DTHA

92780
CA-US
SNA

4024894 04Oct 22:20 OAKH 577G9/3D0A/D486

Ship Date: 04Oct23
Track Num: 620115154198
Project ID:

Recipient Address:
SAMPLE RECEIVING
EUROFINS ENV. TESTING SOUTHWEST
2841 DOW AVE
SUITE 100
TUSTIN
CA
92780
US

Part # 159470-434 MTW EXP 03/24

155379

570-155379 Waybill

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-155379-1

Login Number: 155379
List Number: 1
Creator: Gutierrez, Rebecca

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	False	Refer to Job Narrative for details.
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764
Generated 10/12/2023 10:21:22 AM

JOB DESCRIPTION

SCUS-08.0

JOB NUMBER

570-155657-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization

Generated
10/12/2023 10:21:22 AM

Authorized for release by
Jennifer Moffatt, Project Manager I
Jennifer.Moffatt@et.eurofinsus.com
Designee for
Lori Thompson, Project Manager I
Lori.Thompson@et.eurofinsus.com
(657)212-3035

Table of Contents

Definitions/Glossary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-155657-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-155657-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/6/2023 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.8°C and 2.8°C

PCBs
Method 8082: The following sample required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: EB 10.05.23 (570-155657-33). The reagent lot number used was: 2895226.Method 8081/8082.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 8081A: The following sample required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: EB 10.05.23 (570-155657-33). The reagent lot number used was: 2895226.Method 8081/8082.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Organic Prep
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-28 @ 0.5' — Lab Sample ID: 570-155657-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	15.1		1.99		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-28 @ 2.5' — Lab Sample ID: 570-155657-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-29 @ 0.5' — Lab Sample ID: 570-155657-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	37.0		1.99		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-29 @ 2.5' — Lab Sample ID: 570-155657-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-30 @ 0.5' — Lab Sample ID: 570-155657-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	33.1		2.01		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-30 @ 2.5' — Lab Sample ID: 570-155657-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-31 @ 0.5' — Lab Sample ID: 570-155657-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	42.5		1.99		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-31 @ 2.5' — Lab Sample ID: 570-155657-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-32 @ 0.5' — Lab Sample ID: 570-155657-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	46.1		1.98		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-32 @ 2.5' — Lab Sample ID: 570-155657-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-33 @ 0.5' — Lab Sample ID: 570-155657-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	36.9		2.00		mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-33 @ 0.5' (Continued) — Lab Sample ID: 570-155657-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-33 @ 2.5' — Lab Sample ID: 570-155657-12

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-34 @ 0.5' — Lab Sample ID: 570-155657-13

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	42.1		2.01		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-34 @ 2.5' — Lab Sample ID: 570-155657-14

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-35 @ 0.5' — Lab Sample ID: 570-155657-15

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	36.0		2.04		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-35 @ 2.5' — Lab Sample ID: 570-155657-16

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-36 @ 0.5' — Lab Sample ID: 570-155657-17

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	22.7		2.01		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-36 @ 2.5' — Lab Sample ID: 570-155657-18

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-37 @ 0.5' — Lab Sample ID: 570-155657-19

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	18.8		2.01		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-37 @ 2.5' — Lab Sample ID: 570-155657-20

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-38 @ 0.5' — Lab Sample ID: 570-155657-21

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	22.9		2.01		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-38 @ 2.5' — Lab Sample ID: 570-155657-22

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-39 @ 0.5' — Lab Sample ID: 570-155657-23

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	34.9		1.99		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-39 @ 2.5' — Lab Sample ID: 570-155657-24

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-40 @ 0.5' — Lab Sample ID: 570-155657-25

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	19.1		2.03		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-40 @ 2.5' — Lab Sample ID: 570-155657-26

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-41 @ 0.5' — Lab Sample ID: 570-155657-27

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	8.63		2.01		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-41 @ 2.5' — Lab Sample ID: 570-155657-28

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-42 @ 0.5' — Lab Sample ID: 570-155657-29

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	7.32		2.01		mg/Kg	5		6010B	Total/NA
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-42 @ 2.5' — Lab Sample ID: 570-155657-30

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	yes				NONE	1		Composite	Total/NA

Client Sample ID: B-43 @ 0.5' — Lab Sample ID: 570-155657-31

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	8.74		2.04		mg/Kg	5		6010B	Total/NA
Composited	YES				NONE	1		Composite	Total/NA

Client Sample ID: B-43 @ 2.5' — Lab Sample ID: 570-155657-32

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Composited	YES				NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: EB 10.05.23 — Lab Sample ID: 570-155657-33

No Detections.

Client Sample ID: B-28, B-29, B30 @ 0.5' Composite — Lab Sample ID: 570-155657-34

No Detections.

Client Sample ID: B-28, B-29, B30 @ 2.5' Composite — Lab Sample ID: 570-155657-35

No Detections.

Client Sample ID: B-31, B-32, B33 @ 0.5' Composite — Lab Sample ID: 570-155657-36

No Detections.

Client Sample ID: B-31, B-32, B33 @ 2.5' Composite — Lab Sample ID: 570-155657-37

No Detections.

Client Sample ID: B-34, B-35, B36 @ 0.5' Composite — Lab Sample ID: 570-155657-38

No Detections.

Client Sample ID: B-34, B-35, B36 @ 2.5' Composite — Lab Sample ID: 570-155657-39

No Detections.

Client Sample ID: B-37, B-38, B39 @ 0.5' Composite — Lab Sample ID: 570-155657-40

No Detections.

Client Sample ID: B-37, B-38, B39 @ 2.5' Composite — Lab Sample ID: 570-155657-41

No Detections.

Client Sample ID: B-40, B-41, B42 @ 0.5' Composite — Lab Sample ID: 570-155657-42

No Detections.

Client Sample ID: B-40, B-41, B42 @ 2.5' Composite — Lab Sample ID: 570-155657-43

No Detections.

This Detection Summary does not include radiochemical test results.

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: EB 10.05.23
Date Collected: 10/05/23 10:15
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-33
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.044		ug/L		10/10/23 08:09	10/11/23 16:43	1
4,4'-DDE	ND		0.022		ug/L		10/10/23 08:09	10/11/23 16:43	1
4,4'-DDT	ND		0.022		ug/L		10/10/23 08:09	10/11/23 16:43	1
Aldrin	ND		0.022		ug/L		10/10/23 08:09	10/11/23 16:43	1
alpha-BHC	ND		0.0087		ug/L		10/10/23 08:09	10/11/23 16:43	1
cis-Chlordane	ND		0.022		ug/L		10/10/23 08:09	10/11/23 16:43	1
beta-BHC	ND		0.033		ug/L		10/10/23 08:09	10/11/23 16:43	1
delta-BHC	ND		0.022		ug/L		10/10/23 08:09	10/11/23 16:43	1
Dieldrin	ND		0.022		ug/L		10/10/23 08:09	10/11/23 16:43	1
Endosulfan I	ND		0.0087		ug/L		10/10/23 08:09	10/11/23 16:43	1
Endosulfan II	ND		0.044		ug/L		10/10/23 08:09	10/11/23 16:43	1
Endosulfan sulfate	ND		0.022		ug/L		10/10/23 08:09	10/11/23 16:43	1
Endrin	ND		0.022		ug/L		10/10/23 08:09	10/11/23 16:43	1
Endrin aldehyde	ND		0.22		ug/L		10/10/23 08:09	10/11/23 16:43	1
Endrin ketone	ND		0.022		ug/L		10/10/23 08:09	10/11/23 16:43	1
gamma-BHC (Lindane)	ND		0.0087		ug/L		10/10/23 08:09	10/11/23 16:43	1
trans-Chlordane	ND		0.066		ug/L		10/10/23 08:09	10/11/23 16:43	1
Heptachlor	ND		0.0087		ug/L		10/10/23 08:09	10/11/23 16:43	1
Heptachlor epoxide	ND		0.044		ug/L		10/10/23 08:09	10/11/23 16:43	1
Methoxychlor	ND		0.044		ug/L		10/10/23 08:09	10/11/23 16:43	1
Toxaphene	ND		0.44		ug/L		10/10/23 08:09	10/11/23 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*58*		*49 - 132*	*10/10/23 08:09*	*10/11/23 16:43*	*1*
DCB Decachlorobiphenyl (Surr)	*47*		*10 - 142*	*10/10/23 08:09*	*10/11/23 16:43*	*1*

Client Sample ID: B-28, B-29, B30 @ 0.5' Composite
Date Collected: 10/05/23 10:15
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-34
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
Aldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
Endrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1
Methoxychlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 14:53	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-28, B-29, B30 @ 0.5' Composite
Date Collected: 10/05/23 10:15
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-34
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		25		ug/Kg		10/09/23 10:54	10/11/23 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*65*		*38 - 148*	*10/09/23 10:54*	*10/11/23 14:53*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*37 - 151*	*10/09/23 10:54*	*10/11/23 14:53*	*1*

Client Sample ID: B-28, B-29, B30 @ 2.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-35
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Aldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Endrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Methoxychlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:08	1
Toxaphene	ND		25		ug/Kg		10/09/23 10:54	10/11/23 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*75*		*38 - 148*	*10/09/23 10:54*	*10/11/23 15:08*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*37 - 151*	*10/09/23 10:54*	*10/11/23 15:08*	*1*

Client Sample ID: B-31, B-32, B33 @ 0.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-36
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
4,4'-DDE	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
4,4'-DDT	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
Aldrin	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
alpha-BHC	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
cis-Chlordane	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
beta-BHC	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
delta-BHC	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
Dieldrin	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
Endosulfan I	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-31, B-32, B33 @ 0.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-36
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
Endosulfan sulfate	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
Endrin	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
Endrin aldehyde	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
Endrin ketone	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
trans-Chlordane	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
Heptachlor	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
Heptachlor epoxide	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
Methoxychlor	ND		4.9		ug/Kg		10/09/23 10:54	10/11/23 15:22	1
Toxaphene	ND		25		ug/Kg		10/09/23 10:54	10/11/23 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*76*		*38 - 148*	*10/09/23 10:54*	*10/11/23 15:22*	*1*
DCB Decachlorobiphenyl (Surr)	*87*		*37 - 151*	*10/09/23 10:54*	*10/11/23 15:22*	*1*

Client Sample ID: B-31, B-32, B33 @ 2.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-37
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Aldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Endrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Methoxychlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:36	1
Toxaphene	ND		25		ug/Kg		10/09/23 10:54	10/11/23 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*76*		*38 - 148*	*10/09/23 10:54*	*10/11/23 15:36*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*37 - 151*	*10/09/23 10:54*	*10/11/23 15:36*	*1*

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: B-34, B-35, B36 @ 0.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-38
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Aldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Endrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Methoxychlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 15:50	1
Toxaphene	ND		25		ug/Kg		10/09/23 10:54	10/11/23 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*72*		*38 - 148*	*10/09/23 10:54*	*10/11/23 15:50*	*1*
DCB Decachlorobiphenyl (Surr)	*87*		*37 - 151*	*10/09/23 10:54*	*10/11/23 15:50*	*1*

Client Sample ID: B-34, B-35, B36 @ 2.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-39
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
Aldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
Endrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1
Methoxychlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:05	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-34, B-35, B36 @ 2.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-39
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		25		ug/Kg		10/09/23 10:54	10/11/23 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*74*		*38 - 148*	*10/09/23 10:54*	*10/11/23 16:05*	*1*
DCB Decachlorobiphenyl (Surr)	*78*		*37 - 151*	*10/09/23 10:54*	*10/11/23 16:05*	*1*

Client Sample ID: B-37, B-38, B39 @ 0.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-40
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Aldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Endrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Methoxychlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:19	1
Toxaphene	ND		25		ug/Kg		10/09/23 10:54	10/11/23 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*65*		*38 - 148*	*10/09/23 10:54*	*10/11/23 16:19*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*37 - 151*	*10/09/23 10:54*	*10/11/23 16:19*	*1*

Client Sample ID: B-37, B-38, B39 @ 2.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-41
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
4,4'-DDE	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
4,4'-DDT	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
Aldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
alpha-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1

Method: SW846 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: B-37, B-38, B39 @ 2.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-41
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
Endrin	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
Methoxychlor	ND		5.0		ug/Kg		10/09/23 10:54	10/11/23 16:33	1
Toxaphene	ND		25		ug/Kg		10/09/23 10:54	10/11/23 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*74*		*38 - 148*	*10/09/23 10:54*	*10/11/23 16:33*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*37 - 151*	*10/09/23 10:54*	*10/11/23 16:33*	*1*

Client Sample ID: B-40, B-41, B42 @ 0.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-42
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
4,4'-DDE	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
4,4'-DDT	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Aldrin	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
alpha-BHC	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
cis-Chlordane	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
beta-BHC	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
delta-BHC	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Dieldrin	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Endosulfan I	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Endosulfan II	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Endosulfan sulfate	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Endrin	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Endrin aldehyde	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Endrin ketone	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
gamma-BHC (Lindane)	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
trans-Chlordane	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Heptachlor	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Heptachlor epoxide	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Methoxychlor	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 16:47	1
Toxaphene	ND		24		ug/Kg		10/09/23 10:54	10/11/23 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*72*		*38 - 148*	*10/09/23 10:54*	*10/11/23 16:47*	*1*
DCB Decachlorobiphenyl (Surr)	*97*		*37 - 151*	*10/09/23 10:54*	*10/11/23 16:47*	*1*

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: B-40, B-41, B42 @ 2.5' Composite
Date Collected: 10/05/23 00:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-43
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
4,4'-DDE	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
4,4'-DDT	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Aldrin	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
alpha-BHC	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
cis-Chlordane	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
beta-BHC	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
delta-BHC	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Dieldrin	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Endosulfan I	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Endosulfan II	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Endosulfan sulfate	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Endrin	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Endrin aldehyde	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Endrin ketone	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
gamma-BHC (Lindane)	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
trans-Chlordane	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Heptachlor	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Heptachlor epoxide	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Methoxychlor	ND		4.8		ug/Kg		10/09/23 10:54	10/11/23 17:01	1
Toxaphene	ND		24		ug/Kg		10/09/23 10:54	10/11/23 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*76*		*38 - 148*	*10/09/23 10:54*	*10/11/23 17:01*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*37 - 151*	*10/09/23 10:54*	*10/11/23 17:01*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: B-28 @ 0.5'
Date Collected: 10/05/23 09:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		48		ug/Kg		10/06/23 16:50	10/09/23 00:09	1
PCB-1221	ND		48		ug/Kg		10/06/23 16:50	10/09/23 00:09	1
PCB-1232	ND		48		ug/Kg		10/06/23 16:50	10/09/23 00:09	1
PCB-1242	ND		48		ug/Kg		10/06/23 16:50	10/09/23 00:09	1
PCB-1248	ND		48		ug/Kg		10/06/23 16:50	10/09/23 00:09	1
PCB-1254	ND		48		ug/Kg		10/06/23 16:50	10/09/23 00:09	1
PCB-1260	ND		48		ug/Kg		10/06/23 16:50	10/09/23 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*42*		*20 - 120*	*10/06/23 16:50*	*10/09/23 00:09*	*1*
Tetrachloro-m-xylene (Surr)	*47*		*25 - 120*	*10/06/23 16:50*	*10/09/23 00:09*	*1*

Client Sample ID: B-29 @ 0.5'
Date Collected: 10/05/23 09:35
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:28	1
PCB-1221	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:28	1
PCB-1232	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:28	1
PCB-1242	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:28	1
PCB-1248	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:28	1
PCB-1254	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:28	1
PCB-1260	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*48*		*20 - 120*	*10/06/23 16:50*	*10/09/23 00:28*	*1*
Tetrachloro-m-xylene (Surr)	*59*		*25 - 120*	*10/06/23 16:50*	*10/09/23 00:28*	*1*

Client Sample ID: B-30 @ 0.5'
Date Collected: 10/05/23 09:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:47	1
PCB-1221	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:47	1
PCB-1232	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:47	1
PCB-1242	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:47	1
PCB-1248	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:47	1
PCB-1254	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:47	1
PCB-1260	ND		50		ug/Kg		10/06/23 16:50	10/09/23 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*52*		*20 - 120*	*10/06/23 16:50*	*10/09/23 00:47*	*1*
Tetrachloro-m-xylene (Surr)	*59*		*25 - 120*	*10/06/23 16:50*	*10/09/23 00:47*	*1*

Client Sample ID: B-31 @ 0.5'
Date Collected: 10/05/23 09:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		48		ug/Kg		10/06/23 16:50	10/09/23 01:06	1
PCB-1221	ND		48		ug/Kg		10/06/23 16:50	10/09/23 01:06	1
PCB-1232	ND		48		ug/Kg		10/06/23 16:50	10/09/23 01:06	1

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: B-31 @ 0.5'
Date Collected: 10/05/23 09:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		48		ug/Kg		10/06/23 16:50	10/09/23 01:06	1
PCB-1248	ND		48		ug/Kg		10/06/23 16:50	10/09/23 01:06	1
PCB-1254	ND		48		ug/Kg		10/06/23 16:50	10/09/23 01:06	1
PCB-1260	ND		48		ug/Kg		10/06/23 16:50	10/09/23 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*44*		*20 - 120*	*10/06/23 16:50*	*10/09/23 01:06*	*1*
Tetrachloro-m-xylene (Surr)	*50*		*25 - 120*	*10/06/23 16:50*	*10/09/23 01:06*	*1*

Client Sample ID: B-32 @ 0.5'
Date Collected: 10/05/23 09:20
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-9
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		10/06/23 16:50	10/09/23 01:25	1
PCB-1221	ND		49		ug/Kg		10/06/23 16:50	10/09/23 01:25	1
PCB-1232	ND		49		ug/Kg		10/06/23 16:50	10/09/23 01:25	1
PCB-1242	ND		49		ug/Kg		10/06/23 16:50	10/09/23 01:25	1
PCB-1248	ND		49		ug/Kg		10/06/23 16:50	10/09/23 01:25	1
PCB-1254	ND		49		ug/Kg		10/06/23 16:50	10/09/23 01:25	1
PCB-1260	ND		49		ug/Kg		10/06/23 16:50	10/09/23 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*55*		*20 - 120*	*10/06/23 16:50*	*10/09/23 01:25*	*1*
Tetrachloro-m-xylene (Surr)	*59*		*25 - 120*	*10/06/23 16:50*	*10/09/23 01:25*	*1*

Client Sample ID: B-40 @ 0.5'
Date Collected: 10/05/23 07:27
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-25
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/06/23 16:50	10/09/23 01:44	1
PCB-1221	ND		50		ug/Kg		10/06/23 16:50	10/09/23 01:44	1
PCB-1232	ND		50		ug/Kg		10/06/23 16:50	10/09/23 01:44	1
PCB-1242	ND		50		ug/Kg		10/06/23 16:50	10/09/23 01:44	1
PCB-1248	ND		50		ug/Kg		10/06/23 16:50	10/09/23 01:44	1
PCB-1254	ND		50		ug/Kg		10/06/23 16:50	10/09/23 01:44	1
PCB-1260	ND		50		ug/Kg		10/06/23 16:50	10/09/23 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*57*		*20 - 120*	*10/06/23 16:50*	*10/09/23 01:44*	*1*
Tetrachloro-m-xylene (Surr)	*64*		*25 - 120*	*10/06/23 16:50*	*10/09/23 01:44*	*1*

Client Sample ID: B-41 @ 0.5'
Date Collected: 10/05/23 07:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-27
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/06/23 16:50	10/09/23 02:03	1
PCB-1221	ND		50		ug/Kg		10/06/23 16:50	10/09/23 02:03	1
PCB-1232	ND		50		ug/Kg		10/06/23 16:50	10/09/23 02:03	1
PCB-1242	ND		50		ug/Kg		10/06/23 16:50	10/09/23 02:03	1
PCB-1248	ND		50		ug/Kg		10/06/23 16:50	10/09/23 02:03	1
PCB-1254	ND		50		ug/Kg		10/06/23 16:50	10/09/23 02:03	1

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Client Sample ID: B-41 @ 0.5'
Date Collected: 10/05/23 07:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-27
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		50		ug/Kg		10/06/23 16:50	10/09/23 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*55*		*20 - 120*	*10/06/23 16:50*	*10/09/23 02:03*	*1*
Tetrachloro-m-xylene (Surr)	*60*		*25 - 120*	*10/06/23 16:50*	*10/09/23 02:03*	*1*

Client Sample ID: EB 10.05.23
Date Collected: 10/05/23 10:15
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-33
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.44		ug/L		10/10/23 08:09	10/11/23 13:26	1
PCB-1221	ND		0.44		ug/L		10/10/23 08:09	10/11/23 13:26	1
PCB-1232	ND		0.44		ug/L		10/10/23 08:09	10/11/23 13:26	1
PCB-1242	ND		0.44		ug/L		10/10/23 08:09	10/11/23 13:26	1
PCB-1248	ND		0.44		ug/L		10/10/23 08:09	10/11/23 13:26	1
PCB-1254	ND		0.44		ug/L		10/10/23 08:09	10/11/23 13:26	1
PCB-1260	ND		0.44		ug/L		10/10/23 08:09	10/11/23 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*42*		*20 - 122*	*10/10/23 08:09*	*10/11/23 13:26*	*1*
Tetrachloro-m-xylene (Surr)	*59*		*20 - 144*	*10/10/23 08:09*	*10/11/23 13:26*	*1*

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-28 @ 0.5'
Date Collected: 10/05/23 09:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	15.1		1.99		mg/Kg		10/10/23 11:05	10/10/23 17:51	5

Client Sample ID: B-29 @ 0.5'
Date Collected: 10/05/23 09:35
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	37.0		1.99		mg/Kg		10/10/23 11:05	10/10/23 18:53	5

Client Sample ID: B-30 @ 0.5'
Date Collected: 10/05/23 09:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	33.1		2.01		mg/Kg		10/10/23 11:05	10/10/23 18:56	5

Client Sample ID: B-31 @ 0.5'
Date Collected: 10/05/23 09:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	42.5		1.99		mg/Kg		10/10/23 11:05	10/10/23 18:58	5

Client Sample ID: B-32 @ 0.5'
Date Collected: 10/05/23 09:20
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-9
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	46.1		1.98		mg/Kg		10/10/23 11:05	10/10/23 19:00	5

Client Sample ID: B-33 @ 0.5'
Date Collected: 10/05/23 09:15
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-11
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	36.9		2.00		mg/Kg		10/11/23 07:21	10/11/23 16:08	5

Client Sample ID: B-34 @ 0.5'
Date Collected: 10/05/23 09:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-13
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	42.1		2.01		mg/Kg		10/11/23 11:22	10/11/23 16:10	5

Client Sample ID: B-35 @ 0.5'
Date Collected: 10/05/23 08:55
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-15
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	36.0		2.04		mg/Kg		10/10/23 11:05	10/10/23 19:03	5

Client Sample ID: B-36 @ 0.5'
Date Collected: 10/05/23 08:50
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-17
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	22.7		2.01		mg/Kg		10/10/23 11:05	10/10/23 19:05	5

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-37 @ 0.5'
Date Collected: 10/05/23 08:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-19
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	18.8		2.01		mg/Kg		10/10/23 11:05	10/10/23 19:08	5

Client Sample ID: B-38 @ 0.5'
Date Collected: 10/05/23 08:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-21
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	22.9		2.01		mg/Kg		10/10/23 11:05	10/10/23 19:10	5

Client Sample ID: B-39 @ 0.5'
Date Collected: 10/05/23 08:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-23
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	34.9		1.99		mg/Kg		10/10/23 11:05	10/10/23 19:12	5

Client Sample ID: B-40 @ 0.5'
Date Collected: 10/05/23 07:27
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-25
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	19.1		2.03		mg/Kg		10/10/23 11:05	10/10/23 19:15	5

Client Sample ID: B-41 @ 0.5'
Date Collected: 10/05/23 07:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-27
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.63		2.01		mg/Kg		10/10/23 11:05	10/10/23 19:22	5

Client Sample ID: B-42 @ 0.5'
Date Collected: 10/05/23 07:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-29
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.32		2.01		mg/Kg		10/10/23 11:05	10/10/23 19:24	5

Client Sample ID: B-43 @ 0.5'
Date Collected: 10/05/23 07:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-31
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.74		2.04		mg/Kg		10/10/23 11:05	10/10/23 19:27	5

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Method: SW846 6010B - Metals (ICP) - Total Recoverable

Client Sample ID: EB 10.05.23
Date Collected: 10/05/23 10:15
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-33
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100		mg/L		10/10/23 09:36	10/10/23 15:52	1
Lead	ND		0.0500		mg/L		10/10/23 09:36	10/10/23 15:52	1

Method: Composite - Sample Compositing

Client Sample ID: B-28 @ 0.5'
Date Collected: 10/05/23 09:40
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 18:18	1

Client Sample ID: B-28 @ 2.5'
Date Collected: 10/05/23 09:40
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-29 @ 0.5'
Date Collected: 10/05/23 09:35
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 18:18	1

Client Sample ID: B-29 @ 2.5'
Date Collected: 10/05/23 09:35
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-30 @ 0.5'
Date Collected: 10/05/23 09:30
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 18:18	1

Client Sample ID: B-30 @ 2.5'
Date Collected: 10/05/23 09:30
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-31 @ 0.5'
Date Collected: 10/05/23 09:25
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/10/23 16:00	1

Client Sample ID: B-31 @ 2.5'
Date Collected: 10/05/23 09:25
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-32 @ 0.5'
Date Collected: 10/05/23 09:20
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-9
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/10/23 16:00	1

Method: Composite - Sample Compositing

Client Sample ID: B-32 @ 2.5'
Date Collected: 10/05/23 09:20
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-10
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-33 @ 0.5'
Date Collected: 10/05/23 09:15
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-11
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/10/23 16:00	1

Client Sample ID: B-33 @ 2.5'
Date Collected: 10/05/23 09:15
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-12
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-34 @ 0.5'
Date Collected: 10/05/23 09:00
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-13
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-34 @ 2.5'
Date Collected: 10/05/23 09:00
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-14
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-35 @ 0.5'
Date Collected: 10/05/23 08:55
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-15
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-35 @ 2.5'
Date Collected: 10/05/23 08:55
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-16
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-36 @ 0.5'
Date Collected: 10/05/23 08:50
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-17
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-36 @ 2.5'
Date Collected: 10/05/23 08:50
Date Received: 10/06/23 09:30
Lab Sample ID: 570-155657-18
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Method: Composite - Sample Compositing

Client Sample ID: B-37 @ 0.5'
Date Collected: 10/05/23 08:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-19
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-37 @ 2.5'
Date Collected: 10/05/23 08:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-20
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:51	1

Client Sample ID: B-38 @ 0.5'
Date Collected: 10/05/23 08:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-21
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-38 @ 2.5'
Date Collected: 10/05/23 08:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-22
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:51	1

Client Sample ID: B-39 @ 0.5'
Date Collected: 10/05/23 08:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-23
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:49	1

Client Sample ID: B-39 @ 2.5'
Date Collected: 10/05/23 08:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-24
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:51	1

Client Sample ID: B-40 @ 0.5'
Date Collected: 10/05/23 07:27
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-25
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/10/23 10:44	1

Client Sample ID: B-40 @ 2.5'
Date Collected: 10/05/23 07:27
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-26
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:51	1

Client Sample ID: B-41 @ 0.5'
Date Collected: 10/05/23 07:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-27
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/10/23 10:44	1

Method: Composite - Sample Compositing

Client Sample ID: B-41 @ 2.5'
Date Collected: 10/05/23 07:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-28
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:51	1

Client Sample ID: B-42 @ 0.5'
Date Collected: 10/05/23 07:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-29
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/10/23 10:44	1

Client Sample ID: B-42 @ 2.5'
Date Collected: 10/05/23 07:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-30
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes				NONE			10/09/23 13:51	1

Client Sample ID: B-43 @ 0.5'
Date Collected: 10/05/23 07:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-31
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	YES				NONE			10/10/23 10:44	1

Client Sample ID: B-43 @ 2.5'
Date Collected: 10/05/23 07:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-32
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Composited	YES				NONE			10/09/23 13:51	1

Surrogate Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB1
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-155657-34	B-28, B-29, B30 @ 0.5' Compos	65	74
570-155657-35	B-28, B-29, B30 @ 2.5' Composite	75	85
570-155657-36	B-31, B-32, B33 @ 0.5' Composite	76	87
570-155657-39	B-34, B-35, B36 @ 2.5' Composite	74	78
570-155657-41	B-37, B-38, B39 @ 2.5' Composite	74	81
570-155657-42	B-40, B-41, B42 @ 0.5' Composite	72	97
MB 570-371809/1-A	Method Blank	69	68

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-155657-37	B-31, B-32, B33 @ 2.5' Compos	76	84
570-155657-43	B-40, B-41, B42 @ 2.5' Composite	76	89

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-155657-38	B-34, B-35, B36 @ 0.5' Compos	72	87
570-155657-40	B-37, B-38, B39 @ 0.5' Composite	65	75
LCS 570-371809/2-A	Lab Control Sample	87	86
LCSD 570-371809/3-A	Lab Control Sample Dup	88	90

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(49-132)	(10-142)
570-155657-33	EB 10.05.23	58	47

Surrogate Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(49-132)	(10-142)
LCS 570-371730/2-A	Lab Control Sample	85	93
LCSD 570-371730/3-A	Lab Control Sample Dup	78	84
MB 570-371730/1-A	Method Blank	66	72

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(20-120)	(25-120)
570-155657-1	B-28 @ 0.5'	42	47
570-155657-3	B-29 @ 0.5'	48	59
570-155657-5	B-30 @ 0.5'	52	59
570-155657-7	B-31 @ 0.5'	44	50
570-155657-9	B-32 @ 0.5'	55	59
570-155657-25	B-40 @ 0.5'	57	64
570-155657-27	B-41 @ 0.5'	55	60
LCS 570-371369/2-A	Lab Control Sample	31	38
LCSD 570-371369/3-A	Lab Control Sample Dup	30	34
MB 570-371369/1-A	Method Blank	30	35

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(20-122)	(20-144)
570-155657-33	EB 10.05.23	42	59

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-371730/1-A
Matrix: Water
Analysis Batch: 372686

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371730

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.040		ug/L		10/09/23 08:09	10/11/23 14:41	1
4,4'-DDE	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
4,4'-DDT	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
Aldrin	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
alpha-BHC	ND		0.0080		ug/L		10/09/23 08:09	10/11/23 14:41	1
cis-Chlordane	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
beta-BHC	ND		0.030		ug/L		10/09/23 08:09	10/11/23 14:41	1
delta-BHC	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
Dieldrin	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endosulfan I	ND		0.0080		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endosulfan II	ND		0.040		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endosulfan sulfate	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endrin	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endrin aldehyde	ND		0.20		ug/L		10/09/23 08:09	10/11/23 14:41	1
Endrin ketone	ND		0.020		ug/L		10/09/23 08:09	10/11/23 14:41	1
gamma-BHC (Lindane)	ND		0.0080		ug/L		10/09/23 08:09	10/11/23 14:41	1
trans-Chlordane	ND		0.060		ug/L		10/09/23 08:09	10/11/23 14:41	1
Heptachlor	ND		0.0080		ug/L		10/09/23 08:09	10/11/23 14:41	1
Heptachlor epoxide	ND		0.040		ug/L		10/09/23 08:09	10/11/23 14:41	1
Methoxychlor	ND		0.040		ug/L		10/09/23 08:09	10/11/23 14:41	1
Toxaphene	ND		0.40		ug/L		10/09/23 08:09	10/11/23 14:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*66*		*49 - 132*	*10/09/23 08:09*	*10/11/23 14:41*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*10 - 142*	*10/09/23 08:09*	*10/11/23 14:41*	*1*

Lab Sample ID: LCS 570-371730/2-A
Matrix: Water
Analysis Batch: 372686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371730

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.200	0.1673		ug/L		84	27 - 162
4,4'-DDE	0.200	0.1402		ug/L		70	23 - 160
4,4'-DDT	0.200	0.1574		ug/L		79	11 - 173
Aldrin	0.200	0.1353		ug/L		68	31 - 135
alpha-BHC	0.200	0.1492		ug/L		75	28 - 147
cis-Chlordane	0.200	0.1492		ug/L		75	26 - 151
beta-BHC	0.200	0.1500		ug/L		75	26 - 151
delta-BHC	0.200	0.1207		ug/L		60	10 - 140
Dieldrin	0.200	0.1616		ug/L		81	24 - 157
Endosulfan I	0.200	0.1773		ug/L		89	26 - 150
Endosulfan II	0.200	0.1780		ug/L		89	27 - 160
Endosulfan sulfate	0.200	0.1595		ug/L		80	25 - 146
Endrin	0.200	0.1571		ug/L		79	24 - 170
Endrin aldehyde	0.200	ND		ug/L		54	23 - 153
Endrin ketone	0.200	0.1612		ug/L		81	32 - 154
gamma-BHC (Lindane)	0.200	0.1469		ug/L		73	28 - 151
trans-Chlordane	0.200	0.1586		ug/L		79	22 - 159

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-371730/2-A
Matrix: Water
Analysis Batch: 372686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371730

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Heptachlor	0.200	0.1468		ug/L		73	26 - 145
Heptachlor epoxide	0.200	0.1563		ug/L		78	26 - 157
Methoxychlor	0.200	0.1711		ug/L		86	31 - 155

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*85*		*49 - 132*
DCB Decachlorobiphenyl (Surr)	*93*		*10 - 142*

Lab Sample ID: LCSD 570-371730/3-A
Matrix: Water
Analysis Batch: 372686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 371730

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.200	0.1386		ug/L		69	27 - 162	19	30
4,4'-DDE	0.200	0.1291		ug/L		65	23 - 160	8	28
4,4'-DDT	0.200	0.1490		ug/L		75	11 - 173	5	40
Aldrin	0.200	0.1294		ug/L		65	31 - 135	4	26
alpha-BHC	0.200	0.1480		ug/L		74	28 - 147	1	26
cis-Chlordane	0.200	0.1459		ug/L		73	26 - 151	2	29
beta-BHC	0.200	0.1417		ug/L		71	26 - 151	6	26
delta-BHC	0.200	0.1182		ug/L		59	10 - 140	2	36
Dieldrin	0.200	0.1535		ug/L		77	24 - 157	5	27
Endosulfan I	0.200	0.1706		ug/L		85	26 - 150	4	25
Endosulfan II	0.200	0.1609		ug/L		80	27 - 160	10	27
Endosulfan sulfate	0.200	0.1510		ug/L		76	25 - 146	5	27
Endrin	0.200	0.1499		ug/L		75	24 - 170	5	40
Endrin aldehyde	0.200	ND		ug/L		66	23 - 153	20	25
Endrin ketone	0.200	0.1541		ug/L		77	32 - 154	5	27
gamma-BHC (Lindane)	0.200	0.1457		ug/L		73	28 - 151	1	26
trans-Chlordane	0.200	0.1512		ug/L		76	22 - 159	5	30
Heptachlor	0.200	0.1479		ug/L		74	26 - 145	1	26
Heptachlor epoxide	0.200	0.1522		ug/L		76	26 - 157	3	30
Methoxychlor	0.200	0.1550		ug/L		78	31 - 155	10	26

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*78*		*49 - 132*
DCB Decachlorobiphenyl (Surr)	*84*		*10 - 142*

Lab Sample ID: MB 570-371809/1-A
Matrix: Solid
Analysis Batch: 372674

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371809

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		10/09/23 10:53	10/11/23 13:28	1
4,4'-DDE	ND		5.0	ug/Kg		10/09/23 10:53	10/11/23 13:28	1
4,4'-DDT	ND		5.0	ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Aldrin	ND		5.0	ug/Kg		10/09/23 10:53	10/11/23 13:28	1
alpha-BHC	ND		5.0	ug/Kg		10/09/23 10:53	10/11/23 13:28	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 570-371809/1-A
Matrix: Solid
Analysis Batch: 372674

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371809

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
beta-BHC	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
delta-BHC	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Dieldrin	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Endosulfan I	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Endosulfan II	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Endosulfan sulfate	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Endrin	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Endrin aldehyde	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Endrin ketone	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
trans-Chlordane	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Heptachlor	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Heptachlor epoxide	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Methoxychlor	ND		5.0		ug/Kg		10/09/23 10:53	10/11/23 13:28	1
Toxaphene	ND		25		ug/Kg		10/09/23 10:53	10/11/23 13:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*69*		*38 - 148*	*10/09/23 10:53*	*10/11/23 13:28*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*37 - 151*	*10/09/23 10:53*	*10/11/23 13:28*	*1*

Lab Sample ID: LCS 570-371809/2-A
Matrix: Solid
Analysis Batch: 372674

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371809

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			25.0	23.37		ug/Kg		93	54 - 154		
4,4'-DDE			25.0	23.16		ug/Kg		93	51 - 149		
4,4'-DDT			25.0	22.94		ug/Kg		92	39 - 152		
Aldrin			25.0	22.85		ug/Kg		91	52 - 138		
alpha-BHC			25.0	23.48		ug/Kg		94	51 - 140		
cis-Chlordane			25.0	21.66		ug/Kg		87	53 - 141		
beta-BHC			25.0	21.22		ug/Kg		85	53 - 141		
delta-BHC			25.0	24.64		ug/Kg		99	20 - 132		
Dieldrin			25.0	20.70		ug/Kg		83	52 - 144		
Endosulfan I			25.0	21.20		ug/Kg		85	49 - 139		
Endosulfan II			25.0	20.01		ug/Kg		80	51 - 150		
Endosulfan sulfate			25.0	21.18		ug/Kg		85	45 - 139		
Endrin			25.0	19.36		ug/Kg		77	53 - 151		
Endrin aldehyde			25.0	14.46		ug/Kg		58	31 - 146		
Endrin ketone			25.0	18.89		ug/Kg		76	51 - 150		
gamma-BHC (Lindane)			25.0	20.59		ug/Kg		82	53 - 141		
trans-Chlordane			25.0	20.54		ug/Kg		82	46 - 156		
Heptachlor			25.0	19.08		ug/Kg		76	52 - 144		
Heptachlor epoxide			25.0	21.12		ug/Kg		84	54 - 141		
Methoxychlor			25.0	26.43		ug/Kg		106	47 - 148		

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-371809/2-A
Matrix: Solid
Analysis Batch: 372674

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371809

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*87*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*86*		*37 - 151*

Lab Sample ID: LCSD 570-371809/3-A
Matrix: Solid
Analysis Batch: 372674

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 371809

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			25.0	24.31		ug/Kg		97	54 - 154	4	30
4,4'-DDE			25.0	23.94		ug/Kg		96	51 - 149	3	28
4,4'-DDT			25.0	25.65		ug/Kg		103	39 - 152	11	31
Aldrin			25.0	23.66		ug/Kg		95	52 - 138	3	30
alpha-BHC			25.0	24.34		ug/Kg		97	51 - 140	4	29
cis-Chlordane			25.0	22.87		ug/Kg		91	53 - 141	5	28
beta-BHC			25.0	22.60		ug/Kg		90	53 - 141	6	29
delta-BHC			25.0	25.78		ug/Kg		103	20 - 132	5	40
Dieldrin			25.0	22.18		ug/Kg		89	52 - 144	7	28
Endosulfan I			25.0	22.22		ug/Kg		89	49 - 139	5	28
Endosulfan II			25.0	22.34		ug/Kg		89	51 - 150	11	29
Endosulfan sulfate			25.0	23.51		ug/Kg		94	45 - 139	10	30
Endrin			25.0	21.29		ug/Kg		85	53 - 151	10	29
Endrin aldehyde			25.0	15.51		ug/Kg		62	31 - 146	7	40
Endrin ketone			25.0	20.55		ug/Kg		82	51 - 150	8	30
gamma-BHC (Lindane)			25.0	22.04		ug/Kg		88	53 - 141	7	29
trans-Chlordane			25.0	21.88		ug/Kg		88	46 - 156	6	39
Heptachlor			25.0	20.57		ug/Kg		82	52 - 144	8	29
Heptachlor epoxide			25.0	22.16		ug/Kg		89	54 - 141	5	29
Methoxychlor			25.0	27.85		ug/Kg		111	47 - 148	5	29

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*88*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*90*		*37 - 151*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-371369/1-A
Matrix: Solid
Analysis Batch: 371638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371369

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		10/06/23 16:50	10/08/23 19:07	1
PCB-1221	ND		50		ug/Kg		10/06/23 16:50	10/08/23 19:07	1
PCB-1232	ND		50		ug/Kg		10/06/23 16:50	10/08/23 19:07	1
PCB-1242	ND		50		ug/Kg		10/06/23 16:50	10/08/23 19:07	1
PCB-1248	ND		50		ug/Kg		10/06/23 16:50	10/08/23 19:07	1
PCB-1254	ND		50		ug/Kg		10/06/23 16:50	10/08/23 19:07	1
PCB-1260	ND		50		ug/Kg		10/06/23 16:50	10/08/23 19:07	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 570-371369/1-A
Matrix: Solid
Analysis Batch: 371638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 371369

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	30		20 - 120	10/06/23 16:50	10/08/23 19:07	1
Tetrachloro-m-xylene (Surr)	35		25 - 120	10/06/23 16:50	10/08/23 19:07	1

Lab Sample ID: LCS 570-371369/2-A
Matrix: Solid
Analysis Batch: 371638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 371369

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			100	57.01		ug/Kg		57	53 - 133		
PCB-1260			100	52.87		ug/Kg		53	39 - 140		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	31		20 - 120
Tetrachloro-m-xylene (Surr)	38		25 - 120

Lab Sample ID: LCSD 570-371369/3-A
Matrix: Solid
Analysis Batch: 371638

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 371369

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			100	57.96		ug/Kg		58	53 - 133	2	32
PCB-1260			100	56.31		ug/Kg		56	39 - 140	6	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	30		20 - 120
Tetrachloro-m-xylene (Surr)	34		25 - 120

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-372221/1-A ^5
Matrix: Solid
Analysis Batch: 372437

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372221

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.98		mg/Kg		10/10/23 11:05	10/10/23 17:42	5

Lab Sample ID: LCS 570-372221/2-A ^5
Matrix: Solid
Analysis Batch: 372437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372221

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			49.5	47.26		mg/Kg		95	80 - 120		

Lab Sample ID: LCSD 570-372221/3-A ^5
Matrix: Solid
Analysis Batch: 372437

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 372221

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			49.8	46.84		mg/Kg		94	80 - 120	1	20

Method: 6010B - Metals (ICP)

Lab Sample ID: 570-155657-1 MS
Matrix: Solid
Analysis Batch: 372437

Client Sample ID: B-28 @ 0.5'
Prep Type: Total/NA
Prep Batch: 372221

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	15.1		49.3	56.63		mg/Kg		84	75 - 125

Lab Sample ID: 570-155657-1 MSD
Matrix: Solid
Analysis Batch: 372437

Client Sample ID: B-28 @ 0.5'
Prep Type: Total/NA
Prep Batch: 372221

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	15.1		49.3	56.98		mg/Kg		85	75 - 125	1	20

Lab Sample ID: MB 570-372509/1-A ^5
Matrix: Solid
Analysis Batch: 372786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372509

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.99	mg/Kg		10/11/23 07:21	10/11/23 15:47	5

Lab Sample ID: LCS 570-372509/2-A ^5
Matrix: Solid
Analysis Batch: 372786

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	47.93		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 570-372509/3-A ^5
Matrix: Solid
Analysis Batch: 372786

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 372509

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	49.8	47.06		mg/Kg		95	80 - 120	2	20

Lab Sample ID: MB 570-372176/1-A
Matrix: Water
Analysis Batch: 372383

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 372176

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	mg/L		10/10/23 09:36	10/10/23 15:45	1
Lead	ND		0.0500	mg/L		10/10/23 09:36	10/10/23 15:45	1

Lab Sample ID: LCS 570-372176/2-A
Matrix: Water
Analysis Batch: 372383

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 372176

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.500	0.5103		mg/L		102	80 - 120
Lead	0.500	0.5197		mg/L		104	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-372176/3-A
Matrix: Water
Analysis Batch: 372383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 372176

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.500	0.5087		mg/L		102	80 - 120	0	20
Lead			0.500	0.5154		mg/L		103	80 - 120	1	20

GC Semi VOA

Prep Batch: 371369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-1	B-28 @ 0.5'	Total/NA	Solid	3546	
570-155657-3	B-29 @ 0.5'	Total/NA	Solid	3546	
570-155657-5	B-30 @ 0.5'	Total/NA	Solid	3546	
570-155657-7	B-31 @ 0.5'	Total/NA	Solid	3546	
570-155657-9	B-32 @ 0.5'	Total/NA	Solid	3546	
570-155657-25	B-40 @ 0.5'	Total/NA	Solid	3546	
570-155657-27	B-41 @ 0.5'	Total/NA	Solid	3546	
MB 570-371369/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-371369/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-371369/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 371638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-1	B-28 @ 0.5'	Total/NA	Solid	8082	371369
570-155657-3	B-29 @ 0.5'	Total/NA	Solid	8082	371369
570-155657-5	B-30 @ 0.5'	Total/NA	Solid	8082	371369
570-155657-7	B-31 @ 0.5'	Total/NA	Solid	8082	371369
570-155657-9	B-32 @ 0.5'	Total/NA	Solid	8082	371369
570-155657-25	B-40 @ 0.5'	Total/NA	Solid	8082	371369
570-155657-27	B-41 @ 0.5'	Total/NA	Solid	8082	371369
MB 570-371369/1-A	Method Blank	Total/NA	Solid	8082	371369
LCS 570-371369/2-A	Lab Control Sample	Total/NA	Solid	8082	371369
LCSD 570-371369/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	371369

Prep Batch: 371730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-33	EB 10.05.23	Total/NA	Water	3510C	
MB 570-371730/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-371730/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-371730/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 371809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-34	B-28, B-29, B30 @ 0.5' Composite	Total/NA	Solid	3546	
570-155657-35	B-28, B-29, B30 @ 2.5' Composite	Total/NA	Solid	3546	
570-155657-36	B-31, B-32, B33 @ 0.5' Composite	Total/NA	Solid	3546	
570-155657-37	B-31, B-32, B33 @ 2.5' Composite	Total/NA	Solid	3546	
570-155657-38	B-34, B-35, B36 @ 0.5' Composite	Total/NA	Solid	3546	
570-155657-39	B-34, B-35, B36 @ 2.5' Composite	Total/NA	Solid	3546	
570-155657-40	B-37, B-38, B39 @ 0.5' Composite	Total/NA	Solid	3546	
570-155657-41	B-37, B-38, B39 @ 2.5' Composite	Total/NA	Solid	3546	
570-155657-42	B-40, B-41, B42 @ 0.5' Composite	Total/NA	Solid	3546	
570-155657-43	B-40, B-41, B42 @ 2.5' Composite	Total/NA	Solid	3546	
MB 570-371809/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-371809/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-371809/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 372547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-33	EB 10.05.23	Total/NA	Water	8082	371730

GC Semi VOA

Analysis Batch: 372674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-34	B-28, B-29, B30 @ 0.5' Composite	Total/NA	Solid	8081A	371809
570-155657-35	B-28, B-29, B30 @ 2.5' Composite	Total/NA	Solid	8081A	371809
570-155657-36	B-31, B-32, B33 @ 0.5' Composite	Total/NA	Solid	8081A	371809
570-155657-37	B-31, B-32, B33 @ 2.5' Composite	Total/NA	Solid	8081A	371809
570-155657-38	B-34, B-35, B36 @ 0.5' Composite	Total/NA	Solid	8081A	371809
570-155657-39	B-34, B-35, B36 @ 2.5' Composite	Total/NA	Solid	8081A	371809
570-155657-40	B-37, B-38, B39 @ 0.5' Composite	Total/NA	Solid	8081A	371809
570-155657-41	B-37, B-38, B39 @ 2.5' Composite	Total/NA	Solid	8081A	371809
570-155657-42	B-40, B-41, B42 @ 0.5' Composite	Total/NA	Solid	8081A	371809
570-155657-43	B-40, B-41, B42 @ 2.5' Composite	Total/NA	Solid	8081A	371809
MB 570-371809/1-A	Method Blank	Total/NA	Solid	8081A	371809
LCS 570-371809/2-A	Lab Control Sample	Total/NA	Solid	8081A	371809
LCSD 570-371809/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	371809

Analysis Batch: 372686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-33	EB 10.05.23	Total/NA	Water	8081A	371730
MB 570-371730/1-A	Method Blank	Total/NA	Water	8081A	371730
LCS 570-371730/2-A	Lab Control Sample	Total/NA	Water	8081A	371730
LCSD 570-371730/3-A	Lab Control Sample Dup	Total/NA	Water	8081A	371730

Metals

Prep Batch: 372176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-33	EB 10.05.23	Total Recoverable	Water	3005A	
MB 570-372176/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-372176/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-372176/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 372221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-1	B-28 @ 0.5'	Total/NA	Solid	3050B	
570-155657-3	B-29 @ 0.5'	Total/NA	Solid	3050B	
570-155657-5	B-30 @ 0.5'	Total/NA	Solid	3050B	
570-155657-7	B-31 @ 0.5'	Total/NA	Solid	3050B	
570-155657-9	B-32 @ 0.5'	Total/NA	Solid	3050B	
570-155657-15	B-35 @ 0.5'	Total/NA	Solid	3050B	
570-155657-17	B-36 @ 0.5'	Total/NA	Solid	3050B	
570-155657-19	B-37 @ 0.5'	Total/NA	Solid	3050B	
570-155657-21	B-38 @ 0.5'	Total/NA	Solid	3050B	
570-155657-23	B-39 @ 0.5'	Total/NA	Solid	3050B	
570-155657-25	B-40 @ 0.5'	Total/NA	Solid	3050B	
570-155657-27	B-41 @ 0.5'	Total/NA	Solid	3050B	
570-155657-29	B-42 @ 0.5'	Total/NA	Solid	3050B	
570-155657-31	B-43 @ 0.5'	Total/NA	Solid	3050B	
MB 570-372221/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-372221/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-372221/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-155657-1 MS	B-28 @ 0.5'	Total/NA	Solid	3050B	
570-155657-1 MSD	B-28 @ 0.5'	Total/NA	Solid	3050B	

Metals

Analysis Batch: 372383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-33	EB 10.05.23	Total Recoverable	Water	6010B	372176
MB 570-372176/1-A	Method Blank	Total Recoverable	Water	6010B	372176
LCS 570-372176/2-A	Lab Control Sample	Total Recoverable	Water	6010B	372176
LCSD 570-372176/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	372176

Analysis Batch: 372437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-1	B-28 @ 0.5'	Total/NA	Solid	6010B	372221
MB 570-372221/1-A ^5	Method Blank	Total/NA	Solid	6010B	372221
LCS 570-372221/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	372221
LCSD 570-372221/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	372221
570-155657-1 MS	B-28 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-1 MSD	B-28 @ 0.5'	Total/NA	Solid	6010B	372221

Analysis Batch: 372451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-3	B-29 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-5	B-30 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-7	B-31 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-9	B-32 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-15	B-35 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-17	B-36 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-19	B-37 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-21	B-38 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-23	B-39 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-25	B-40 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-27	B-41 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-29	B-42 @ 0.5'	Total/NA	Solid	6010B	372221
570-155657-31	B-43 @ 0.5'	Total/NA	Solid	6010B	372221

Prep Batch: 372509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-11	B-33 @ 0.5'	Total/NA	Solid	3050B	
570-155657-13	B-34 @ 0.5'	Total/NA	Solid	3050B	
MB 570-372509/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-372509/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-372509/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 372786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-11	B-33 @ 0.5'	Total/NA	Solid	6010B	372509
570-155657-13	B-34 @ 0.5'	Total/NA	Solid	6010B	372509
MB 570-372509/1-A ^5	Method Blank	Total/NA	Solid	6010B	372509
LCS 570-372509/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	372509
LCSD 570-372509/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	372509

Organic Prep

Analysis Batch: 371926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-2	B-28 @ 2.5'	Total/NA	Solid	Composite	

Organic Prep (Continued)

Analysis Batch: 371926 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-4	B-29 @ 2.5'	Total/NA	Solid	Composite	
570-155657-6	B-30 @ 2.5'	Total/NA	Solid	Composite	
570-155657-8	B-31 @ 2.5'	Total/NA	Solid	Composite	
570-155657-10	B-32 @ 2.5'	Total/NA	Solid	Composite	
570-155657-12	B-33 @ 2.5'	Total/NA	Solid	Composite	
570-155657-13	B-34 @ 0.5'	Total/NA	Solid	Composite	
570-155657-14	B-34 @ 2.5'	Total/NA	Solid	Composite	
570-155657-15	B-35 @ 0.5'	Total/NA	Solid	Composite	
570-155657-16	B-35 @ 2.5'	Total/NA	Solid	Composite	
570-155657-17	B-36 @ 0.5'	Total/NA	Solid	Composite	
570-155657-18	B-36 @ 2.5'	Total/NA	Solid	Composite	
570-155657-19	B-37 @ 0.5'	Total/NA	Solid	Composite	
570-155657-20	B-37 @ 2.5'	Total/NA	Solid	Composite	
570-155657-21	B-38 @ 0.5'	Total/NA	Solid	Composite	
570-155657-22	B-38 @ 2.5'	Total/NA	Solid	Composite	
570-155657-23	B-39 @ 0.5'	Total/NA	Solid	Composite	
570-155657-24	B-39 @ 2.5'	Total/NA	Solid	Composite	
570-155657-26	B-40 @ 2.5'	Total/NA	Solid	Composite	
570-155657-28	B-41 @ 2.5'	Total/NA	Solid	Composite	
570-155657-30	B-42 @ 2.5'	Total/NA	Solid	Composite	
570-155657-32	B-43 @ 2.5'	Total/NA	Solid	Composite	

Analysis Batch: 372017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-1	B-28 @ 0.5'	Total/NA	Solid	Composite	
570-155657-3	B-29 @ 0.5'	Total/NA	Solid	Composite	
570-155657-5	B-30 @ 0.5'	Total/NA	Solid	Composite	

Analysis Batch: 372212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-25	B-40 @ 0.5'	Total/NA	Solid	Composite	
570-155657-27	B-41 @ 0.5'	Total/NA	Solid	Composite	
570-155657-29	B-42 @ 0.5'	Total/NA	Solid	Composite	
570-155657-31	B-43 @ 0.5'	Total/NA	Solid	Composite	

Analysis Batch: 372377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155657-7	B-31 @ 0.5'	Total/NA	Solid	Composite	
570-155657-9	B-32 @ 0.5'	Total/NA	Solid	Composite	
570-155657-11	B-33 @ 0.5'	Total/NA	Solid	Composite	

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-28 @ 0.5'
Date Collected: 10/05/23 09:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.66 g	10 mL	371369	10/06/23 16:50	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371638	10/09/23 00:09	OM8W	EET CAL 4
	Instrument ID: GC58									
Total/NA	Prep	3050B			2.01 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372437	10/10/23 17:51	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			372017	10/09/23 18:18	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-28 @ 2.5'
Date Collected: 10/05/23 09:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-29 @ 0.5'
Date Collected: 10/05/23 09:35
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.11 g	10 mL	371369	10/06/23 16:50	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371638	10/09/23 00:28	OM8W	EET CAL 4
	Instrument ID: GC58									
Total/NA	Prep	3050B			2.01 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 18:53	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			372017	10/09/23 18:18	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-29 @ 2.5'
Date Collected: 10/05/23 09:35
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-30 @ 0.5'
Date Collected: 10/05/23 09:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.02 g	10 mL	371369	10/06/23 16:50	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371638	10/09/23 00:47	OM8W	EET CAL 4
	Instrument ID: GC58									
Total/NA	Prep	3050B			1.99 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 18:56	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			372017	10/09/23 18:18	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-30 @ 2.5'
Date Collected: 10/05/23 09:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-31 @ 0.5'
Date Collected: 10/05/23 09:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.73 g	10 mL	371369	10/06/23 16:50	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371638	10/09/23 01:06	OM8W	EET CAL 4
	Instrument ID: GC58									
Total/NA	Prep	3050B			2.01 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 18:58	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			372377	10/10/23 16:00	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-31 @ 2.5'
Date Collected: 10/05/23 09:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-32 @ 0.5'
Date Collected: 10/05/23 09:20
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.52 g	10 mL	371369	10/06/23 16:50	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371638	10/09/23 01:25	OM8W	EET CAL 4
	Instrument ID: GC58									
Total/NA	Prep	3050B			2.02 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 19:00	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			372377	10/10/23 16:00	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-32 @ 2.5'
Date Collected: 10/05/23 09:20
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-33 @ 0.5'
Date Collected: 10/05/23 09:15
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	372509	10/11/23 07:21	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372786	10/11/23 16:08	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			372377	10/10/23 16:00	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-33 @ 2.5'
Date Collected: 10/05/23 09:15
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-34 @ 0.5'
Date Collected: 10/05/23 09:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	372509	10/11/23 11:22	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372786	10/11/23 16:10	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-34 @ 2.5'
Date Collected: 10/05/23 09:00
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-35 @ 0.5'
Date Collected: 10/05/23 08:55
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.96 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 19:03	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-35 @ 2.5'
Date Collected: 10/05/23 08:55
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-36 @ 0.5'
Date Collected: 10/05/23 08:50
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 19:05	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-36 @ 2.5'
Date Collected: 10/05/23 08:50
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-37 @ 0.5'
Date Collected: 10/05/23 08:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 19:08	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-37 @ 2.5'
Date Collected: 10/05/23 08:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:51	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-38 @ 0.5'
Date Collected: 10/05/23 08:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 19:10	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-38 @ 2.5'
Date Collected: 10/05/23 08:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:51	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-39 @ 0.5'
Date Collected: 10/05/23 08:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 19:12	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-39 @ 2.5'
Date Collected: 10/05/23 08:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:51	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-40 @ 0.5'
Date Collected: 10/05/23 07:27
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.07 g	10 mL	371369	10/06/23 16:50	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371638	10/09/23 01:44	OM8W	EET CAL 4
	Instrument ID: GC58									
Total/NA	Prep	3050B			1.97 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 19:15	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			372212	10/10/23 10:44	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-40 @ 2.5'
Date Collected: 10/05/23 07:27
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:51	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-41 @ 0.5'
Date Collected: 10/05/23 07:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.05 g	10 mL	371369	10/06/23 16:50	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	371638	10/09/23 02:03	OM8W	EET CAL 4
	Instrument ID: GC58									
Total/NA	Prep	3050B			1.99 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 19:22	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			372212	10/10/23 10:44	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-41 @ 2.5'
Date Collected: 10/05/23 07:25
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:51	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-42 @ 0.5'
Date Collected: 10/05/23 07:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 19:24	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			372212	10/10/23 10:44	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-42 @ 2.5'
Date Collected: 10/05/23 07:30
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:51	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-43 @ 0.5'
Date Collected: 10/05/23 07:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.96 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			372451	10/10/23 19:27	P1R	EET CAL 4
	Instrument ID: ICP10									
Total/NA	Analysis	Composite		1			372212	10/10/23 10:44	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: B-43 @ 2.5'
Date Collected: 10/05/23 07:40
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:51	KZX6	EET CAL 4
	Instrument ID: NOEQUIP									

Client Sample ID: EB 10.05.23
Date Collected: 10/05/23 10:15
Date Received: 10/06/23 09:30

Lab Sample ID: 570-155657-33
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			228.8 mL	1 mL	371730	10/10/23 08:09	OAJ3	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372686	10/11/23 16:43	N5Y3	EET CAL 4
	Instrument ID: GC54A									
Total/NA	Prep	3510C			228.8 mL	1 mL	371730	10/10/23 08:09	OAJ3	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	372547	10/11/23 13:26	OM8W	EET CAL 4
	Instrument ID: GC58									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: EB 10.05.23
Lab Sample ID: 570-155657-33
Date Collected: 10/05/23 10:15
Matrix: Water
Date Received: 10/06/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	372176	10/10/23 09:36	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			372383	10/10/23 15:52	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B-28, B-29, B30 @ 0.5' Composite
Lab Sample ID: 570-155657-34
Date Collected: 10/05/23 10:15
Matrix: Solid
Date Received: 10/06/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.11 g	10 mL	371809	10/09/23 10:54	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372674	10/11/23 14:53	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-28, B-29, B30 @ 2.5' Composite
Lab Sample ID: 570-155657-35
Date Collected: 10/05/23 00:00
Matrix: Solid
Date Received: 10/06/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.10 g	10 mL	371809	10/09/23 10:54	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372674	10/11/23 15:08	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-31, B-32, B33 @ 0.5' Composite
Lab Sample ID: 570-155657-36
Date Collected: 10/05/23 00:00
Matrix: Solid
Date Received: 10/06/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.24 g	10 mL	371809	10/09/23 10:54	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372674	10/11/23 15:22	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-31, B-32, B33 @ 2.5' Composite
Lab Sample ID: 570-155657-37
Date Collected: 10/05/23 00:00
Matrix: Solid
Date Received: 10/06/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.05 g	10 mL	371809	10/09/23 10:54	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372674	10/11/23 15:36	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-34, B-35, B36 @ 0.5' Composite
Lab Sample ID: 570-155657-38
Date Collected: 10/05/23 00:00
Matrix: Solid
Date Received: 10/06/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.00 g	10 mL	371809	10/09/23 10:54	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372674	10/11/23 15:50	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-34, B-35, B36 @ 2.5' Composite
Lab Sample ID: 570-155657-39
Date Collected: 10/05/23 00:00
Matrix: Solid
Date Received: 10/06/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.05 g	10 mL	371809	10/09/23 10:54	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372674	10/11/23 16:05	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-37, B-38, B39 @ 0.5' Composite
Lab Sample ID: 570-155657-40
Date Collected: 10/05/23 00:00
Matrix: Solid
Date Received: 10/06/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.15 g	10 mL	371809	10/09/23 10:54	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372674	10/11/23 16:19	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-37, B-38, B39 @ 2.5' Composite
Lab Sample ID: 570-155657-41
Date Collected: 10/05/23 00:00
Matrix: Solid
Date Received: 10/06/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.05 g	10 mL	371809	10/09/23 10:54	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372674	10/11/23 16:33	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B-40, B-41, B42 @ 0.5' Composite
Lab Sample ID: 570-155657-42
Date Collected: 10/05/23 00:00
Matrix: Solid
Date Received: 10/06/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.94 g	10 mL	371809	10/09/23 10:54	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372674	10/11/23 16:47	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Client Sample ID: B-40, B-41, B42 @ 2.5' Composite

Lab Sample ID: 570-155657-43

Date Collected: 10/05/23 00:00

Matrix: Solid

Date Received: 10/06/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.70 g	10 mL	371809	10/09/23 10:54	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	372674	10/11/23 17:01	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0830	11-16-23
California	SCAQMD LAP	17LA0919	11-30-23
California	State	3082	07-31-24
Nevada	State	CA00111	07-31-24
Oregon	NELAP	4175	02-02-24
USDA	US Federal Programs	P330-22-00059	06-08-26
Washington	State	C916-18	10-11-23

Method Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	EET CAL 4
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
Composite	Sample Compositing	None	EET CAL 4
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CAL 4
3050B	Preparation, Metals	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155657-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-155657-1	B-28 @ 0.5'	Solid	10/05/23 09:40	10/06/23 09:30
570-155657-2	B-28 @ 2.5'	Solid	10/05/23 09:40	10/06/23 09:30
570-155657-3	B-29 @ 0.5'	Solid	10/05/23 09:35	10/06/23 09:30
570-155657-4	B-29 @ 2.5'	Solid	10/05/23 09:35	10/06/23 09:30
570-155657-5	B-30 @ 0.5'	Solid	10/05/23 09:30	10/06/23 09:30
570-155657-6	B-30 @ 2.5'	Solid	10/05/23 09:30	10/06/23 09:30
570-155657-7	B-31 @ 0.5'	Solid	10/05/23 09:25	10/06/23 09:30
570-155657-8	B-31 @ 2.5'	Solid	10/05/23 09:25	10/06/23 09:30
570-155657-9	B-32 @ 0.5'	Solid	10/05/23 09:20	10/06/23 09:30
570-155657-10	B-32 @ 2.5'	Solid	10/05/23 09:20	10/06/23 09:30
570-155657-11	B-33 @ 0.5'	Solid	10/05/23 09:15	10/06/23 09:30
570-155657-12	B-33 @ 2.5'	Solid	10/05/23 09:15	10/06/23 09:30
570-155657-13	B-34 @ 0.5'	Solid	10/05/23 09:00	10/06/23 09:30
570-155657-14	B-34 @ 2.5'	Solid	10/05/23 09:00	10/06/23 09:30
570-155657-15	B-35 @ 0.5'	Solid	10/05/23 08:55	10/06/23 09:30
570-155657-16	B-35 @ 2.5'	Solid	10/05/23 08:55	10/06/23 09:30
570-155657-17	B-36 @ 0.5'	Solid	10/05/23 08:50	10/06/23 09:30
570-155657-18	B-36 @ 2.5'	Solid	10/05/23 08:50	10/06/23 09:30
570-155657-19	B-37 @ 0.5'	Solid	10/05/23 08:40	10/06/23 09:30
570-155657-20	B-37 @ 2.5'	Solid	10/05/23 08:40	10/06/23 09:30
570-155657-21	B-38 @ 0.5'	Solid	10/05/23 08:30	10/06/23 09:30
570-155657-22	B-38 @ 2.5'	Solid	10/05/23 08:30	10/06/23 09:30
570-155657-23	B-39 @ 0.5'	Solid	10/05/23 08:25	10/06/23 09:30
570-155657-24	B-39 @ 2.5'	Solid	10/05/23 08:25	10/06/23 09:30
570-155657-25	B-40 @ 0.5'	Solid	10/05/23 07:27	10/06/23 09:30
570-155657-26	B-40 @ 2.5'	Solid	10/05/23 07:27	10/06/23 09:30
570-155657-27	B-41 @ 0.5'	Solid	10/05/23 07:25	10/06/23 09:30
570-155657-28	B-41 @ 2.5'	Solid	10/05/23 07:25	10/06/23 09:30
570-155657-29	B-42 @ 0.5'	Solid	10/05/23 07:30	10/06/23 09:30
570-155657-30	B-42 @ 2.5'	Solid	10/05/23 07:30	10/06/23 09:30
570-155657-31	B-43 @ 0.5'	Solid	10/05/23 07:40	10/06/23 09:30
570-155657-32	B-43 @ 2.5'	Solid	10/05/23 07:40	10/06/23 09:30
570-155657-33	EB 10.05.23	Water	10/05/23 10:15	10/06/23 09:30
570-155657-34	B-28, B-29, B30 @ 0.5' Composite	Solid	10/05/23 10:15	10/06/23 09:30
570-155657-35	B-28, B-29, B30 @ 2.5' Composite	Solid	10/05/23 00:00	10/06/23 09:30
570-155657-36	B-31, B-32, B33 @ 0.5' Composite	Solid	10/05/23 00:00	10/06/23 09:30
570-155657-37	B-31, B-32, B33 @ 2.5' Composite	Solid	10/05/23 00:00	10/06/23 09:30
570-155657-38	B-34, B-35, B36 @ 0.5' Composite	Solid	10/05/23 00:00	10/06/23 09:30
570-155657-39	B-34, B-35, B36 @ 2.5' Composite	Solid	10/05/23 00:00	10/06/23 09:30
570-155657-40	B-37, B-38, B39 @ 0.5' Composite	Solid	10/05/23 00:00	10/06/23 09:30
570-155657-41	B-37, B-38, B39 @ 2.5' Composite	Solid	10/05/23 00:00	10/06/23 09:30
570-155657-42	B-40, B-41, B42 @ 0.5' Composite	Solid	10/05/23 00:00	10/06/23 09:30
570-155657-43	B-40, B-41, B42 @ 2.5' Composite	Solid	10/05/23 00:00	10/06/23 09:30

155657
NRSB

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered S	Perform MS/MS	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
	[redacted]	10/5		[redacted]	~~Solid~~			[redacted]					C = Composite Sample
1	B-28 @ 0.5'		9:40	G	Solid			C	X		X		D = Discrete Sample; - Sample will be archived for possible future analysis
2	B-28@ 2.5'		9:45	G	Solid			C					DUP = Duplicate
3	B-29 @ 0.5'		9:35	G	Solid			C	X		X		EB = Equipment Blank
4	B-29 @ 2.5'		9:35	G	Solid			C					
5	B-30 @ 0.5'		9:30	G	Solid			C	X		X		
6	B-30 @ 2.5'		9:30	G	Solid			C					
7	B-31 @ 0.5'		9:25	G	Solid			C	X		X		
8	B-31 @ 2.5'		9:25	G	Solid			C					
9	B-32 @ 0.5'		9:20	G	Solid			C	X		X		
10	B-32 @ 2.5'		9:20	G	Solid			C					

570-155657 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/5 1042	PLACEWORKS	[signature]	10/5/23 1042	EETSM
2	[signature]	10.5.23 1630	EETCA	[signature]	10/6/23 0930	
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.9/1.8, 2.9/2.8 SCR

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of Containers	Special Instructions/Note:
				Preservation Code:							
11	B-38 @ 2.5'	10/5	8:30	G	Solid	C					C = Composite Sample
12	B-39 @ 0.5'		8:25	G	Solid	C			X		D = Discrete Sample; - Sample will be archived for possible future analysis
13	B-39 @ 2.5'		8:25	G	Solid	C					DUP = Duplicate
14	B-40 @ 0.5'		7:27	G	Solid	C	X		X		EB = Equipment Blank
15	B-40 @ 2.5'		7:27	G	Solid	C					
16	B-41 @ 0.5'		7:25	G	Solid	C	X		X		
17	B-41 @ 2.5'		7:25	G	Solid	C					
18	B-42 @ 0.5'		7:30	G	Solid	C			X		
19	B-42 @ 2.5'		7:30	G	Solid	C					
20	B-43 @ 0.5'		7:40	G	Solid	C			X		
21	B-43 @ 2.5'		7:40	G	Solid	C					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/5 10:42	PLACEWORKS	[signature]	10/5/23 1042	EET SAC
2	[signature]	10.5.23 1630	EETCA	[signature]	10/6/23 ~~1650~~ 0930	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
22	B-33 @ 0.5'	10/5	9:15	G	Solid			C			X		C = Composite Sample
23	B-33 @ 2.5'		9:15	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
24	B-34 @ 0.5'		9:00	G	Solid			C			X		DUP = Duplicate
25	B-34 @ 2.5'		9:00	G	Solid			C					EB = Equipment Blank
26	B-35 @ 0.5'		8:55	G	Solid			C			X		
27	B-35 @ 2.5'		8:55	G	Solid			C					
28	B-36 @ 0.5'		8:50	G	Solid			C			X		
29	B-36 @ 2.5'		8:50	G	Solid			C					
30	B-37 @ 0.5'		8:40	G	Solid			C			X		
31	B-37 @ 2.5'		8:40	G	Solid			C					
32	B-38 @ 0.5'	V	8:30	G	Solid			C			X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/5 10:42	PLACEWORKS	[signature]	10/5/23 1042	[illegible]
2	[signature]	10-5-23 1630	EETCA	[signature]	10/6/23 0930	
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: MILES BARKER	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone:	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page: Page 1 of 5
Company: PlaceWorks, Inc.	PWSID:			Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: ~~SC[illegible]~~ SCCS-650			
Email: mwatson@placeworks.com	WO #:			
Project Name: ~~SC[illegible]~~ SCCS-056.0	Project #: ~~570[illegible]~~			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	6010B_(MOD)_Priority	EPA 6010B	EPA 6010B ARSENIC	EPA 6010B LEAD	Total Number of containers	Special Instructions/Note:
			Preservation Code:			A					
33 EB 10.05.23	10/5	10:15		~~Solid~~		X	XX	X			EB = EQUIPMENT
~~34~~ EB 10.05.23	10/5	10:15		~~Solid~~		X	X	X			BLANK
				~~Solid~~							
				~~Solid~~							
				~~Solid~~							
				~~Solid~~							
				~~Solid~~							
				~~Solid~~							
				~~Solid~~							
				~~Solid~~							
				~~Solid~~							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

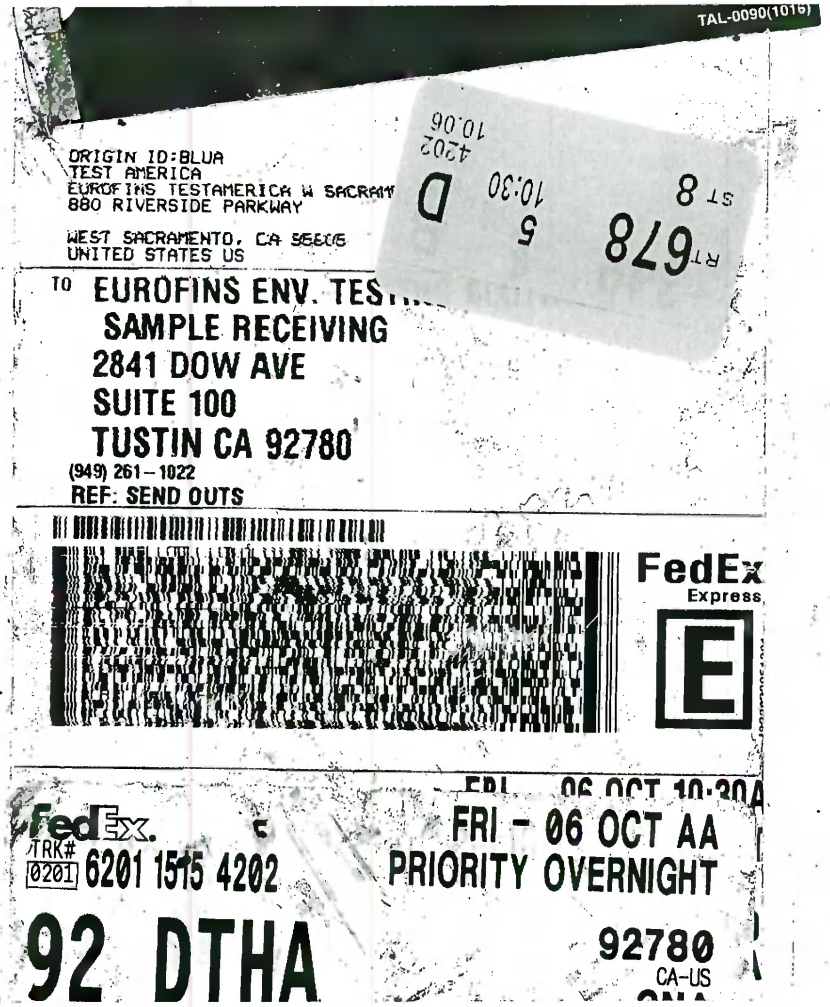
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/5 10:42			10/6/23 1042	EGT SAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10-5-23 1630	EETCA			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		PLACEWORKS		10/6/23 0930	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

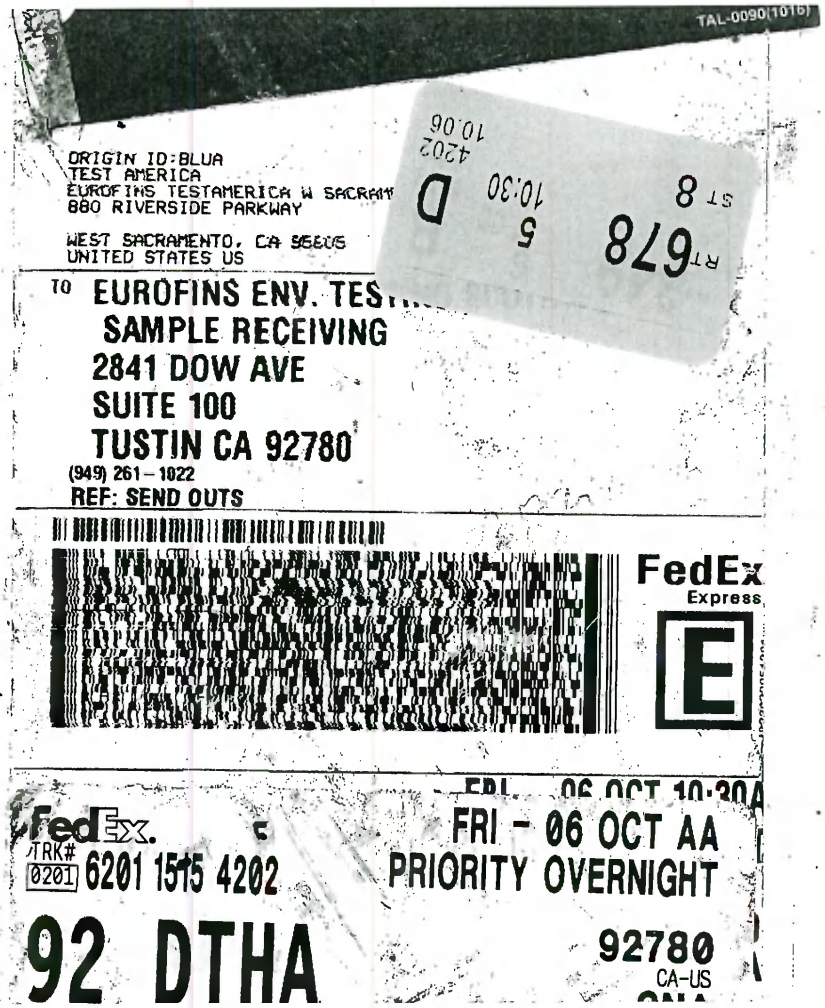
TABLE 1
SOIL SAMPLING AND ANALYSIS PROGRAM
Oak Ridge Elementary School Rebuild Project
Sacramento City Unified School District
Sacramento, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A Organochlorine Pesticides	EPA 8082 Polychlorinated Biphenyls	EPA 6010B Arsenic	EPA 6010B Lead
A-1, A-6	0' - 0.5'	Former Agriculture	C		2D (A-1, A-6)	2D (A-1, A-6)
	2.5' - 3.0'		-		-	-
A-1 DUP, A-6 DUP	0' - 0.5'	Duplicate	C DUP		D DUP (A-1 DUP)	2D DUP (A-1 DUP, A-6 DUP)
	2.5' - 3.0'		-		-	-
A-2, A-3	0' - 0.5'	Former Agriculture	C		2D (A-2, A-3)	2D (A-2, A-3)
	2.5' - 3.0'		-		-	-
A-4, A-5	0' - 0.5'	Former Agriculture	C		2D (A-4, A-5)	2D (A-4, A-5)
	2.5' - 3.0'		-		-	-
A-7, A-8	0' - 0.5'	Former Agriculture	C		2D (A-7, A-8)	2D (A-7, A-8)
	2.5' - 3.0'		-		-	-
B-1, B-2, B-3	0' - 0.5'	Existing Building	C	3D (B-1, B-2, B-3)		3D (B-1, B-2, B-3)
	2.5' - 3.0'	Predating 1978	C	-		-
B-4, B-5, B-6	0' - 0.5'	Existing Building	C	3D (B-4, B-5, B-6)		3D (B-4, B-5, B-6)
	2.5' - 3.0'	Predating 1978	C			-
B-7, B-8	0' - 0.5'	Existing Building	C	2D (B-7, B-8)		2D (B-7, B-8)
	2.5' - 3.0'	Predating 1978	C	-		-
B-7 DUP, B-8 DUP	0' - 0.5'	Duplicate	C DUP	2D DUP (B-7 DUP, B-8 DUP)		2D DUP (B-7 DUP, B-8 DUP)
	2.5' - 3.0'		C DUP	-		-
B-9, B-10	0' - 0.5'	Existing Building	C	2D (B-9, B-10)		2D (B-9, B-10)
	2.5' - 3.0'	Predating 1978	C	-		-
B-9 DUP, B-10 DUP	0' - 0.5'	Duplicate	C DUP			2D DUP (B-9 DUP, B-10 DUP)
	2.5' - 3.0'		C DUP			-
B-11, B-12, B-13	0' - 0.5'	Existing Building	C	3D (B-11, B-12, B-13)		3D (B-11, B-12, B-13)
	2.5' - 3.0'	Predating 1978	C	-		-
B-14, B-15	0' - 0.5'	Existing Building	C	2D (B-14, B-15)		2D (B-14, B-15)
	2.5' - 3.0'	Predating 1978	C	-		-
B-16, B-17, B-18	0' - 0.5'	Existing Building	C	3D (B-16, B-17, B-18)		3D (B-16, B-17, B-18)
	2.5' - 3.0'	Predating 1978	C	-		-
B-19, B-20, B-21	0' - 0.5'	Existing Building	C	D (B-19)		3D (B-19, B-20, B-21)
	2.5' - 3.0'	Predating 1978	C	-		-
B-22, B-23, B-24	0' - 0.5'	Existing Building	C	3D (B-22, B-23, B-24)		3D (B-22, B-23, B-24)
	2.5' - 3.0'	Predating 1978	C	-		-
B-25, B-26, B-27	0' - 0.5'	Existing Building	C	D (B-25)		3D (B-25, B-26, B-27)
	2.5' - 3.0'	Predating 1978	C	-		-
B-28, B-29, B-30	0' - 0.5'	Existing Building	C	3D (B-28, B-29, B-30)		3D (B-28, B-29, B-30)
	2.5' - 3.0'	Predating 1978	C	-		-
B-31, B-32, B-33	0' - 0.5'	Existing Building	C	2D (B-31, B-32)		3D (B-31, B-32, B-33)
	2.5' - 3.0'	Predating 1978	C	-		-
B-34, B-35, B-36	0' - 0.5'	Existing Building	C			3D (B-34, B-35, B-36)
	2.5' - 3.0'	Predating 1978	C			-
B-37, B-38, B-39	0' - 0.5'	Existing Building	C			3D (B-37, B-38, B-39)
	2.5' - 3.0'	Predating 1978	C			-
B-40, B-41, B-42, B-43	0' - 0.5'	Existing Building	C	2D (B-40, B-41)		4D (B-40, B-41, B-42, B-43)
	2.5' - 3.0'	Predating 1978	C	-		-
B-44, B-45	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-46, B-47, B-48	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-49, B-50, B-51	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-52, B-53, B-54	0' - 0.5'	Existing Building	C			
	2.5' - 3.0'	Predating 1978	C			
B-55, B-56, B-57	0' - 0.5'	Former Building Predating	C			3D (B-55, B-56, B-57)
	2.5' - 3.0'	1947	C			-
B-58, B-59, B-60	0' - 0.5'	Former Building Predating	C			3D (B-58, B-59, B-60)
	2.5' - 3.0'	1947	C			-
T-1	0' - 0.5'	Pad-Mounted		D		
	2.5' - 3.0'	Transformer		-		
T-1 DUP	0' - 0.5'	Duplicate		D DUP		
	2.5' - 3.0'			-		
T-2	0' - 0.5'	Pole-Mounted		D		
	2.5' - 3.0'	Transformer		-		
2 EB	NA	Quality Control	2D	2D	1D	2D
TOTAL			**46 C, 5 C DUP, 2 EB**	**32 D, 3 D DUP, 2 EB**	**8 D, 1 DUP, 1 EB**	**56 D, 6 D DUPs, 2 EB**

Notes:
No lead samples are proposed for B-44 through B-54 due to the building being surrounded with hardscape.
C = Composite Sample; D = Discrete Sample; - Sample will be archived for possible future analysis;
DUP = Duplicate; EB = Equipment Blank
Field duplicates will be collected at a frequency of approximately 10 percent of the primary samples collected.
Equipment blanks will be collected at a frequency of one per day of field activities.



570-155657 Waybill


TAL-0090(1016)
ORIGIN ID:BLUA
TEST AMERICA
EUROFINS TESTAMERICA W SACRAM
880 RIVERSIDE PARKWAY
WEST SACRAMENTO, CA 95605
UNITED STATES US
TO EUROFINS ENV. TES
SAMPLE RECEIVING
2841 DOW AVE
SUITE 100
TUSTIN CA 92780
(949) 261-1022
REF: SEND OUTS
FedEx
Express
FedEx.
TRK#
0201 6201 1515 4202
FRI - 06 OCT AA
PRIORITY OVERNIGHT
92 DTHA
92780
CA-US

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-155657-1

Login Number: 155657
List Number: 1
Creator: Thompson, Lori

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	Sample compositing requested.
Residual Chlorine Checked.	N/A	

LEAD UCL DATA SET

Lead	D_Lead
75.9	1
89.7	1
20.6	1
34.7	1
13.9	1
16.6	1
14.8	1
17.8	1
14.9	1
20.9	1
24.0	1
22.4	1
51.7	1
13.3	1
81.2	1
15.3	1
57.1	1
81.4	1
27.5	1
28.6	1
18.8	1
20.1	1
13.5	1
15.2	1
10.1	1
12.7	1
27.3	1
10.7	1
22.7	1
5.0	1
30.5	1
20.6	1
21.0	1
67.6	1
13.9	1
22.4	1
11.8	1
17.6	1
36.7	1
15.1	1

Lead	D_Lead
37.0	1
33.1	1
42.5	1
46.1	1
36.9	1
42.1	1
36.0	1
22.7	1
18.8	1
22.9	1
34.9	1
19,1	1
8.63	1
7.32	1
8.74	1
57.3	1
68.9	1
39.4	1
36.8	1
37.8	1

UCL Statistics for Uncensored Full Data Sets

User Selected Options	
Date/Time of Computation	ProUCL 5.2 2/13/2024 11:33:36 AM
From File	Lead UCL.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Lead

neral Statistics

nber of Observations	59	Distinct Observations	54
		Number of Missing Observations	1
Minimum	5	Mean	30.06
Maximum	89.7	Median	22.7
SD	20.31	l. Error of Mean	2.644
Coefficient of Variation	0.676	Skewness	1.334

Normal GOF Test

Shapiro Wilk Test Statistic	0.852	Shapiro Wilk GOF Test
1% Shapiro Wilk P Value	1.03E-07	Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.18	Lilliefors GOF Test
1% Lilliefors Critical Value	0.133	Data Not Normal at 1% Significance Level

Data Not Normal at 1% Significance Level

Assuming Normal Distribution

95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	34.48	95% Adjusted-CLT UCL (Chen-1995)	34.9
		95% Modified-t UCL (Johnson-1978)	34.56

Gamma GOF Test

A-D Test Statistic	0.707	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.76	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.124	Kolmogorov-Smirnov Gamma GOF Test
5% K-S Critical Value	0.117	Data Not Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level

Gamma Statistics

k hat (MLE)	2.595	k star (bias corrected MLE)	2.474
Theta hat (MLE)	11.59	Theta star (bias corrected MLE)	12.15
nu hat (MLE)	306.2	nu star (bias corrected)	291.9
MLE Mean (bias corrected)	30.06	MLE Sd (bias corrected)	19.11
		Approximate Chi Square Value (0.05)	253.4
Adjusted Level of Significance	0.0459	Adjusted Chi Square Value	252.5

Assuming Gamma Distribution

95% Approximate Gamma UCL	34.64	95% Adjusted Gamma UCL	34.76

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.978	Shapiro Wilk Lognormal GOF Test
10% Shapiro Wilk P Value	0.611	Data appear Lognormal at 10% Significance Level
Lilliefors Test Statistic	0.0836	Lilliefors Lognormal GOF Test
10% Lilliefors Critical Value	0.105	Data appear Lognormal at 10% Significance Level

Data appear Lognormal at 10% Significance Level

Lognormal Statistics

Minimum of Logged Data	1.609	Mean of logged Data	3.198
Maximum of Logged Data	4.496	SD of logged Data	0.649

Assuming Lognormal Distribution

95% H-UCL	35.83	90% Chebyshev (MVUE) UCL	38.37
95% Chebyshev (MVUE) UCL	42.11	97.5% Chebyshev (MVUE) UCL	47.31
99% Chebyshev (MVUE) UCL	57.53		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution

Nonparametric Distribution Free UCLs

95% CLT UCL	34.41	95% BCA Bootstrap UCL	34.75
95% Standard Bootstrap UCL	34.33	95% Bootstrap-t UCL	35.06
95% Hall's Bootstrap UCL	34.93	95% Percentile Bootstrap UCL	34.2
90% Chebyshev(Mean, Sd) UCL	37.99	95% Chebyshev(Mean, Sd) UCL	41.59
97.5% Chebyshev(Mean, Sd) UCL	46.57	99% Chebyshev(Mean, Sd) UCL	56.37

Suggested UCL to Use

95% Approximate Gamma UCL	34.64

When a data set follows an approximate distribution passing only one of the GOF tests,
it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Appendix D. IDW Action

Appendix

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TECHNICAL MEMORANDUM

DATE	November 8, 2023
TO	Department of Toxic Substances Control
ADDRESS	8800 Cal Center Drive, Sacramento, CA 95826-3200
CONTACT	Letitia Shen, Hazardous Substances Engineer
FROM	Dr. Cathleen Fitzgerald, P.E.
SUBJECT	Technical Memorandum – Oak Ridge Elementary School Rebuild Project – Investigative Derived Waste Plan (DTSC Site Code: 104871)
PROJECT NUMBER	SCUS-08.0

This tech memo describes the additional activities planned at the Oak Ridge Elementary School Rebuild Project at 4501 Martin Luther King Jr. Boulevard in the City of Sacramento, California. The investigation will be conducted in accordance with the Quality Assurance Project Plan (QAPP), Sampling and Analysis Plan (SAP), and Health and Safety Plan (HASP), as described in the PEA workplan. PlaceWorks previously prepared and submitted to the DTSC a Preliminary Environmental Assessment Workplan on behalf of Sacramento City Unified School District received by the DTSC on September 15, 2023. On September 26, 2023, the DTSC approved the Workplan. From October 3 through October 5, PlaceWorks implemented the PEA Workplan with DTSC oversight and additional DTSC recommendations in the field.

The laboratory results, as shown in Table 1 and Figure 1, showed elevated lead concentrations in excess of 80 mg/kg at five locations. The shallow soil samples at B-5, B-7DUP, and A-1DUP had lead concentrations of 81.2 mg/kg, 81.4 mg/kg, and 89.7 mg/kg, respectively. The soil sample at B-56 had a lead concentration of 367 mg/kg and the soil sample at B-16 had a lead concentration of 122 mg/kg. Based on these results, DTSC requested a Tech Memo workplan for an investigative derived waste action at these two locations.

Investigative Derived Waste Plan

Soil will be removed in the areas where elevated concentrations of lead exceeded 100 mg/kg. The work will be conducted under the direction of PlaceWorks' field technician who is 40-hour HAZWOPER certified. A portable XRF analyzer would be used in the field to guide the limits of excavation, with confirmation soil samples collected at the bottom of the excavation and the sidewalls at a depth of about 0.5 feet bgs. The excavated soil will be stockpiled and covered or placed in closed drums, depending on the volume of soil removed.

The confirmation soil samples will be submitted to an analytical laboratory accredited by the California Department of Public Health (CDPH) Environmental Laboratory Accreditation Program (ELAP) for analysis of lead by EPA Method 6010B. Samples will be immediately placed in an ice-filled cooler and listed on a chain-of-custody form. Any observations pertaining to potential soil contamination will be recorded. All equipment that contacts the soil will be decontaminated in accordance with the procedures specified in the PEA Workplan.

The primary goal is to remove lead-impacted soil at the two locations with concentrations in excess of 100 mg/kg. However, if the soil removal efforts at these two targeted locations are limited in extent, additional removal efforts will be conducted to include the other three locations where lead concentrations in excess of 80 mg/kg were reported. The soil removal volume at the site is not to exceed 20 cubic yards.

Based on the results of the STLC and TCLP analyses, the soil would be transported off-site by a licensed hauler to an appropriate landfill. The waste soil will be properly profiled for the receiving facility. Approval of waste profile characterization will be obtained from the disposal facility prior to transport. Following approval, the waste soil will be removed from the site by a licensed waste hauler and transported to the appropriate disposal facility. Manifests from the selected waste hauler will be used to document and accompany the truck load or drums. The shipping documentation will include, but not be limited to, name and address of the waste generated, name and address of the waste transporter, name and address of the disposal facility, and description and quantity of the waste. Copies of the shipping documentation will be maintained and provided to DTSC.

Sincerely,

Dr. Cathleen Fitzgerald, P.E.
Senior Engineer

Attachments

Tables

Table 1 – Summary Table of Lead for Investigative Derived Waste Action
Table 2 – Soil Confirmation Sampling Program

Figures

Figure 1 – Sampling Locations

TABLE 1
SUMMARY TABLE OF LEAD IN SOIL
Oak Ridge Elementary School
Sacramento City Unified School District
Sacramento, California

			Concentration (mg/kg)
Sample Number	**Sample Locations**	**Sample Date**	**Lead**
A-1 @ 0.5'	Field north of bldg - former ag use	10/4/2023	75.9
A-1DUP @ 0.5'	Field north of bldg - former ag use	10/4/2023	**89.7**
A-2 @ 0.5'	Eastern Field - historic ag use	10/4/2023	20.6
A-3 @ 0.5'	Eastern Field - historic ag use	10/4/2023	34.7
A-4 @ 0.5'	Eastern Field - historic ag use	10/4/2023	13.9
A-5 @ 0.5'	Eastern Field - historic ag use	10/4/2023	16.6
A-6 @ 0.5'	Eastern Field - historic ag use	10/4/2023	14.8
A-6DUP @ 0.5'	Eastern Field - historic ag use	10/4/2023	17.8
A-7 @ 0.5'	Eastern Field - historic ag use	10/4/2023	14.9
A-8 @ 0.5'	Eastern Field - historic ag use	10/4/2023	20.9
B-1 @ 0.5'	North side of main building	10/3/2023	24.0
B-2 @ 0.5'	North side of main building	10/3/2023	22.4
B-3 @ 0.5'	North side of main building	10/3/2023	51.7
B-4 @ 0.5'	North side of main building	10/3/2023	13.3
B-5 @ 0.5'	North side of main building	10/3/2023	**81.2**
B-6 @ 0.5'	North side of main building	10/3/2023	15.3
B-7 @ 0.5'	East side of main building	10/3/2023	57.1
B-7DUP @ 0.5'	East side of main building	10/3/2023	**81.4**
B-8 @ 0.5'	East side of main building	10/3/2023	27.5
B-8DUP @ 0.5'	East side of main building	10/3/2023	28.6
B-9 @ 0.5'	East side of main building	10/3/2023	18.8
B-9DUP @ 0.5'	East side of main building	10/3/2023	20.1
B-10 @ 0.5'	East side of main building	10/3/2023	13.5
B-10DUP @ 0.5'	East side of main building	10/3/2023	15.2
B-11 @ 0.5'	South side of main building	10/3/2023	10.1
B-12 @ 0.5'	South side of main building	10/3/2023	12.7
B-13 @ 0.5'	South side of main building	10/3/2023	27.3
B-14 @ 0.5'	South side of main building	10/3/2023	10.7
B-15 @ 0.5'	South side of main building	10/3/2023	22.7
B-16 @ 0.5'	South side of main building	10/3/2023	**122**
B-17 @ 0.5'	Southwest corner of main building	10/3/2023	5.0
B-18 @ 0.5'	West side of main building	10/3/2023	30.5
B-19 @ 0.5'	West side of main building	10/3/2023	20.6
B-20 @ 0.5'	West side of main building	10/3/2023	21.0
B-21 @ 0.5'	West side of main building	10/3/2023	67.6
B-22 @ 0.5'	North side of portable restrooms	10/3/2023	13.9
B-23 @ 0.5'	North side of portable restrooms	10/3/2023	22.4

TABLE 1
SUMMARY TABLE OF LEAD IN SOIL
Oak Ridge Elementary School
Sacramento City Unified School District
Sacramento, California

			Concentration (mg/kg)
Sample Number	**Sample Locations**	**Sample Date**	**Lead**
B-24 @ 0.5'	North side of portable restrooms	10/3/2023	11.8
B-25 @ 0.5'	North side of portable restrooms	10/3/2023	17.6
B-27 @ 0.5'	East side of portable restrooms	10/3/2023	36.7
B-28 @ 0.5'	North side of eastern portables	10/5/2023	15.1
B-29 @ 0.5'	North side of eastern portables	10/5/2023	37.0
B-30 @ 0.5'	North side of eastern portables	10/5/2023	33.1
B-31 @ 0.5'	North side of eastern portables	10/5/2023	42.5
B-32 @ 0.5'	North side of eastern portables	10/5/2023	46.1
B-33 @ 0.5'	North side of eastern portables	10/5/2023	36.9
B-34 @ 0.5'	West side of southwest building	10/5/2023	42.1
B-35 @ 0.5'	West side of southwest building	10/5/2023	36.0
B-36 @ 0.5'	West side of southwest building	10/5/2023	22.7
B-37 @ 0.5'	West side of southwest building	10/5/2023	18.8
B-38 @ 0.5'	West side of southwest building	10/5/2023	22.9
B-39 @ 0.5'	West side of southwest building	10/5/2023	34.9
B-40 @ 0.5'	West side of structure east of playgroun	10/5/2023	19,1
B-41 @ 0.5'	West side of structure east of playgroun	10/5/2023	8.63
B-42 @ 0.5'	North side of structure east of playgrour	10/5/2023	7.32
B-43 @ 0.5'	North side of structure east of playgrour	10/5/2023	8.74
B-55 @ 0.5'	Former farm structure in field	10/4/2023	57.3
B-56 @ 0.5'	Former farm structure in field	10/4/2023	**367**
B-57 @ 0.5'	Former farm structure in field	10/4/2023	68.9
B-58 @ 0.5'	Former farm structure in field	10/4/2023	39.4
B-59 @ 0.5'	Former farm structure in field	10/4/2023	36.8
B-60 @ 0.5'	Former farm structure in field	10/4/2023	37.8
Equipment Blank			milligrams per liter
EB		10/4/2023	<0.050
EB		10/5/2023	<0.050
DTSC Lead Residential Cleanup Level (mg/kg)			80.00

TABLE 2
SOIL SAMPLE CONFIRMATION TABLE
Proposed Oak Ridge Elementary School Rebuild
Sacramento City Unified School District
Sacramento County, California

Sample ID	Location	Depth (feet bgs)	EPA 6010B Lead (mg/kg)
B-56	Bottom	Dependent on XRF Analysis	D
	West sidewall	0.5'	D
	North sidewall	0.5'	D
	East sidewall	0.5'	D
	South sidewall	0.5'	D
B-16	Bottom	Dependent on XRF Analysis	D
	West sidewall	0.5'	D
	North sidewall	0.5'	D
	East sidewall	0.5'	D
	South sidewall	0.5'	D
EB			

Notes
D = Discrete primary sample; EB = Equipment Blank

Additional soil sampling at B-6, A-1DUP, and B7DUP recommended in accordance with the table presented above if removal actions at B-56 and B-16 are limited in extent

Figure 1 - Sampling Locations

Source: NearMap 2023.

Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
8800 Cal Center Drive
Sacramento, California 95826-3200

Yana Garcia
Secretary for
Environmental Protection

Gavin Newsom
Governor

Sent Via Electronic Mail

November 28, 2023

Mr. Chris Ralston
Director III Facilities Management
Sacramento City Unified School District
425 1st Avenue
Sacramento, CA 95818
Chris-Ralston@scusd.edu

TECHNICAL MEMORANDUM – APPROVAL, SACRAMENTO CITY UNIFIED SCHOOL DISTRICT, OAK RIDGE ELEMENTARY SCHOOL, 4501 MARTIN LUTHER KING JUNIOR BOULEVARD, SACRAMENTO, SACRAMENTO COUNTY, CALIFORNIA (SITE CODE: 104871)

Dear Mr. Ralston:

The Department of Toxic Substances Control (DTSC) reviewed the *Technical Memorandum* (Tech Memo – PlaceWorks, November 8, 2023) received electronically on November 8, 2023, for Oak Ridge Elementary School. The 7.77-acre school site is located at 4501 Martin Luther King Junior Boulevard, Sacramento, Sacramento County, California (Site). The Sacramento City Unified School District (District) plans to fully redesign and reconstruct this Site. The eastern portion of the Site (approximately 3.5 acres) was historically used for agricultural purposes (a mixture of row crops and grass crops) from at least 1937 to about 1957. The remaining western portion of the Site was developed in 1953 as a school.

From October 3 through October 5, 2023, the District implemented the DTSC-approved Preliminary Environmental Assessment (PEA) Workplan (September 15, 2023). Based on the analytical laboratory results of near-surface soil samples, five locations exceeded the DTSC-modified screening level (DTSC-SL) of 80 milligrams per kilograms (mg/kg) for lead. The shallow soil samples at B-5, B-7DUP, and A-1DUP had lead concentrations of 81.2 mg/kg, 81.4 mg/kg, and 89.7 mg/kg, respectively. The soil sample at B-56 had a lead concentration of 367 mg/kg and the soil sample at B-16 had a lead concentration of 122 mg/kg.

According to the Tech Memo, the primary goal is to characterize and address lead-impacted soil as investigative derived waste (IDW) at the two locations with concentrations in excess of 100 mg/kg. However, if the soil removal efforts at these two targeted locations are limited in extent, additional characterization and removal efforts will be conducted to include the other three locations where lead concentrations in excess of 80 mg/kg were reported. All soil will be removed as IDW, transported to an approved disposal facility, and is not to exceed 20 cubic yards.

On November 13, 2023, Ms. Letitia Shen of DTSC provided verbal approval to Dr. Cathleen Fitzgerald of PlaceWorks (District representative) to implement the Tech Memo at the Site. Tech Memo will be implemented in conjunction with the Health and Safety Plan and protocols in the approved PEA Workplan. This letter serves as DTSC's official response and documents that the Tech Memo is hereby approved. Please provide DTSC with a hard copy of the approved Tech Memo within five (5) working days from the date of this letter.

In accordance with Education Code section 17210.1(b), the District shall maintain the PEA Workplan fieldwork notice posted at various locations around the Site, visible from public rights-of-way. The intent of this requirement is to provide notice of fieldwork such as drilling, sampling, and other environmental data collection activities to anyone who lives or works in the line of sight of the Site. Please notify DTSC a minimum of 48 hours in advance of any schedule changes.

Pursuant to Education Code §17213.2(e), if a previously unidentified release or threatened release of a hazardous material or the presence of a naturally occurring hazardous material is discovered at any time during construction at the Site, the District shall cease all construction activities at the Site and notify DTSC. Additional assessment, investigation, or cleanup may be required.

If you have any questions regarding this letter, please contact me at (916) 255-3744 or via email at Letitia.Shen@dtsc.ca.gov.

Sincerely,

Letitia Shen

Letitia Shen
Project Manager
Northern California Schools Unit
Site Mitigation and Restoration Program
Department of Toxic Substances Control

cc: (via email)

Nathaniel Browning
Special Assistant to the Board
Sacramento City Unified School District
Nathaniel-Browning@scusd.edu

Isaac White
Project Manager
Innovative Construction Services, Inc.
Isaac@icscm.com

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Claudio Sorrentino, PhD
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Jacki Coburn, PhD
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Tim Crick, PE, Chief
Northern California Schools Unit
Site Mitigation and Restoration Program
Department of Toxic Substances Control
Tim.Crick@dtsc.ca.gov

PLACEWORKS

TECHNICAL MEMORANDUM

DATE	March 1, 2024
TO	Department of Toxic Substances Control
ADDRESS	8800 Cal Center Drive, Sacramento, CA 95826-3200
CONTACT	Letitia Shen, Hazardous Substances Engineer
FROM	Dr. Cathleen Fitzgerald, P.E.
SUBJECT	Investigation Derived Action Results (Site Code: 104871)
PROJECT NUMBER	SCUS-08.0

This tech memo describes the results of the investigation derived waste (IDW) action at the proposed Oak Ridge Elementary School Rebuild Project at 4501 martin Luther King Jr Boulevard in the City of Sacramento. The investigation was conducted in accordance with the Quality Assurance Project Plan (QAPP), Sampling and Analysis Plan (SAP), and Health and Safety Plan (HASP), as described in the PEA workplan.

A technical memorandum were prepared at DTSC's direction that provides the IDW program workplan for removal of lead-impacted soil at two locations where lead concentrations exceeded 100 mg/kg. It was verbally approved by DTSC on November 13, 2023 with a written verification letter on November 28, 2023. The DTSC approval letter is included in this appendix.

Investigative Derived Waste Plan Implementation

Soil was removed in two locations where concentrations of lead exceeded 100 mg/kg under the direction of a PlaceWorks field technician who is 40-hour HAZWOPER certified. At B-16, which was next to one of the classroom buildings, the excavation was hand dug, with excavation dimensions of 2.5 feet by 2.5 feet by 1.5 feet deep. The excavation was guided by using a Niton XL5 handheld XRF meter to determine the appropriate extent of excavation by monitoring lead concentrations in the field. Soil samples were collected from the bottom of the excavation and at a depth of 0.5 feet bgs at all four sidewall locations. The samples were submitted to Eurofins Tustin laboratory for analysis of lead by EPA Method 6010B. The location of the excavation was secured until the analytical results from the laboratory were received.

The laboratory results are provided in Table 1. The sample along the north sidewall still had a lead concentration of 92.7 mg/kg after excavation, which exceeds the DTSC residential threshold of 80 mg/kg. Therefore, additional excavation was conducted on December 4, 2023 to remove an additional foot of soil from the north sidewall up to the edge of the building. The subsequent soil sample from the north sidewall had a lead concentration of 40.5 mg/kg.

A backhoe was used to excavate the impacted soil at B-56 in the field and the excavation dimensions were approximately 3.5 feet by 3.5 feet by 2.0 feet deep. The excavated soil was placed in DOT approved 55-gallon drums awaiting transport and off-site disposal.

All soil samples collected from the bottom of the excavation and at a depth of 0.5 feet bgs at all four sidewall locations were submitted to Eurofins Tustin laboratory for analysis of lead by EPA Method 6010B. All lead concentrations were below the DTSC threshold of 80 mg/kg, as shown in Table 1. The laboratory results for the IDW action are provided in Attachment A of this memorandum.

The excavated soil was placed in four DOT-approved drum and was profiled for Belshire Environmental to determine whether the soil was a federal RCRA hazardous waste or a California non-RCRA hazardous waste. Results of the STLC and TCLP analyses are provided in Table 1. Four drums of soil (approximately 1.1 cubic yards) were picked up by Belshire Environmental, a licensed hazardous waste hauler, on January 4, 2024, and transported to US Ecology, Nevada Operations, at Beatty, Nevada as a California non-RCRA hazardous waste. A copy of the waste manifest is provided in Attachment B.

Sincerely,

Dr. Cathleen Fitzgerald, P.E.
Senior Engineer

Attachments

Tables

Figures

TABLE 1
SUMMARY TABLE OF IDW REMOVAL ACTION
Oak Ridge Elementary School Rebuild
Sacramento City Unified School District
Sacramento, California

Sample Location	Location	Sample ID	Sample Depth (feet bgs)	Sample Date	EPA 6010B Lead (mg/kg)
B-16	Bottom	B-16	1.5'	11/20/2023	23.8
	West sidewall	B-16W	0.5'	11/20/2023	13.4
	North sidewall	B16-N1	0.5'	~~11/20/2023~~	~~92.7~~
	East sidewall	B-16E	0.5'	11/20/2023	9.58
	South sidewall	B-16S	0.5'	11/20/2023	19.1
	North sidewall	B16-N2	0.5'	12/4/2023	40.5

Highlighted result exceeded the DTSC screening level of 80 mg/kg.
Strikethrough indicated soil was removed at this location with additional excavation and analysis.

Sample Location	Location	Sample ID	Sample Depth (feet bgs)	Sample Date	EPA 6010B Lead (mg/kg)
B-56	Bottom	B-56	2.0'	11/20/2023	35.6
	West sidewall	B-56W	0.5'	11/20/2023	26.3
	North sidewall	B-56N	0.5'	11/20/2023	30.0
	East sidewall	B-56E	0.5'	11/20/2023	28.9
	South sidewall	B56-S	0.5'	11/20/2023	21.3

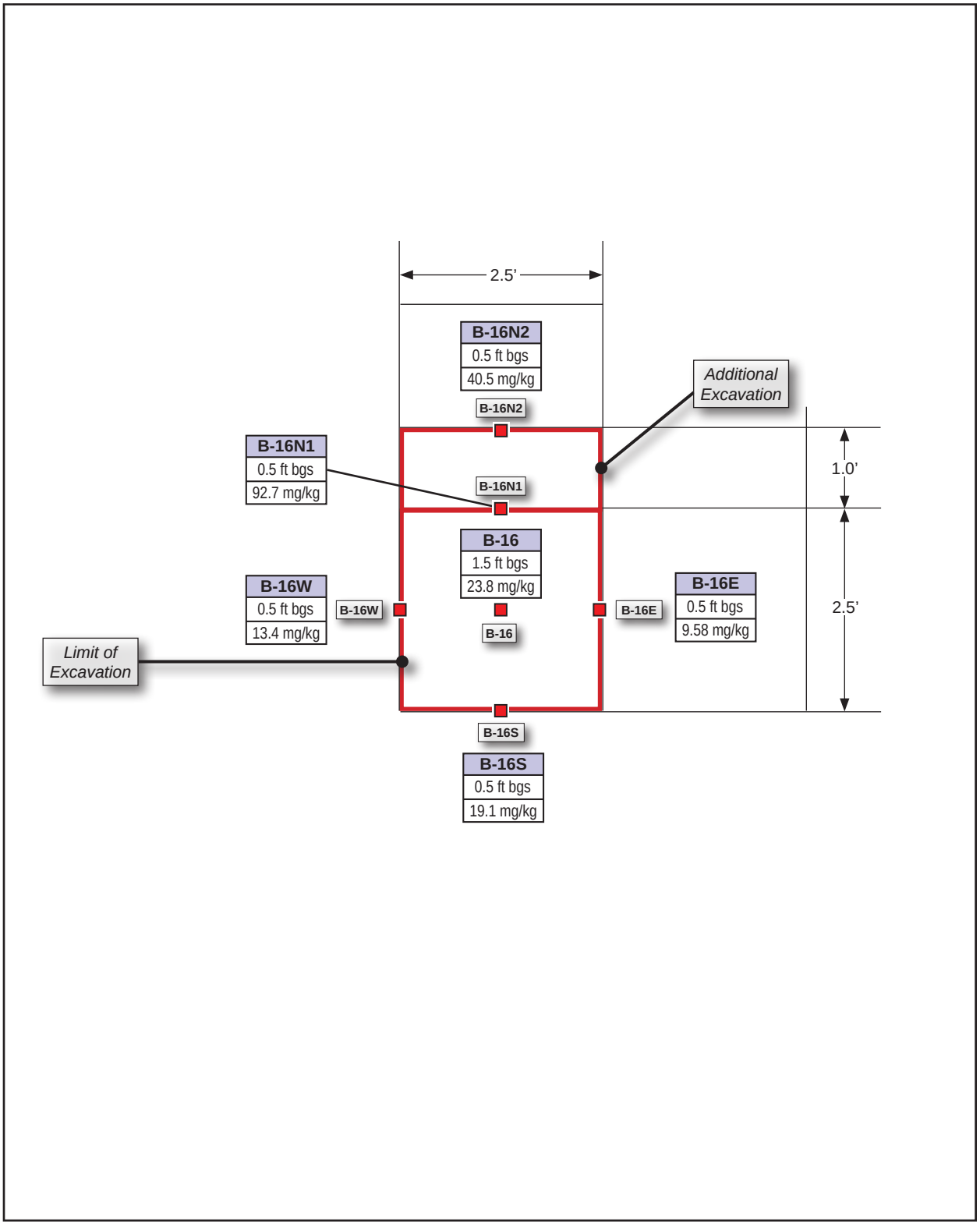
No additional excavation required

WASTE PROFILING

Sample ID	Sample Date	TCLP Lead (mg/l)	STLC Lead (mg/l)
B-16	10/3/2023	ND (<0.5)	5.08
B-56	10/4/2023	0.791	24.5

TCLP limit = 5.0 mg/l, therefore, the waste is not a federal RCRA hazardous waste
STLP limit = 5 mg/l, therefore, the soil is a California non-RCRA hazardous waste
All soil excavated from the site was transported as California non-RCRA hazardous waste to the appropriate landfill under manifest.

Figure 1 - Excavation Results – B-16



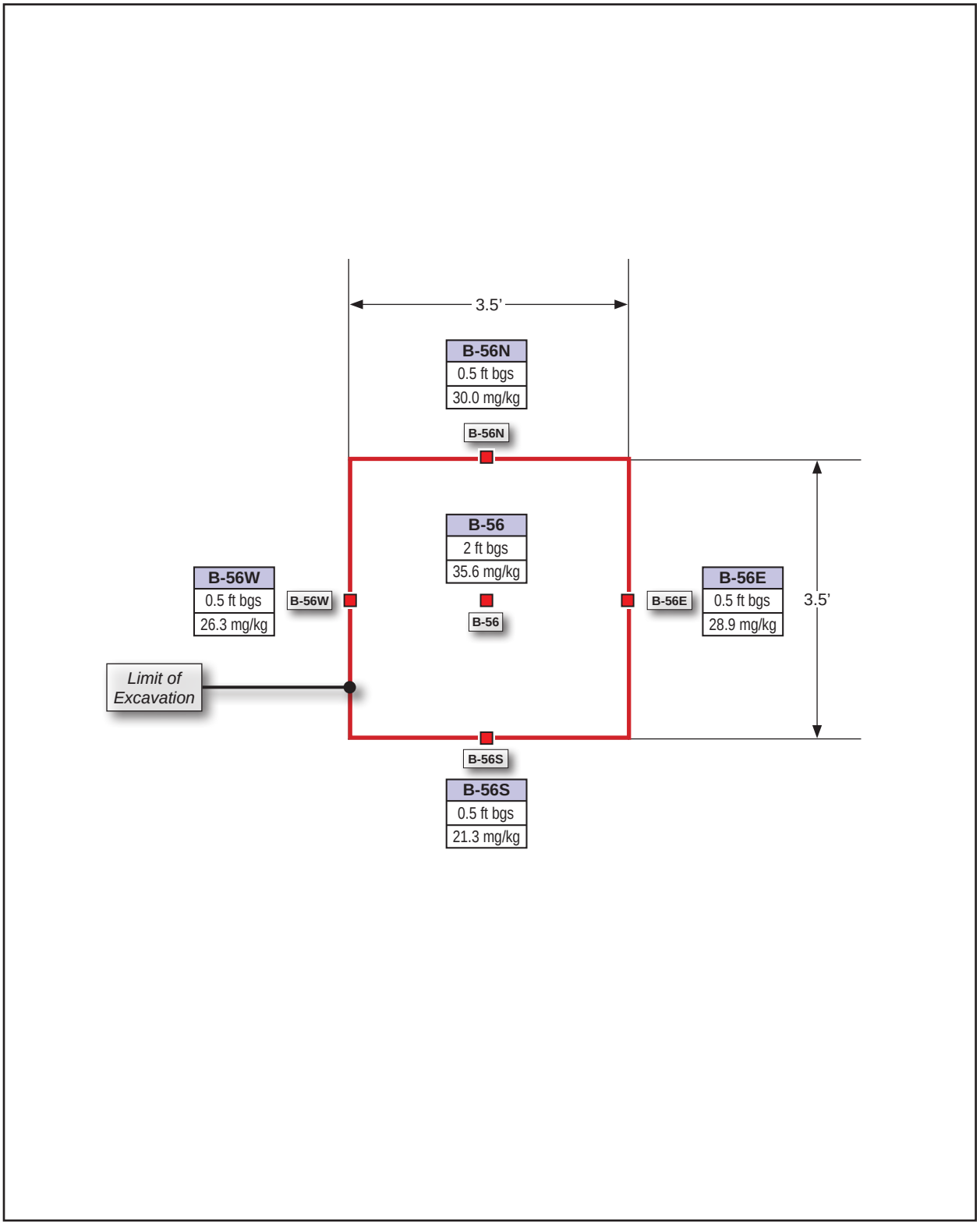
Limit of Excavation

B-16 Original Agricultural Sample Location (6)

0 2
Scale (Feet)

Source: PlaceWorks 2024.

Figure 2 - Excavation Results – B-56



Limit of Excavation

B-56 Original Agricultural Sample Location (5)

0 2
Scale (Feet)

Source: PlaceWorks 2024.

Attachment A

Laboratory Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764

Generated 11/27/2023 5:08:33 PM

JOB DESCRIPTION

Oakridge ES

JOB NUMBER

570-161722-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization

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11/27/2023 5:08:33 PM

Authorized for release by
Lori Thompson, Project Manager I
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(657)212-3035

Table of Contents

Definitions/Glossary

Client: PlaceWorks, Inc.
Project/Site: Oakridge ES

Job ID: 570-161722-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-161722-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-161722-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/21/2023 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Oakridge ES

Job ID: 570-161722-1

Client Sample ID: B-16 Bottom Sample 1' — Lab Sample ID: 570-161722-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	23.8		2.03		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-16 SIDEWALL N 0.5' — Lab Sample ID: 570-161722-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	92.7		2.04		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-16 SIDEWALL W 0.5' — Lab Sample ID: 570-161722-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	13.4		1.98		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-16 SIDEWALL S 0.5' — Lab Sample ID: 570-161722-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	19.1		1.97		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-16 SIDEWALL E 0.5' — Lab Sample ID: 570-161722-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	9.58		2.02		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-56 Bottom Sample 2' — Lab Sample ID: 570-161722-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	35.6		1.96		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-56 SIDEWALL N 0.5' — Lab Sample ID: 570-161722-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	30.0		1.99		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-56 SIDEWALL W 0.5' — Lab Sample ID: 570-161722-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	26.3		2.03		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-56 SIDEWALL S 0.5' — Lab Sample ID: 570-161722-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	21.3		1.97		mg/Kg	5		6010B	Total/NA

Client Sample ID: B-56 SIDEWALL E 0.5' — Lab Sample ID: 570-161722-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	28.9		2.00		mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-16 Bottom Sample 1'
Date Collected: 11/20/23 11:00
Date Received: 11/21/23 09:40
Lab Sample ID: 570-161722-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	23.8		2.03		mg/Kg		11/22/23 05:49	11/23/23 01:17	5

Client Sample ID: B-16 SIDEWALL N 0.5'
Date Collected: 11/20/23 11:25
Date Received: 11/21/23 09:40
Lab Sample ID: 570-161722-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	92.7		2.04		mg/Kg		11/22/23 05:49	11/23/23 01:20	5

Client Sample ID: B-16 SIDEWALL W 0.5'
Date Collected: 11/20/23 11:20
Date Received: 11/21/23 09:40
Lab Sample ID: 570-161722-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	13.4		1.98		mg/Kg		11/22/23 05:49	11/23/23 01:22	5

Client Sample ID: B-16 SIDEWALL S 0.5'
Date Collected: 11/20/23 11:10
Date Received: 11/21/23 09:40
Lab Sample ID: 570-161722-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	19.1		1.97		mg/Kg		11/22/23 05:49	11/23/23 01:25	5

Client Sample ID: B-16 SIDEWALL E 0.5'
Date Collected: 11/20/23 11:15
Date Received: 11/21/23 09:40
Lab Sample ID: 570-161722-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.58		2.02		mg/Kg		11/22/23 05:49	11/23/23 01:27	5

Client Sample ID: B-56 Bottom Sample 2'
Date Collected: 11/20/23 12:00
Date Received: 11/21/23 09:40
Lab Sample ID: 570-161722-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	35.6		1.96		mg/Kg		11/22/23 05:49	11/23/23 01:34	5

Client Sample ID: B-56 SIDEWALL N 0.5'
Date Collected: 11/20/23 12:05
Date Received: 11/21/23 09:40
Lab Sample ID: 570-161722-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	30.0		1.99		mg/Kg		11/22/23 05:49	11/23/23 01:37	5

Client Sample ID: B-56 SIDEWALL W 0.5'
Date Collected: 11/20/23 12:10
Date Received: 11/21/23 09:40
Lab Sample ID: 570-161722-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	26.3		2.03		mg/Kg		11/22/23 05:49	11/23/23 01:39	5

Client Sample ID: B-56 SIDEWALL S 0.5'
Date Collected: 11/20/23 12:15
Date Received: 11/21/23 09:40
Lab Sample ID: 570-161722-9
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	21.3		1.97		mg/Kg		11/22/23 05:49	11/23/23 01:41	5

Client: PlaceWorks, Inc.
Project/Site: Oakridge ES

Job ID: 570-161722-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-56 SIDEWALL E 0.5'
Date Collected: 11/20/23 12:20
Date Received: 11/21/23 09:40

Lab Sample ID: 570-161722-10
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	28.9		2.00		mg/Kg		11/22/23 05:49	11/23/23 01:44	5

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-386215/1-A ^5
Matrix: Solid
Analysis Batch: 386794

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 386215

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		2.03		mg/Kg		11/22/23 05:49	11/23/23 00:39	5

Lab Sample ID: LCS 570-386215/2-A ^5
Matrix: Solid
Analysis Batch: 386794

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 386215

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			49.5	46.97		mg/Kg		95	80 - 120		

Lab Sample ID: LCSD 570-386215/3-A ^5
Matrix: Solid
Analysis Batch: 386794

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 386215

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			49.8	46.72		mg/Kg		94	80 - 120	1	20

Metals

Prep Batch: 386215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-161722-1	B-16 Bottom Sample 1'	Total/NA	Solid	3050B	
570-161722-2	B-16 SIDEWALL N 0.5'	Total/NA	Solid	3050B	
570-161722-3	B-16 SIDEWALL W 0.5'	Total/NA	Solid	3050B	
570-161722-4	B-16 SIDEWALL S 0.5'	Total/NA	Solid	3050B	
570-161722-5	B-16 SIDEWALL E 0.5'	Total/NA	Solid	3050B	
570-161722-6	B-56 Bottom Sample 2'	Total/NA	Solid	3050B	
570-161722-7	B-56 SIDEWALL N 0.5'	Total/NA	Solid	3050B	
570-161722-8	B-56 SIDEWALL W 0.5'	Total/NA	Solid	3050B	
570-161722-9	B-56 SIDEWALL S 0.5'	Total/NA	Solid	3050B	
570-161722-10	B-56 SIDEWALL E 0.5'	Total/NA	Solid	3050B	
MB 570-386215/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-386215/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-386215/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 386794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-161722-1	B-16 Bottom Sample 1'	Total/NA	Solid	6010B	386215
570-161722-2	B-16 SIDEWALL N 0.5'	Total/NA	Solid	6010B	386215
570-161722-3	B-16 SIDEWALL W 0.5'	Total/NA	Solid	6010B	386215
570-161722-4	B-16 SIDEWALL S 0.5'	Total/NA	Solid	6010B	386215
570-161722-5	B-16 SIDEWALL E 0.5'	Total/NA	Solid	6010B	386215
570-161722-6	B-56 Bottom Sample 2'	Total/NA	Solid	6010B	386215
570-161722-7	B-56 SIDEWALL N 0.5'	Total/NA	Solid	6010B	386215
570-161722-8	B-56 SIDEWALL W 0.5'	Total/NA	Solid	6010B	386215
570-161722-9	B-56 SIDEWALL S 0.5'	Total/NA	Solid	6010B	386215
570-161722-10	B-56 SIDEWALL E 0.5'	Total/NA	Solid	6010B	386215
MB 570-386215/1-A ^5	Method Blank	Total/NA	Solid	6010B	386215
LCS 570-386215/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	386215
LCSD 570-386215/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	386215

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Oakridge ES

Job ID: 570-161722-1

Client Sample ID: B-16 Bottom Sample 1'

Lab Sample ID: 570-161722-1
Date Collected: 11/20/23 11:00
Matrix: Solid
Date Received: 11/21/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	50 mL	386215	11/22/23 05:49	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			386794	11/23/23 01:17	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B-16 SIDEWALL N 0.5'

Lab Sample ID: 570-161722-2
Date Collected: 11/20/23 11:25
Matrix: Solid
Date Received: 11/21/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.96 g	50 mL	386215	11/22/23 05:49	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			386794	11/23/23 01:20	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B-16 SIDEWALL W 0.5'

Lab Sample ID: 570-161722-3
Date Collected: 11/20/23 11:20
Matrix: Solid
Date Received: 11/21/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	386215	11/22/23 05:49	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			386794	11/23/23 01:22	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B-16 SIDEWALL S 0.5'

Lab Sample ID: 570-161722-4
Date Collected: 11/20/23 11:10
Matrix: Solid
Date Received: 11/21/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	386215	11/22/23 05:49	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			386794	11/23/23 01:25	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B-16 SIDEWALL E 0.5'

Lab Sample ID: 570-161722-5
Date Collected: 11/20/23 11:15
Matrix: Solid
Date Received: 11/21/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.98 g	50 mL	386215	11/22/23 05:49	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			386794	11/23/23 01:27	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Oakridge ES

Job ID: 570-161722-1

Client Sample ID: B-56 Bottom Sample 2'

Lab Sample ID: 570-161722-6
Matrix: Solid
Date Collected: 11/20/23 12:00
Date Received: 11/21/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.04 g	50 mL	386215	11/22/23 05:49	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			386794	11/23/23 01:34	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B-56 SIDEWALL N 0.5'

Lab Sample ID: 570-161722-7
Matrix: Solid
Date Collected: 11/20/23 12:05
Date Received: 11/21/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	386215	11/22/23 05:49	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			386794	11/23/23 01:37	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B-56 SIDEWALL W 0.5'

Lab Sample ID: 570-161722-8
Matrix: Solid
Date Collected: 11/20/23 12:10
Date Received: 11/21/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	50 mL	386215	11/22/23 05:49	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			386794	11/23/23 01:39	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B-56 SIDEWALL S 0.5'

Lab Sample ID: 570-161722-9
Matrix: Solid
Date Collected: 11/20/23 12:15
Date Received: 11/21/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	386215	11/22/23 05:49	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			386794	11/23/23 01:41	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B-56 SIDEWALL E 0.5'

Lab Sample ID: 570-161722-10
Matrix: Solid
Date Collected: 11/20/23 12:20
Date Received: 11/21/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	386215	11/22/23 05:49	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			386794	11/23/23 01:44	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Project/Site: Oakridge ES

Job ID: 570-161722-1

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24

Method Summary

Client: PlaceWorks, Inc.
Project/Site: Oakridge ES

Job ID: 570-161722-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
3050B	Preparation, Metals	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: PlaceWorks, Inc.
Project/Site: Oakridge ES

Job ID: 570-161722-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-161722-1	B-16 Bottom Sample 1'	Solid	11/20/23 11:00	11/21/23 09:40
570-161722-2	B-16 SIDEWALL N 0.5'	Solid	11/20/23 11:25	11/21/23 09:40
570-161722-3	B-16 SIDEWALL W 0.5'	Solid	11/20/23 11:20	11/21/23 09:40
570-161722-4	B-16 SIDEWALL S 0.5'	Solid	11/20/23 11:10	11/21/23 09:40
570-161722-5	B-16 SIDEWALL E 0.5'	Solid	11/20/23 11:15	11/21/23 09:40
570-161722-6	B-56 Bottom Sample 2'	Solid	11/20/23 12:00	11/21/23 09:40
570-161722-7	B-56 SIDEWALL N 0.5'	Solid	11/20/23 12:05	11/21/23 09:40
570-161722-8	B-56 SIDEWALL W 0.5'	Solid	11/20/23 12:10	11/21/23 09:40
570-161722-9	B-56 SIDEWALL S 0.5'	Solid	11/20/23 12:15	11/21/23 09:40
570-161722-10	B-56 SIDEWALL E 0.5'	Solid	11/20/23 12:20	11/21/23 09:40

Loc: 570
161722

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Cathy Fitzgerald	Phone: 775.853.8503	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 775.853.8503	PO #:			
Email: cfitzgerald@placeworks.com	WO #:			
Project Name: OAK RIDGE ES	Project #:			Other:
Site:	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Pb 6010B/6020 LEAD	Total Number of containers	Special Instructions/Note:
				Preservation Code:						
1	B-16 BOTTOM SAMPLE 1'	11/20	11:00	G	SOIL			X		
2	B-16 SIDEWALL N 0.5'		11:25							
3	B-16 SIDEWALL W 0.5'		11:20							
4	B-16 SIDEWALL S 0.5'		11:10							
5	B-16 SIDEWALL E 0.5'		11:15							
6	B-56 BOTTOM SAMPLE 2'		12:00							
7	B-56 SIDEWALL N 0.5'		12:05							
8	B-56 SIDEWALL W 0.5'		12:10							
9	B-56 SIDEWALL S 0.5'		12:15							
10	B-56 SIDEWALL E 0.5'		12:20							

570-161722 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

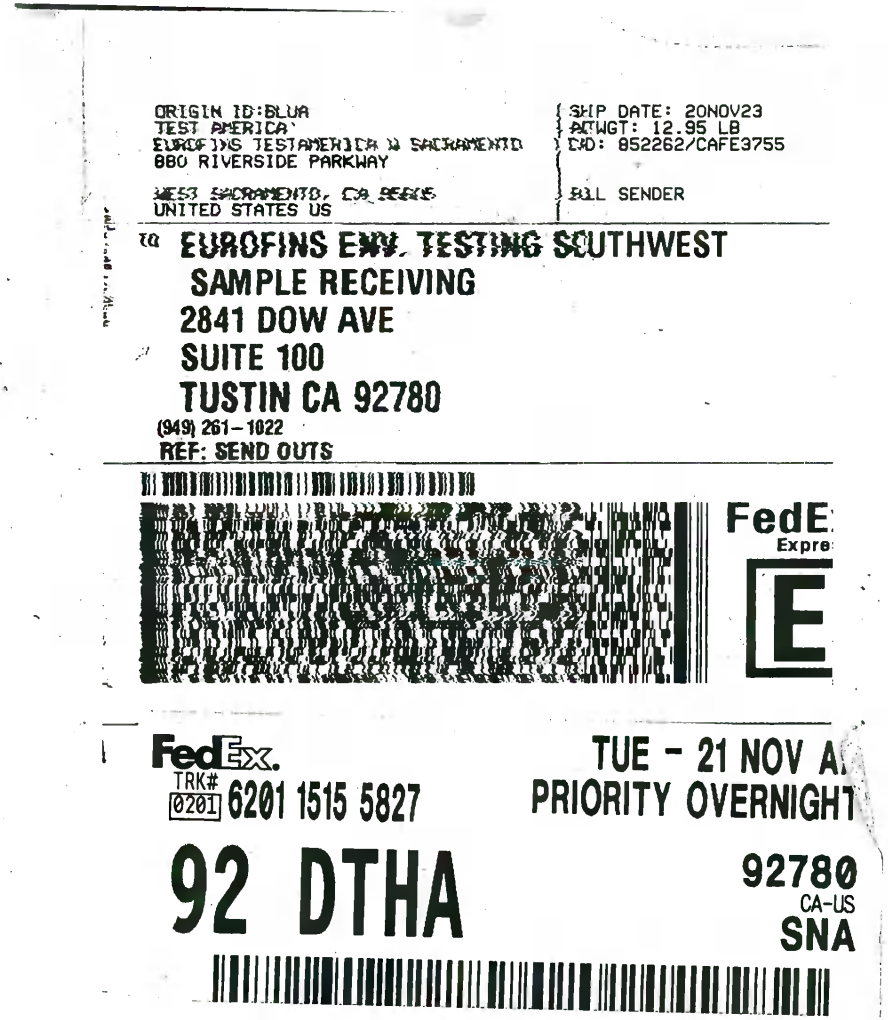
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	11/20 12:50	PLACEWORKS	[signature]	11.20.23 1250	EETCA
2	[signature]	11.20.23 1630	EETCA	[signature]	11/21/23 9:40	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1/2.0 SC 12

Ver: 01/16/2019



ORIGIN ID:BLUA
TEST AMERICA
EUROFINS TESTAMERICA W SACRAMENTO
880 RIVERSIDE PARKWAY
WEST SACRAMENTO, CA 95605
UNITED STATES US

SHIP DATE: 20NOV23
ACTWGT: 12.95 LB
CAD: 852262/CAFE3755

BILL SENDER

TO EUROFINS ENV. TESTING SOUTHWEST
SAMPLE RECEIVING
2841 DOW AVE
SUITE 100
TUSTIN CA 92780
(949) 261-1022
REF: SEND OUTS

FedEx Expre

FedEx.
TRK# 0201 6201 1515 5827

TUE - 21 NOV A
PRIORITY OVERNIGHT

92 DTHA

92780
CA-US
SNA

570-161722 Waybill

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-161722-1

Login Number: 161722
List Number: 1
Creator: Yu, Tiffany

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764

Generated 12/8/2023 4:07:54 PM

JOB DESCRIPTION

Oak Ridge Elementary School

JOB NUMBER

570-163110-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization

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Authorized for release by
Lori Thompson, Project Manager I
Lori.Thompson@et.eurofinsus.com
(657)212-3035

Table of Contents

Definitions/Glossary

Client: PlaceWorks, Inc.
Job ID: 570-163110-1
Project/Site: Oak Ridge Elementary School

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: PlaceWorks, Inc.
Project/Site: Oak Ridge Elementary School

Job ID: 570-163110-1

Job ID: 570-163110-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-163110-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The sample was received on 12/5/2023 9:45 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: PlaceWorks, Inc.
Job ID: 570-163110-1
Project/Site: Oak Ridge Elementary School

Client Sample ID: B-16 SIDEWALL N
Lab Sample ID: 570-163110-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	40.5		2.01		mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: PlaceWorks, Inc.
Job ID: 570-163110-1
Project/Site: Oak Ridge Elementary School

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-16 SIDEWALL N
Lab Sample ID: 570-163110-1
Date Collected: 12/04/23 10:15
Matrix: Solid
Date Received: 12/05/23 09:45

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	40.5		2.01		mg/Kg		12/07/23 07:10	12/08/23 13:07	5

Client: PlaceWorks, Inc.
Job ID: 570-163110-1
Project/Site: Oak Ridge Elementary School

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-390201/1-A ^5
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 390870
Prep Batch: 390201

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.96		mg/Kg		12/07/23 07:10	12/08/23 12:48	5

Lab Sample ID: LCS 570-390201/2-A ^5
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 390870
Prep Batch: 390201

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			49.3	45.17		mg/Kg		92	80 - 120		

Lab Sample ID: LCSD 570-390201/3-A ^5
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 390870
Prep Batch: 390201

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			49.8	45.68		mg/Kg		92	80 - 120	1	20

QC Association Summary

Client: PlaceWorks, Inc.
Job ID: 570-163110-1
Project/Site: Oak Ridge Elementary School

Metals

Prep Batch: 390201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-163110-1	B-16 SIDEWALL N	Total/NA	Solid	3050B	
MB 570-390201/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-390201/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-390201/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 390870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-163110-1	B-16 SIDEWALL N	Total/NA	Solid	6010B	390201
MB 570-390201/1-A ^5	Method Blank	Total/NA	Solid	6010B	390201
LCS 570-390201/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	390201
LCSD 570-390201/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	390201

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-163110-1
Project/Site: Oak Ridge Elementary School

Client Sample ID: B-16 SIDEWALL N
Lab Sample ID: 570-163110-1
Date Collected: 12/04/23 10:15
Matrix: Solid
Date Received: 12/05/23 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	390201	12/07/23 07:10	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			390870	12/08/23 13:07	K1UV	EET CAL 4
	Instrument ID: ICP11									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Job ID: 570-163110-1
Project/Site: Oak Ridge Elementary School

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24

Method Summary

Client: PlaceWorks, Inc.
Project/Site: Oak Ridge Elementary School

Job ID: 570-163110-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
3050B	Preparation, Metals	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: PlaceWorks, Inc.
Job ID: 570-163110-1
Project/Site: Oak Ridge Elementary School

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-163110-1	B-16 SIDEWALL N	Solid	12/04/23 10:15	12/05/23 09:45

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

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Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Cathy Fitzgerald	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #:			
Email: cfitzgerald@placeworks.com	WO #:			
Project Name:	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010 B LEAD	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
1 B-16 SIDEWALL N1	12/4	10:15	G	SOIL			X		

570-163110 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	12/4 10:30	PLACEWORKS	[signature]	12/4/23 1030	
Relinquished by: [signature] BETCO	Date/Time: 12-4-23 1630	Company	Received by: [signature]	Date/Time: 12/5/23 0945	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.2/3.1 SC12

Ver: 01/16/2019


IF THIS SHIPMENT IS DELAYED IN TRANSIT,
2084775
Custody Seal
DATE
ORIGIN ID:BLUA
TEST AMERICA
EUROFINS TESTAMERICA W SAC
880 RIVERSIDE PARKWAY
WEST SACRAMENTO, CA 95605
UNITED STATES US
ATE: 04DEC23
: 53.95 LB
52262/CAFE3755
ENDER
TO EUROFINS ENV. T
SAMPLE RECEIVI
2841 DOW AVE
SUITE 100
TUSTIN CA 92780
(949) 261-1022
REF: SEND OUTS
HWEST
FedEx
Express
TRK# 0201 6201 1515 6320
TUE - 05 DEC 12:00P
PRIORITY OVERNIGHT
92 DTHA
92780
CA-US SNA
570-163110 Waybill

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-163110-1

Login Number: 163110

List Source: Eurofins Calscience

List Number: 1

Creator: Kasianchuk, Ivanna

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764

Generated 11/7/2023 3:55:13 PM

JOB DESCRIPTION

Oak Ridge Elementary School / SCUS-08.0

JOB NUMBER

570-155226-3

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

myEOL

Job Notes

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Authorized for release by
Lori Thompson, Project Manager I
Lori.Thompson@et.eurofinsus.com
(657)212-3035

Table of Contents

Definitions/Glossary

Client: PlaceWorks, Inc. Job ID: 570-155226-3
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-155226-3

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-155226-3

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/4/2023 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2°C and 2.1°C

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-3
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-16 @ 0.5'
Lab Sample ID: 570-155226-43

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	5.08		1.00		mg/L	1		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

Client: PlaceWorks, Inc.
Job ID: 570-155226-3
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: SW846 6010B - Metals (ICP) - STLC Citrate

Client Sample ID: B-16 @ 0.5'
Lab Sample ID: 570-155226-43
Date Collected: 10/03/23 09:55
Matrix: Solid
Date Received: 10/04/23 09:35

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.08		1.00		mg/L		11/03/23 14:50	11/06/23 19:25	1

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-379322/1-B
Matrix: Solid
Analysis Batch: 381018

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 380221

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00		mg/L		11/03/23 14:50	11/06/23 19:18	1

Lab Sample ID: LCS 570-379322/2-B
Matrix: Solid
Analysis Batch: 381018

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate
Prep Batch: 380221

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			20.0	18.61		mg/L		93	80 - 120		

Lab Sample ID: LCSD 570-379322/3-B
Matrix: Solid
Analysis Batch: 381018

Client Sample ID: Lab Control Sample Dup
Prep Type: STLC Citrate
Prep Batch: 380221

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			20.0	18.68		mg/L		93	80 - 120	0	20

Lab Sample ID: 570-155226-43 MS
Matrix: Solid
Analysis Batch: 381018

Client Sample ID: B-16 @ 0.5'
Prep Type: STLC Citrate
Prep Batch: 380221

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead	5.08		20.0	23.66		mg/L		93	84 - 120		

Lab Sample ID: 570-155226-43 MSD
Matrix: Solid
Analysis Batch: 381018

Client Sample ID: B-16 @ 0.5'
Prep Type: STLC Citrate
Prep Batch: 380221

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	5.08		20.0	23.72		mg/L		93	84 - 120	0	7

QC Association Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-3
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Metals

Leach Batch: 379322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-43	B-16 @ 0.5'	STLC Citrate	Solid	CA WET Citrate	
LB 570-379322/1-B	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 570-379322/2-B	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 570-379322/3-B	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	
570-155226-43 MS	B-16 @ 0.5'	STLC Citrate	Solid	CA WET Citrate	
570-155226-43 MSD	B-16 @ 0.5'	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 380221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-43	B-16 @ 0.5'	STLC Citrate	Solid	Dilution	379322
LB 570-379322/1-B	Method Blank	STLC Citrate	Solid	Dilution	379322
LCS 570-379322/2-B	Lab Control Sample	STLC Citrate	Solid	Dilution	379322
LCSD 570-379322/3-B	Lab Control Sample Dup	STLC Citrate	Solid	Dilution	379322
570-155226-43 MS	B-16 @ 0.5'	STLC Citrate	Solid	Dilution	379322
570-155226-43 MSD	B-16 @ 0.5'	STLC Citrate	Solid	Dilution	379322

Analysis Batch: 381018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155226-43	B-16 @ 0.5'	STLC Citrate	Solid	6010B	380221
LB 570-379322/1-B	Method Blank	STLC Citrate	Solid	6010B	380221
LCS 570-379322/2-B	Lab Control Sample	STLC Citrate	Solid	6010B	380221
LCSD 570-379322/3-B	Lab Control Sample Dup	STLC Citrate	Solid	6010B	380221
570-155226-43 MS	B-16 @ 0.5'	STLC Citrate	Solid	6010B	380221
570-155226-43 MSD	B-16 @ 0.5'	STLC Citrate	Solid	6010B	380221

Lab Chronicle

Client: PlaceWorks, Inc.
Job ID: 570-155226-3
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-16 @ 0.5'
Date Collected: 10/03/23 09:55
Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.11 g	500 mL	379322	11/01/23 12:37	BG9Y	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	380221	11/03/23 14:50	K1UV	EET CAL 4
STLC Citrate	Analysis	6010B		1			381018	11/06/23 19:25	P1R	EET CAL 4
	Instrument ID:	ICP10								

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-3
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24

Method Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-3
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	EET CAL 4
Dilution	Preparation / Dilution Process	None	EET CAL 4

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: PlaceWorks, Inc.
Job ID: 570-155226-3
Project/Site: Oak Ridge Elementary School / SCUS-08.0

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-155226-43	B-16 @ 0.5'	Solid	10/03/23 09:55	10/04/23 09:35

Lori Thompson

From: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Sent: Tuesday, October 31, 2023 1:24 PM
To: Lori Thompson
Subject: RE: Eurofins Calscience report and EDD files from 570-155226-2 Oak Ridge Elementary School / SCUS-08.0

Follow Up Flag: Follow up
Flag Status: Flagged

Lori,
No further analyses for OCPs (dieldrin). However, we would like to have Samples B-16 and B56 analyzed for STLC and TCLP for lead. We don't need a rush turnaround.
Thank you,
Cathy

From: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Sent: Thursday, October 26, 2023 3:06 PM
To: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Subject: RE: Eurofins Calscience report and EDD files from 570-155226-2 Oak Ridge Elementary School / SCUS-08.0

No worries, Cathy, these are not scheduled for disposal until end of next week. I'll check in with you next week for an update. Thank you!

Lori Thompson (she/her)
Client Services Dept. Manager - Project Management

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Eurofins Environment Testing Southwest, LLC
2841 Dow Avenue, Suite 100
Tustin, CA 92780

Direct: 657-212-3035
Mobile: 714-620-9205
Lab: 714-895-5494

Lori.Thompson@ET.EurofinsUS.com
www.EurofinsUS.com/Env

Lori Thompson

From: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Sent: Wednesday, November 1, 2023 2:49 PM
To: Lori Thompson
Subject: RE: Eurofins Calscience report and EDD files from 570-155379-2 Oak Ridge Elementary School / SCUS-08.0

Yes, thank you,
Cathy

From: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Sent: Wednesday, November 01, 2023 2:47 PM
To: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Subject: RE: Eurofins Calscience report and EDD files from 570-155379-2 Oak Ridge Elementary School / SCUS-08.0

Ok, I will cancel TCLP for B-56. What about B-16? We need 100g for TCLP but only have 45g. Should I cancel TCLP for B-16 as well?

Lori Thompson (she/her)
Client Services Dept. Manager - Project Management

Eurofins Environment Testing Southwest, LLC
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Mobile: 714-620-9205
Lab: 714-895-5494

Lori.Thompson@ET.EurofinsUS.com
www.EurofinsUS.com/Env

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From: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Sent: Wednesday, November 1, 2023 2:40 PM

155226
2459
WGP

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
1 T-1 @ 0.5'	10/3	7:40	G	Solid				X				C = Composite Sample
2 T-1 @ 2.5'		7:40	G	Solid								D = Discrete Sample; - Sample will be archived for possible future analysis
3 T-1 DUP @ 0.5'		7:45	G	Solid				X				DUP = Duplicate
4 T-1 DUP @ 2.5'		7:45	G	Solid								EB = Equipment Blank
5 B-1 @ 0.5'		7:50	G	Solid			C	X		X		
6 B-1 @ 2.5'		7:50	G	Solid			C					
7 B-2 @ 0.5'		8:00	G	Solid			C	X		X		
8 B-2 @ 2.5'		8:00	G	Solid			C					
9 B-3 @ 0.5'		8:05	G	Solid			C	X		X		
10 B-3 @ 2.5'		8:05	G	Solid			C					
11 B-4 @ 0.5'		8:15	G	Solid			C	X		X		

570-155226 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/3 12:05	PLACEWORKS	[signature]	10/3/23 1205	SEB
2	[signature]	10/3/23 1630	EETCS	[signature]	10/4/23 0937	ET
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.2 / 2.1, 1.3 / 1.2 SCR

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify); Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 6081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
12	B-4 @ 2.5'	10/3	8:15	G	Solid			C					C = Composite Sample
13	B-5 @ 0.5'		8:25	G	Solid			C	X		X		D = Discrete Sample; - Sample will be archived for possible future analysis
14	B-5 @ 2.5'		8:25	G	Solid			C					DUP = Duplicate
15	B-6 @ 0.5'		8:30	G	Solid			C	X		X		EB = Equipment Blank
16	B-6 @ 2.5'		8:30	G	Solid			C					
17	B-7 @ 0.5'		8:45	G	Solid			C	X		X		
18	B-7 @ 2.5'		8:45	G	Solid			C					
19	B-7 DUP @ 0.5'		8:50	G	Solid			C	X		X		
20	B-7 DUP @ 2.5'		8:50	G	Solid			C					
21	B-8 @ 0.5'		8:55	G	Solid			C	X		X		
22	B-8 @ 2.5'	↓	8:55	G	Solid			C					
23													

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miles Barker	10/3 12:05	PLACEWORKS		10/3/23 1605	Eurofins
2		10.3.23 1630	EETCA		10/4/23 0935	ET
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 SC2

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
23	B-8 DUP @ 0.5'	10/3	9:00	G	Solid			C	X		X		C = Composite Sample
24	B-8 DUP @ 2.5'		9:00	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
25	B-9 @ 0.5'		9:05	G	Solid			C	X		X		DUP = Duplicate
26	B-9 @ 2.5'		9:05	G	Solid			C					EB = Equipment Blank
27	B-9 DUP @ 0.5'		9:10	G	Solid			C			X		
28	B-9 DUP @ 2.5'		9:10	G	Solid			C					
29	B-10 @ 0.5'		9:15	G	Solid			C	X		X		
30	B-10 @ 2.5'		9:15	G	Solid			C					
31	B-10 DUP @ 0.5'		9:20	G	Solid			C			X		
32	B-10 DUP @ 2.5'		9:20	G	Solid			C					
33	B-11 @ 0.5'		9:25	G	Solid			C	X		X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: 5a 10/31 7

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/3 1215	PLACEWORKS	[signature]	10/3/23 1205	EE Bell
2	[signature]	10-3-23 1630	ETCA	[signature]	10/4/23 0935	EC
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 5C/2

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:			Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			
City: Ontario	TAT Requested (days): ~~10 days~~ 3 Days			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
34	B-11 @ 2.5'	10/3	9:25	G	Solid			C					C = Composite Sample
35	B-12 @ 0.5'		9:30	G	Solid			C	X		X		D = Discrete Sample; - Sample will be archived for possible future analysis
36	B-12 @ 2.5'		9:32	G	Solid			C					DUP = Duplicate
37	B-13 @ 0.5'		9:35	G	Solid			C	X		X		EB = Equipment Blank
38	B-13 @ 2.5'		9:35	G	Solid			C					
39	B-14 @ 0.5'		9:40	G	Solid			C	X		X		
40	B-14 @ 2.5'		9:40	G	Solid			C					
41	B-15 @ 0.5'		9:45	G	Solid			C	X		X		
42	B-15 @ 2.5'		9:45	G	Solid			C					
43	B-16 @ 0.5'		9:55	G	Solid			C	X		X		
44	B-16 @ 2.5'		9:55	G	Solid			C					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miles Barker	10/3 1205	PLACEWORKS		10/3/23 1205	ETA
2		10-3-23 1630	ETCA		10/4/23 0935	FL
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 1.3 / 1.2 SC12

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): 10 days ~~3 Days~~			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
45	B-17 @ 0.5'	10/3	10:05	G	Solid			C	X		X		C = Composite Sample
46	B-17 @ 2.5'		10:05	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
47	B-18 @ 0.5'		10:10	G	Solid			C	X		X		DUP = Duplicate
48	B-18 @ 2.5'		10:10	G	Solid			C					EB = Equipment Blank
49	B-19 @ 0.5'		10:15	G	Solid			C	X		X		
50	B-19 @ 2.5'		10:15	G	Solid			C					
51	B-20 @ 0.5'		10:20	G	Solid			C			X		
52	B-20 @ 2.5'		10:20	G	Solid			C					
53	B-21 @ 0.5'		10:25	↓	↓			C			X		
54	B-21 @ 2.5'	↓	10:25	↓	↓			C					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
1		10/3 12:05	PLACEWKS		10/3/23 1605	FEDEX
2		10-3-23 1630	BETCA		10/4/23 0935	ET
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3 / 1.2 5412

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
55	B-22 @ 0.5'	10/3	10:40	G	Solid			C	X		X		C = Composite Sample
56	B-22 @ 2.5'		10:40	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
57	B-23 @ 0.5'		10:45	G	Solid			C	X		X		DUP = Duplicate
58	B-23 @ 2.5'		10:45	G	Solid			C					EB = Equipment Blank
59	B-24 @ 0.5'		10:50	G	Solid			C	X		X		
60	B-24 @ 2.5'		10:50	G	Solid			C					
61	B-25 @ 0.5'		10:55	G	Solid			C	X		X		
62	B-25 @ 2.5'		10:55	G	Solid			C					
63	B-26 @ 0.5'		11:00	G	Solid			C			X		
64	B-26 @ 2.5'		11:00	G	Solid			C					
65	B-27 @ 0.5'		11:05	G	Solid			C			X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	PLACEWORKS	10/3 12:05	PLACEWORKS		10/3/23 1600	EET DA
2		10.3.23 1630	EET CA		10/4/23 0935	ET
3		Date/Time:	Company		Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 SCI2

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: MILES BARKER	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:

Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:	
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS	
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No	
Phone: 909-579-9161(Tel)	PO #:	
Email: mwatson@placeworks.com	WO #:	
Project Name: ~~Nicholas Elementary School Sacramento City USD~~ SCUSD-0.80	Project #: ~~37016158~~	
Site: OAK RIDGE ELEMENTARY SCHOOL	SSOW#:	

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	MS/MSD	8081A Pesticides EPA 5081A	8010B - Arsenic and Lead	8082 PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	D	N		
				~~Water~~						1	C = COMPOSITE
				~~Water~~						2	SAMPLE
66 B-27 @ 2.5'	10/3	11:05	G	SOIL			C				EB = EQUIPMENT
EB 10.03.23	↓	11:15		WATER							BLANK
67 ER 10.03.23		11:15		WATER							

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/3 12:05	PLACEWORKS	[signature]	10/3/23 1605	EETC
Relinquished by: [signature]	Date/Time: 10.3.23 1630	Company EETC	Received by: [signature]	Date/Time: 10/4/23 0935	Company EC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.3/1.2 SCI'S

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-155226-3

Login Number: 155226
List Number: 1
Creator: Gutierrez, Rebecca

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764

Generated 11/7/2023 3:56:01 PM

JOB DESCRIPTION

SCUS-08.0

JOB NUMBER

570-155379-2

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization

Generated
11/7/2023 3:56:01 PM

Authorized for release by
Lori Thompson, Project Manager I
Lori.Thompson@et.eurofinsus.com
(657)212-3035

Table of Contents

Definitions/Glossary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-2

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-155379-2

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-155379-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/5/2023 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-2

Client Sample ID: B-56 @ 0.5'

Lab Sample ID: 570-155379-25

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	24.5		1.00		mg/L	1		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-2

Method: SW846 6010B - Metals (ICP) - STLC Citrate

Client Sample ID: B-56 @ 0.5'
Date Collected: 10/04/23 10:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-25
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	24.5		1.00		mg/L		11/03/23 14:50	11/06/23 19:35	1

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-379322/1-B
Matrix: Solid
Analysis Batch: 381018

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 380221

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00		mg/L		11/03/23 14:50	11/06/23 19:18	1

Lab Sample ID: LCS 570-379322/2-B
Matrix: Solid
Analysis Batch: 381018

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate
Prep Batch: 380221

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			20.0	18.61		mg/L		93	80 - 120		

Lab Sample ID: LCSD 570-379322/3-B
Matrix: Solid
Analysis Batch: 381018

Client Sample ID: Lab Control Sample Dup
Prep Type: STLC Citrate
Prep Batch: 380221

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			20.0	18.68		mg/L		93	80 - 120	0	20

QC Association Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-2

Metals

Leach Batch: 379322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-25	B-56 @ 0.5'	STLC Citrate	Solid	CA WET Citrate	
LB 570-379322/1-B	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 570-379322/2-B	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 570-379322/3-B	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 380221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-25	B-56 @ 0.5'	STLC Citrate	Solid	Dilution	379322
LB 570-379322/1-B	Method Blank	STLC Citrate	Solid	Dilution	379322
LCS 570-379322/2-B	Lab Control Sample	STLC Citrate	Solid	Dilution	379322
LCSD 570-379322/3-B	Lab Control Sample Dup	STLC Citrate	Solid	Dilution	379322

Analysis Batch: 381018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-155379-25	B-56 @ 0.5'	STLC Citrate	Solid	6010B	380221
LB 570-379322/1-B	Method Blank	STLC Citrate	Solid	6010B	380221
LCS 570-379322/2-B	Lab Control Sample	STLC Citrate	Solid	6010B	380221
LCSD 570-379322/3-B	Lab Control Sample Dup	STLC Citrate	Solid	6010B	380221

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-2

Client Sample ID: B-56 @ 0.5'
Date Collected: 10/04/23 10:30
Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.24 g	500 mL	379322	11/01/23 12:37	BG9Y	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	380221	11/03/23 14:50	K1UV	EET CAL 4
STLC Citrate	Analysis	6010B		1			381018	11/06/23 19:35	P1R	EET CAL 4
	Instrument ID:	ICP10								

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-2

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24

Method Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	EET CAL 4
Dilution	Preparation / Dilution Process	None	EET CAL 4

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Job ID: 570-155379-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-155379-25	B-56 @ 0.5'	Solid	10/04/23 10:30	10/05/23 09:40

Lori Thompson

From: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Sent: Tuesday, October 31, 2023 1:24 PM
To: Lori Thompson
Subject: RE: Eurofins Calscience report and EDD files from 570-155226-2 Oak Ridge Elementary School / SCUS-08.0

Follow Up Flag: Follow up
Flag Status: Flagged

Lori,
No further analyses for OCPs (dieldrin). However, we would like to have Samples B-16 and B56 analyzed for STLC and TCLP for lead. We don't need a rush turnaround.
Thank you,
Cathy

From: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Sent: Thursday, October 26, 2023 3:06 PM
To: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Subject: RE: Eurofins Calscience report and EDD files from 570-155226-2 Oak Ridge Elementary School / SCUS-08.0

No worries, Cathy, these are not scheduled for disposal until end of next week. I'll check in with you next week for an update. Thank you!

Lori Thompson (she/her)
Client Services Dept. Manager - Project Management

Learn more about eCOC – our NEW electronic COC application

Eurofins Environment Testing Southwest, LLC
2841 Dow Avenue, Suite 100
Tustin, CA 92780

Direct: 657-212-3035
Mobile: 714-620-9205
Lab: 714-895-5494

Lori.Thompson@ET.EurofinsUS.com
www.EurofinsUS.com/Env

Lori Thompson

From: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Sent: Wednesday, November 1, 2023 2:40 PM
To: Lori Thompson
Subject: RE: Eurofins Calscience report and EDD files from 570-155379-2 Oak Ridge Elementary School / SCUS-08.0

Sure, thank you,
Cathy

From: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Sent: Wednesday, November 01, 2023 2:25 PM
To: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Subject: RE: Eurofins Calscience report and EDD files from 570-155379-2 Oak Ridge Elementary School / SCUS-08.0

Cathy,

We don't have enough sample volume for B-56 STLC and TCLP. We only have 55g of sample for both STLC and TCLP. Do you want us to perform STLC for this sample only (STLC needs 50g)?

Lori Thompson (she/her)
Client Services Dept. Manager - Project Management

Eurofins Environment Testing Southwest, LLC
2841 Dow Avenue, Suite 100
Tustin, CA 92780

Direct: 657-212-3035
Mobile: 714-620-9205
Lab: 714-895-5494

Lori.Thompson@ET.EurofinsUS.com
www.EurofinsUS.com/Env

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Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Filtered Sample (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:								
1	B-44 @ 0.5'	10/4	7:45	G	Solid		C					C = Composite Sample
2	B-44 @ 2.5'		7:45	G	Solid		C					D = Discrete Sample; - Sample will be archived for possible future analysis
3	B-45 @ 0.5'		7:40	G	Solid		C					DUP = Duplicate
4	B-45 @ 2.5'		7:40	G	Solid		C					EB = Equipment Blank
5	B-46 @ 0.5'		7:35	G	Solid		C					
6	B-46 @ 2.5'		7:35	G	Solid		C					
7	B-47 @ 0.5'		7:30	G	Solid		C					
8	B-47 @ 2.5'		7:50	G	Solid		C					
9	B-48 @ 0.5'		7:25	G	Solid		C					
10	B-48 @ 2.5'		7:20	G	Solid		C					
11	B-49 @ 0.5'	↓	12:10	G	Solid		C					

570-155379 Chain of Custody

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)** ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:
Relinquished by: Miles Barker	Date/Time: 10/4 13:15 Company: PLACEWORKS
Relinquished by:	Date/Time: 10/4/23 1630 Company: EEBL
Relinquished by:	Date/Time: Company
Received by:	Date/Time: 10/4/23 1315 Company: EEBL
Received by:	Date/Time: 10/5/23 0940 Company: EC
Received by:	Date/Time: Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 1.5/1.4 5C/2	

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
12	B-49 @ 2.5'	10/4	12:10	G	Solid			C					C = Composite Sample
13	B-50 @ 0.5'		12:05	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
14	B-50 @ 2.5'		12:05	G	Solid			C					DUP = Duplicate
15	B-51 @ 0.5'		12:00	G	Solid			C					EB = Equipment Blank
16	B-51 @ 2.5'		12:00	G	Solid			C					
17	B-52 @ 0.5'		11:55	G	Solid			C					
18	B-52 @ 2.5'		11:55	G	Solid			C					
19	B-53 @ 0.5'		11:50	G	Solid			C					
20	B-53 @ 2.5'		11:50	G	Solid			C					
21	B-54 @ 0.5'		8:00	G	Solid			C					
22	B-54 @ 2.5'		8:00	G	Solid			C					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/4 13:15	PLACEWORKS	[signature]	10/4/23 1315	GTSRC
2	[signature]	10/4/23 1630	EETSac	[signature]	10/5/23 0940	ET
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5 / 1.4 5C12

Ver: 01/16/2019

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 30 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Filtered Sample (Y or N)	MS/MSD (Y/N)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
23	B-55 @ 0.5'	10/4	10:05	G	Solid			C			X		C = Composite Sample
24	B-55 @ 2.5'		10:05	G	Solid			C					D = Discrete Sample; - Sample will be archived for possible future analysis
25	B-56 @ 0.5'		10:30	G	Solid			C			X		DUP = Duplicate
26	B-56 @ 2.5'		10:30	G	Solid			C					EB = Equipment Blank
27	B-57 @ 0.5'		10:25	G	Solid			C			X		
28	B-57 @ 2.5'		10:25	G	Solid			C					
29	B-58 @ 0.5'		10:20	G	Solid			C			X		
30	B-58 @ 2.5'		10:20	G	Solid			C					
31	B-59 @ 0.5'		10:15	G	Solid			C			X		
32	B-59 @ 2.5'		10:15	G	Solid			C					
33	B-60 @ 0.5'		10:10	G	Solid			C			X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Miles Barker	10/4 13:15	PWLA		10/4/23 1315	EETSM
2		10/4/23 1630	EETDL		10/5/23 0940	EC
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5 / 1.4 SCR

Ver: 01/16/2019

155379

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
34	B-60 @ 2.5'	10/4	10:10	G	Solid			C					C = Composite Sample
35	T-2 @ 0.5'		8:45	G	Solid				X				D = Discrete Sample; - Sample will be archived for possible future analysis
36	T-2 @ 2.5'		9:45	G	Solid								DUP = Duplicate
37	A-1 @ 0.5'		11:15	G	Solid			C		X	X		EB = Equipment Blank
38	A-1 @ 2.5'		11:15	G	Solid								
39	A-1 DUP @ 0.5'		11:20	G	Solid			C		X	X		
40	A-1 DUP @ 2.5'		11:20	G	Solid								
41	A-6 @ 0.5'		8:35	G	Solid			C		X	X		
42	A-6 @ 2.5'		8:35	G	Solid								
43	A-6 DUP @ 0.5'		8:40	G	Solid			C		X	X		
44	A-6 DUP @ 2.5'		8:40	G	Solid								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/4 13:15	PLACEWORKS	[signature]	10/4/23 1315	EFTSM
2	[signature]	10/4/23 1630	EFTSM	[signature]	10/5/23 0940	ET
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5/1.4 SCI2

Ver: 01/16/2019

155379

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:	Analysis Requested		Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			Preservation Codes:
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			Other:
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
45	A-2 @ 0.5'	10/4	9:30	G	Solid			C		X	X		C = Composite Sample
46	A-2 @ 2.5'		9:30	G	Solid								D = Discrete Sample; - Sample will be archived for possible future analysis
47	A-3 @ 0.5'		9:25	G	Solid			C		X	X		DUP = Duplicate
48	A-3 @ 2.5'		9:25	G	Solid								EB = Equipment Blank
49	A-4 @ 0.5'		9:15	G	Solid			C		X	X		
50	A-4 @ 2.5'		9:15	G	Solid								
51	A-5 @ 0.5'		9:10	G	Solid			C		X	X		
52	A-5 @ 2.5'		9:10	G	Solid								
53	A-7 @ 0.5'		9:00	G	Solid			C		X	X		
54	A-7 @ 2.5'		9:00	G	Solid								
55	A-8 @ 0.5'		9:05	G	Solid			C		X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: [signature]	Date/Time: 10/4 13:15	Company: PLACEWORKS	Received by: [signature] Date/Time: 10/4/23 1315 Company: EETSAC
Relinquished by: [signature]	Date/Time: 10/4/23 1630	Company: EETSAC	Received by: [signature] Date/Time: 10/5/23 0940 Company: EETSAC
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5/1.4 SCR

Ver: 01/16/2019

155379

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone (714) 895-5494

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Mike Watson	Phone: (909) 579-9161	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page:
Company: PlaceWorks, Inc.	PWSID:			Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			
City: Ontario	TAT Requested (days): ~~10 days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0			
Email: mwatson@placeworks.com	WO #:			
Project Name: SCUS-08.0	Project #:			
Site: Oak Ridge Elementary School	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Y or N)	Perform MS/MSD (Y or N)	EPA 8081A	EPA 8082	EPA 6010B	EPA 6010B Lead	Total Number of containers	Special Instructions/Note:
				Preservation Code:									
56	A-8 @ 2.5'	10/4	9:05	G	Solid								C = Composite Sample
57	EB 10.04.23	↓	12:20		WATER			X	X	X	X		D = Discrete Sample; - Sample will be archived for possible future analysis
	EB 10.04.23	↓	12:20		WATER			X	X		X		DUP = Duplicate
													EB = Equipment Blank

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miles Barker	10/4 13:15	PLACEWORKS		10/4/23 1315	EETSMC
2		10/4/23 1630	EETSMC		10/5/23 0940	EC
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.5/1.4 SC12

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-155379-2

Login Number: 155379
List Number: 1
Creator: Gutierrez, Rebecca

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	False	Refer to Job Narrative for details.
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764

Generated 11/10/2023 9:49:25 AM

JOB DESCRIPTION

Oak Ridge ES

JOB NUMBER

570-159614-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization

Generated
11/10/2023 9:49:25 AM

Authorized for release by
Lori Thompson, Project Manager I
Lori.Thompson@et.eurofinsus.com
(657)212-3035

Table of Contents

Definitions/Glossary

Client: PlaceWorks, Inc.
Project/Site: Oak Ridge ES

Job ID: 570-159614-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-159614-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-159614-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/7/2023 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Oak Ridge ES

Job ID: 570-159614-1

Client Sample ID: B-16 @ 0.5'

Lab Sample ID: 570-159614-1

No Detections.

Client Sample ID: B-56 @ 0.5'

Lab Sample ID: 570-159614-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	0.791		0.500		mg/L	1		6010B	TCLP

This Detection Summary does not include radiochemical test results.

Client: PlaceWorks, Inc.
Project/Site: Oak Ridge ES

Job ID: 570-159614-1

Method: SW846 6010B - Metals (ICP) - TCLP

Client Sample ID: B-16 @ 0.5'
Date Collected: 11/06/23 10:50
Date Received: 11/07/23 09:30

Lab Sample ID: 570-159614-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.500		mg/L		11/09/23 09:15	11/09/23 15:50	1

Client Sample ID: B-56 @ 0.5'
Date Collected: 11/06/23 11:00
Date Received: 11/07/23 09:30

Lab Sample ID: 570-159614-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	**0.791**		0.500		mg/L		11/09/23 09:15	11/09/23 15:53	1

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-381673/1-B
Matrix: Solid
Analysis Batch: 382203

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 381991

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.500		mg/L		11/09/23 09:15	11/09/23 15:30	1

Lab Sample ID: LCS 570-381673/2-B
Matrix: Solid
Analysis Batch: 382203

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 381991

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			2.00	2.015		mg/L		101	80 - 120		

Lab Sample ID: LCSD 570-381673/3-B
Matrix: Solid
Analysis Batch: 382203

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 381991

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			2.00	1.996		mg/L		100	80 - 120	1	20

QC Association Summary

Client: PlaceWorks, Inc.
Project/Site: Oak Ridge ES

Job ID: 570-159614-1

Metals

Leach Batch: 381673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-159614-1	B-16 @ 0.5'	TCLP	Solid	1311	
570-159614-2	B-56 @ 0.5'	TCLP	Solid	1311	
LB 570-381673/1-B	Method Blank	TCLP	Solid	1311	
LCS 570-381673/2-B	Lab Control Sample	TCLP	Solid	1311	
LCSD 570-381673/3-B	Lab Control Sample Dup	TCLP	Solid	1311	

Prep Batch: 381991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-159614-1	B-16 @ 0.5'	TCLP	Solid	3010A	381673
570-159614-2	B-56 @ 0.5'	TCLP	Solid	3010A	381673
LB 570-381673/1-B	Method Blank	TCLP	Solid	3010A	381673
LCS 570-381673/2-B	Lab Control Sample	TCLP	Solid	3010A	381673
LCSD 570-381673/3-B	Lab Control Sample Dup	TCLP	Solid	3010A	381673

Analysis Batch: 382203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-159614-1	B-16 @ 0.5'	TCLP	Solid	6010B	381991
570-159614-2	B-56 @ 0.5'	TCLP	Solid	6010B	381991
LB 570-381673/1-B	Method Blank	TCLP	Solid	6010B	381991
LCS 570-381673/2-B	Lab Control Sample	TCLP	Solid	6010B	381991
LCSD 570-381673/3-B	Lab Control Sample Dup	TCLP	Solid	6010B	381991

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Oak Ridge ES

Job ID: 570-159614-1

Client Sample ID: B-16 @ 0.5'

Lab Sample ID: 570-159614-1

Date Collected: 11/06/23 10:50

Matrix: Solid

Date Received: 11/07/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.39 g	2000 mL	381673	11/08/23 13:10	BG9Y	EET CAL 4
TCLP	Prep	3010A			5 mL	50 mL	381991	11/09/23 09:15	BG9Y	EET CAL 4
TCLP	Analysis	6010B		1			382203	11/09/23 15:50	P1R	EET CAL 4
	Instrument ID:	ICP11								

Client Sample ID: B-56 @ 0.5'

Lab Sample ID: 570-159614-2

Date Collected: 11/06/23 11:00

Matrix: Solid

Date Received: 11/07/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.36 g	2000 mL	381673	11/08/23 13:10	BG9Y	EET CAL 4
TCLP	Prep	3010A			5 mL	50 mL	381991	11/09/23 09:15	BG9Y	EET CAL 4
TCLP	Analysis	6010B		1			382203	11/09/23 15:53	P1R	EET CAL 4
	Instrument ID:	ICP11								

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Project/Site: Oak Ridge ES

Job ID: 570-159614-1

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24

Method Summary

Client: PlaceWorks, Inc.
Project/Site: Oak Ridge ES

Job ID: 570-159614-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
1311	TCLP Extraction	SW846	EET CAL 4
3010A	Preparation, Total Metals	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: PlaceWorks, Inc.
Project/Site: Oak Ridge ES

Job ID: 570-159614-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-159614-1	B-16 @ 0.5'	Solid	11/06/23 10:50	11/07/23 09:30
570-159614-2	B-56 @ 0.5'	Solid	11/06/23 11:00	11/07/23 09:30

880 Riverside Parkway
West Sacramento, CA 95605
Phone (916) 373-5600 Phone (916) 372-1059

Chain of Custody Record

eurofins | Er

Loc: 570
159614

Client Information	Sampler: Miles Barker	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No:
Client Contact: Cathy Fitzgerald	Phone:	E-Mail: Lori.Thompson@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: PlaceWorks, Inc.	PWSID:			Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested:			
City: Ontario	TAT Requested (days): ~~10 Days~~ 3 DAYS			
State, Zip: CA, 91764	Compliance Project: Δ Yes Δ No			
Phone:	PO #:			
Email: cfitzgerald@placeworks.com	WO #:			
Project Name: ~~Nichols Elementary~~ OAK RIDGE ES	Project #: ~~57010136~~			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Y - Trizma
Other:	Z - other (specify)

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	6010B_Pb_Only	TCLP - Pb	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N			
Bottom ~~Sample~~ 0.5' B-16 @ 0.5'	11/6	10:50	grab	soil		X	X	1	
Side ~~Sample~~ 0.5' B-56@ 0.5'	11/6	10:00	grab	soil		X	X	1	
Sidewall ~~Sample~~ 0.5'			~~grab~~	~~soil~~				1	
Sidewall ~~Sample~~ 0.5'			~~grab~~	~~soil~~				1	
Sidewall ~~Sample~~ 0.5'			~~grab~~	~~soil~~				1	

570-159614 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11/6 11:30			11-6-23 1130	EETCA
2		11-6-23 1630	EETCA			
3					11/7/23 9:30	EC

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1/2.0 SC 12

11/10/2023

Lori Thompson

From: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Sent: Wednesday, November 8, 2023 7:40 AM
To: Lori Thompson
Subject: RE: Eurofins Calscience Sample Login Confirmation files from 570-159614-1 Oak Ridge ES

Lori,
Those two samples were supposed to be normal turnaround. I think Miles might have forgotten to remove the 3-day TAT on the COC,
Thanks,
Cathy

From: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Sent: Tuesday, November 07, 2023 6:36 PM
To: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Subject: Eurofins Calscience Sample Login Confirmation files from 570-159614-1 Oak Ridge ES

Hello,

Attached, please find the Sample Confirmation files for job 570-159614-1; Oak Ridge ES.

3-day rush TAT is not available for TCLP as the leaching procedure requires extended prep time. 5-day rush is the quickest TAT possible.

Please feel free to contact me if you have any questions.

Thank you.

Lori Thompson
Project Manager

Eurofins Calscience
Phone: 657-212-3035
Mobile: 714-620-9205

E-mail: Lori.Thompson@et.eurofinsus.com
www.eurofinsus.com/env

ORIGIN ID:BLU
TEST AMERICA
EUROFINS TESTAM
880 RIVERSIDE PA

WEST SACRAMENTO,
UNITED STATES US

SHIP DATE: 06NOV23
ACTWGT: 43.00 LB
CAD: 852262/CAFE3755

BILL SENDER

TO SHIPPING/RE ING
EUROFINS ENVIRONMENT TESTING SOUTHW
2841 DOW AVENUE, SUITE 100

TUSTIN CA 92780
(714) 895-5494
PO: YES

REF: SEND OUTS

FedE
Expre

TRK# 0201 6201 1515 5275

TUE - 07 NOV 10:30
PRIORITY OVERNIGH

92 DTHA

9278
CA-US SN

570-159614 Waybill

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-159614-1

Login Number: 159614
List Number: 1
Creator: Yu, Tiffany

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Attachment B

Waste Manifest

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC003264852	1	(916) 395-3970	018936276 FLE

GENERATOR

5. Generator's Name and Mailing Address
Sacramento City Unified School District
425 1st Avenue
Sacramento, CA 95818
Generator's Phone: (916) 395-3970

Generator's Site Address (if different than mailing address)
Oak Ridge Elementary School
4501 Martin L. King Jr. Blvd
Sacramento, CA 95820

6. Transporter 1 Company Name: BELSHIRE — U.S. EPA ID Number: CAR000183913

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
U.S. Ecology, Nevada Operations
Highway 95, 11 miles S. of Beatty
Beatty, NV 89003
Facility's Phone: (775) 553-2201
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA Hazardous Waste, Solid (Soil impacted with Lead)	4	DM	2,400	P	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG #171
Soil impacted with Lead
WEAR ALL APPROPRIATE PROTECTIVE CLOTHING
BESI:361407
PROFILE # 070331654-1
4X55

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ISAAC WHITE — Signature: [signature] — Month: 1 Day: 4 Year: 24

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Darnell Parks — Signature: [signature] — Month: 1 Day: 4 Year: 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H135			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Sarah Dixon — Signature: [signature] — Month: 10 Day: 17 Year: 24

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. 4501MART/3425025 DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Appendix E. Public Participation Notices

Appendix

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Sacramento City Unified School District

FACILITIES SUPPORT SERVICES
425 1st Avenue • Sacramento, CA 95818

Lisa Allen, Interim Superintendent
Jesse Castillo, Assistant Superintendent
Chris Ralston, Director III

September 25, 2023

TO: Neighbors Near Proposed Oak Ridge Elementary School Rebuild
FROM: Sacramento City Unified School District
RE: Preliminary Environmental Assessment Investigation at Oak Ridge Elementary School at 4501 Martin Luther King Jr. Blvd, Sacramento

We would like to provide you with advance notice of an environmental investigation, which will be conducted at the Oak Ridge Elementary School located at 4501 Martin Luther King Jr. Boulevard in Sacramento, California. Demolition of the old buildings and construction of a new elementary school is proposed by Sacramento City Unified School District.

The investigation will be performed by a licensed contractor under the oversight of the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC). The investigation will consist of soil sampling with a drill truck for possible residual pesticides from historic agricultural usage of the site, possible residual termiticides, lead and polychlorinated biphenyls from older buildings slated for demolition, and polychlorinated biphenyls from transformers on and adjacent to the site. Although an environmental assessment will be conducted, this does not mean hazardous substances are located on this property.

Fieldwork is scheduled to commence on October 3, 2023 and is expected to take three days to complete. All fieldwork will be conducted during normal business hours. Street closures will not be necessary during the investigation.

The District will submit the results of the investigation in a Preliminary Environmental Assessment (PEA) as a draft to the DTSC for review and approval of a final draft. The PEA will include an assessment of whether hazardous materials are present and, if so, whether the materials are present in concentrations that would require some type of cleanup. The draft PEA will be placed in a public repository for a 30-day public comment period and the District will hold a public hearing to discuss the investigation results, and will take public comment. All comments received in this process shall be forwarded to DTSC for consideration. When the public participation process is complete, DTSC will issue a final determination with regard to the PEA.

If you have any questions concerning the upcoming soil investigation or other activities at the proposed school site, please contact Mr. Chris Ralston at Sacramento City Unified School District at 916.643.7400 or Letitia Shen, DTSC Project Manager at 916.255.3744.

Chris Ralston
Director III
Facilities Management, Maintenance and Operations, and Resource Management

ICS Distributed the PEA Notices to the residents
marked by ● on 9/26/2023
Left at door ✗
Given to resident ✓

4 ✓ 3 ✗ 2 ✗ 1 ✗

5 ✗ 6 ✗ 7 ✗ 8 ✓

9 ✗ 10 ✗ 11 ✗ 12 ✗

13 ✗ 14 ✗ 15 ✗ 16 ✗

4601
A ✗
B ✗
C ✗
D ✗

4602
A ✗ D ✓
B ✓
C ✗

WORK NOTICE

Site Investigation Field Activities

Fieldwork activities related to an environmental investigation are scheduled for three days: October 3, 4, and 5, 2023. The investigation will be performed by a licensed contractor under the oversight of the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC).

All fieldwork will be conducted during normal business hours. Street closures will not be necessary during the investigation. The investigation consists of soil sampling with a drill truck for possible residual pesticides from historic agricultural usage and the potential for lead-based paint, termiticides, and polychlorinated biphenyls around buildings that predate 1978. Although an environmental assessment will be conducted, this does not mean that hazardous substances are located on this property. The Preliminary Environmental Assessment will determine whether hazardous substances exist at the site, and whether they exist at levels requiring clean-up activities.

If you have any questions concerning the upcoming soil investigation or other activities at the school site, please contact Mr. Chris Ralston at Sacramento City Unified School District at 916.643.7400 or Letitia Shen, DTSC Project Manager at 916.255.3744.

PUBLIC NOTICE
PUBLIC COMMENT PERIOD
PRELIMINARY ENVIRONMENTAL ASSESSMENT REPORT

The Sacramento City Unified School District (SCUSD) has prepared a Preliminary Environmental Assessment (PEA) Report in accordance with Education Code section 17213.1, subdivision (a)(4)(B). The SCUSD has submitted the PEA Report to the Department of Toxic Substances Control (DTSC) for review and has chosen to make the PEA Report available for public review and comment pursuant to Education Code section 17213.1, subdivision (a)(4)(B).

Project Designation:
Oak Ridge Elementary School Rebuild Project
4501 Martin Luther King Jr. Boulevard, Sacramento, California 95820

Project Location:
The 7.77-acre site of Oak Ridge Elementary School is located at 4501 Martin Luther King Jr. Boulevard, Sacramento, California 95820, in the City of Sacramento, Sacramento County, California. SCUSD plans to fully redesign and reconstruct the project site. The rebuild project will include a new multipurpose building, three classroom buildings for grades 1 through 6, a classroom kindergarten building, and a pre-school and TK building on the eastern portion of the campus site. The western portion of the campus will contain hardscape courts and a turf field area. Nicholas Elementary School students and staff are currently occupying the site while construction of the new buildings occur on the eastern portion of the site. Once completed, the students and staff will move to the new facilities while the hardcourts and playfields are constructed on the western portion of the site.

Description of Assessment:
The PEA investigation was conducted at the site to determine if any hazardous materials were released to the site during past activities. The PEA Report summarizes the results of the environmental investigation and makes recommendations for additional characterization of Site soils through a Supplemental Site Investigation.

The PEA and Supporting Documents are available for review at the following locations:
Sacramento City Unified School District Facilities Office: 425 1st Avenue, Sacramento, CA 95818, P: 916-395-3970, call for appointment; **DTSC Office**: 8800 Cal Center Drive, Sacramento, California 95826, P: 916-255-3758, call for appointment. They will also be available at the District's website: https://www.scusd.edu/pea-oakridge and at: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60003543 under Community Involvement.

Public Comment Period:
The public comment period for the draft PEA Report begins on March 22, 2024 and concludes on April 22, 2024. Written comments on the draft PEA Report will be accepted during this public comment period. Please mail comments on the "Oak Ridge Elementary School Rebuild PEA Report" to: Nathaniel Browning, Director of Capital Projects, 425 1st Avenue, Sacramento, CA 95818. Email comments to nathaniel-browning@scusd.edu.

PEA Meeting:
SCUSD will conduct a public hearing for the Oak Ridge Elementary School Rebuild PEA Report on April 15, 2024 at 12:00 pm. At this time, the meeting will be open to receiving any comments on the PEA Report.