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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Prepared by:

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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

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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.

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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.

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Roseville International Airport Citrus Heights Rio Linda Airport McClellan Airfield Rancho Cordova Sacramento Sacramento Mather Airport 50 West Sacramento Project Site Executive Airport Unincorporated Sacramento County Elk Grove

Figure 1 - Regional Location

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



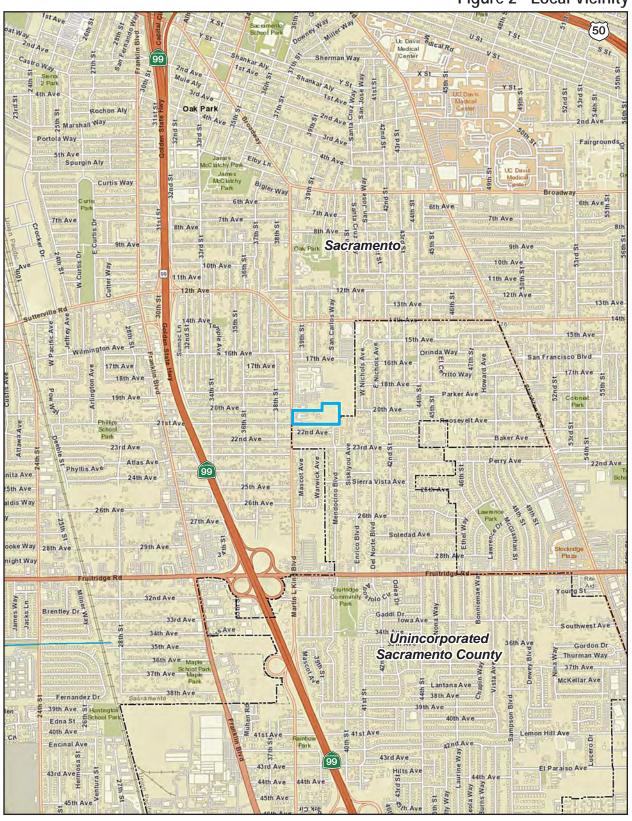
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Scale (Miles)

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Figure 2 - Local Vicinity

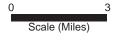


Oak Ridge Elementary School Boundary

---- City Boundaries

Note: Unincorporated county areas are shown in white.

Source: Generated using ArcMap 2023.





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Figure 3 - Aerial Photograph



Source: NearMap 2023.

---- City Boundaries

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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

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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

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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.

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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

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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.

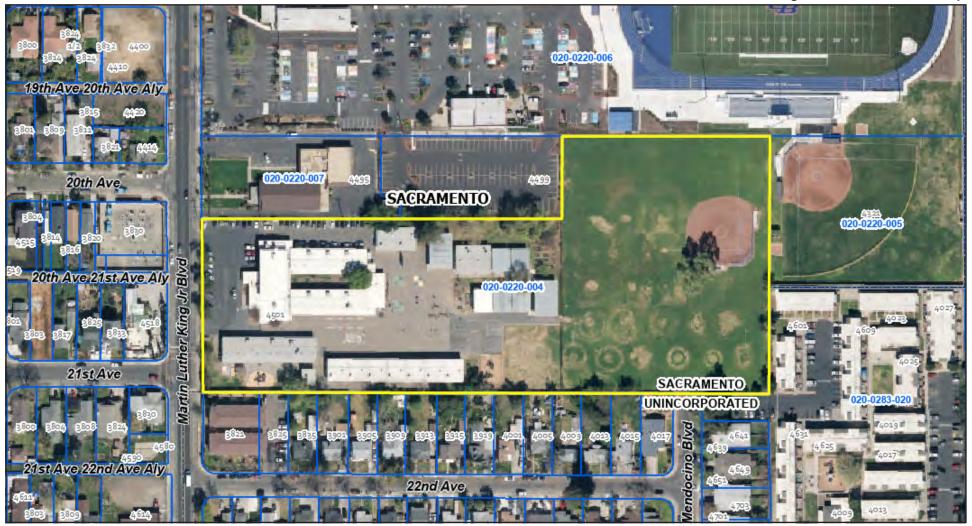
2.1 PEA OBJECTIVES

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:

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Figure 4 - APN Parcel Map



Oak Ridge Elementary School Boundary

Parcel Lines

Source: Sacramento County 2024, Assessor Parcel Viewer.





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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.

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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 ½-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 ½-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.

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- 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,

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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.

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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.

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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.

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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 38.53402° north latitude and 121.46275° west longitude, in a portion of Section 20 of Township 8 North, Range 5 East of the Mount Diablo Base Line and Meridian.

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Building-Targeted Soil Samples

- Not Adjacent to Windows and/or Below Hardscape (17)

Figure 5 - Sampling Locations



Building-Targeted Soil Samples (43)

В-Х

---- City Boundaries

Source: NearMap 2023.

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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 Ashestos (California Division of Mines and Geology 2000) and Reported Historic Ashestos Mines, Historic Ashestos Prospects, and Other Natural Occurrences of Ashestos 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 ashestos (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:

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- **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

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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.

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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

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4. Site History and Background Information

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.

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PlaceWorks

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 pipeline: from 10 to 16 inches in diameter, along Martin Boulevard and others within 1,500 feet of the si evaluated in the Pipeline Safety Hazard Assessme September 2023).			
Railroad tracks:	No railroad tracks were identified within 1,500 feet of the site.		

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4. Site History and Background Information

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PlaceWorks

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.

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5. Apparent Problem

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PlaceWorks

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 38.53402° north latitude and 121.46276° 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.

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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 Ashestos (CGS 2000) and Reported Historic Ashestos Mines, Historic Ashestos Prospects, and Other Natural Occurrences of Ashestos in California (Van Gosen and Clinkenbeard 2011), no known naturally occurring serpentine rock or rock formations—which may contain significant quantities of ashestos—are within 10 miles of the project site. Therefore, the site is unlikely to have naturally occurring ashestos (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.

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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.

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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.

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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.

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- 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, Sampling 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

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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 (GeoprobeTM). The GeoprobeTM 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 TeflonTM sheeting and polyethylene caps leaving no headspace and wrapping the samples with ParafilmTM tape or placing them in sealable plastic bags. Field logs and photos are provided in Appendix B.

At locations that were inaccessible by the GeoprobeTM 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

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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.

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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

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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.

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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

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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.

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Receptor **POTENTIAL POTENTIAL POTENTIAL PRIMARY POINT OF Exposure RELEASE SECONDARY RELEASE SOURCES EXPOSURE** Route Site **SOURCES MECHANISM MECHANISM Students** Staff **Visitors** Ingestion Historic Direct Soil Application Agricultural Use Inhalation Dermal Contact Airborne **Building Structures** Direct **Particulate** Air (OCPs from Termiticides) Application Matter 0 0 0 Inhalation **Building Structures** Volatile Indoor Weathering Soil (Lead from LBP) **Emissions** Air 0 0 0 Ingestion 0 0 0 Inhalation **Dermal** 0 0 0 **Building Structures** Infiltration/ Ground Weathering Contact (PCBs from Caulking) Percolation Water 0 0 0 Ingestion Surface \bigcirc \bigcirc \bigcirc Inhalation **Transformers Storm Water** Leaks Water and (PCBs) Runoff **Sediments** Dermal 0 0 0 Contact

Figure 6 - Conceptual Site Model

- Complete Exposure Pathway
- Incomplete Exposure Pathway

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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

¹Technical chlordane is the sum of the maximum values of cis-chlordane (0.14 mg/kg) and transchlordane (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.

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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.

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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.

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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.

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9. Ecological Screening Evaluation

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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.

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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

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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.

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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.

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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.,	Y	<u>4.4-υυς</u> Υ	
laboratory, client, and sample identifications;	ı	ı	
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)			
Reporting Limit (RL)	Y 3.0 mg/kg	Y 0.005 mg/kg	
Chain of Custody	Υ	Υ	
Sample Containers and Conditions	Υ	Υ	
Holding Time (<28 days)	Υ	Υ	
Sample Preservation	Υ	Υ	
Equipment Rinseate Blanks	Υ	Υ	
Field Duplicates	Υ	Υ	
Field QC Samples – Others	NA	NA	
Surrogate Recoveries	NA	Υ	
Method Blanks	Υ	Υ	
LCS % Recovery	Υ	Υ	
MS/MSD % Recovery	Υ	Υ	
MS/MSD % RPD	Y	Υ	
Laboratory Duplicates	Υ	Υ	
Laboratory QC Samples – Others	NA	NA NA	
Compound Identification	Y	Υ	
Compound Quantitation	Y	Υ	
Dilution Factors	Y	Y	
Data Qualifiers	Y	Y	
Confirmation of Positive Samples	NA NA	NA NA	
Observations of Significance	NA V	NA NA	
Case Narrative	Y	Y	
Instrument Tuning	NA	NA Lab	
Initial Calibration	Lab	Lab	

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ACCEPTABILITY				
QUALITY INDICATOR	SOIL	SOIL		
	EPA Method 6010B	EPA Method 8081A		
	Target Analyte:	Target Analyte:		
	Arsenic	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

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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.

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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 GeoprobeTM 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.

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12. Field Variances

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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

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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 predating 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:

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- 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.

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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.

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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.



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15. Signature and Qualifications of PEA Preparers

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Tables

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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' 2.5' - 3.0'	Former Agriculture	C -		2D (A-1, A-6)	2D (A-1, A-6)
A-1 DUP, A-6 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate	C DUP		D DUP (A-1 DUP)	2D DUP (A-1 DUP, A-6 DUP
A-2, A-3	0' - 0.5'	Former Agriculture	C		2D (A-2, A-3)	2D (A-2, A-3)
A-4, A-5	2.5' - 3.0' 0' - 0.5'	Former Agriculture	- C		- 2D (A-4, A-5)	2D (A-4, A-5)
	2.5' - 3.0' 0' - 0.5'	-			- 2D (A-7, A-8)	2D (A-7, A-8)
A-7, A-8	2.5' - 3.0' 0' - 0.5'	Former Agriculture Existing Building		0D (D 4 D 0 D 0)	-	-
B-1, B-2, B-3	2.5' - 3.0'	Predating 1978	C C	3D (B-1, B-2, B-3) -		3D (B-1, B-2, B-3) -
B-4, B-5, B-6	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-4, B-5, B-6)		3D (B-4, B-5, B-6)
B-7, B-8	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	2D (B-7, B-8)		2D (B-7, B-8)
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' 0' - 0.5'	Existing Building	C DUP C	- 2D (B-9, B-10)		2D (B-9, B-10)
B-9, B-10	2.5' - 3.0'	Predating 1978	С	-		-
B-9 DUP, B-10 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate	C DUP C DUP			2D DUP (B-9 DUP, B-10 DUF
B-11, B-12, B-13	0' - 0.5'	Existing Building	С	3D (B-11, B-12, B-13)		3D (B-11, B-12, B-13)
D 11 D 15	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C	- 2D (B-14, B-15)		2D (B-14, B-15)
B-14, B-15	2.5' - 3.0'	Predating 1978	C	-		-
B-16, B-17, B-18	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-16, B-17, B-18)		3D (B-16, B-17, B-18) -
B-19, B-20, B-21	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	D (B-19)		3D (B-19, B-20, B-21)
B-22, B-23, B-24	0' - 0.5'	Existing Building	С	3D (B-22, B-23, B-24)		3D (B-22, B-23, B-24)
	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C	- D (B-25)		3D (B-25, B-26, B-27)
B-25, B-26, B-27	2.5' - 3.0'	Predating 1978	С	-		-
B-28, B-29, B-30	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-28, B-29, B-30)		3D (B-28, B-29, B-30)
B-31, B-32, B-33	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	2D (B-31, B-32)		3D (B-31, B-32, B-33)
B-34, B-35, B-36	0' - 0.5'	Existing Building	С	-		3D (B-34, B-35, B-36)
	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C			- 3D (B-37, B-38, B-39)
B-37, B-38, B-39	2.5' - 3.0'	Predating 1978	С			-
B-40, B-41, B-42, B-43	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	2D (B-40, B-41)		4D (B-40, B-41, B-42, B-43)
B-44, B-45	0' - 0.5' 2.5' - 3.0'	Existing Building	C C			
B-46, B-47, B-48	0' - 0.5'	Predating 1978 Existing Building	С			
	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C			
B-49, B-50, B-51	2.5' - 3.0'	Predating 1978	С			
B-52, B-53, B-54	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C			
B-55, B-56, B-57	0' - 0.5'	Former Building Predating 1947	C C			3D (B-55, B-56, B-57)
B-58, B-59, B-60	2.5' - 3.0' 0' - 0.5'	Former Building Predating	С			3D (B-58, B-59, B-60)
	2.5' - 3.0' 0' - 0.5'	1947 Pad-Mounted	С	D		-
T-1	2.5' - 3.0'	Transformer		-		
T-1 DUP	0' - 0.5' 2.5' - 3.0'	- Duplicate -		D DUP -		
T-2	0' - 0.5' 2.5' - 3.0'	Pole-Mounted Transformer	<u> </u>	D -		
2 EB	NA 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 Uniffed School District
Sacramento, California

Company 16.19 Fig. 10		1							Concentration	milliorame por	kilogram (mg/k	·a)					
Companie 1.14 1.15								cis-								Heptachlor	L .
Companie No. 19.00 Compani	Sample Number	Sample Location	Sample Date	Aldrin	alpha-BHC	beta-BHC	gamma-BHC	Chordane	Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endrin	Heptachlor	epoxide	Toxaphene
Companie A. A. A. 1925	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
Company In A. S. P. S. Section Files Desire Section Sect	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 1.5 2.5	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 1.6. 2.6 2.6 2.7	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
Companie 16 15 15 15 15 15 15 15	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
Companie R. B.	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 1.5 6.5 6.5 72 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 1.5 6.5 73 73 1.5 6.5 73 73 73 73 73 73 73 7	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 \$7.5 \$6.00 PM \$ 1.00 PM \$ 1	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
Emproved 1-10-18-02-07 Emproved 1-10-18-08-07 Emproved 1-10-18-08-07 Emproved 1-10-18-08-07 Emproved 1-10-18-08-08-08-08-08-08-08-08-08-08-08-08-08	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
Companies B. D. F. S. D. P. S. D.	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 \$8, 10 (1907 Earl stort of man beforing 10 (1907)	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
Companies Bill Bill Bill Bill Bill Bill Bill Bil	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
Description Security Securi	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
Earlier Earl	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
Description Security Description Des	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
Empression 19-18 19-18 19-25 East size of main building 10,00000 0,00000	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
Composite BH, 19, 19, 19, 19, 100 South sole of main hubbring 10,00000 -0,00000	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 Bit Bit Bit Sig 27 Such sisted of mein building 100,0003 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.00000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.00000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.00000 < 0.0000 < 0.0000 < 0.0000 < 0.0000 < 0.0000		East side of main building								< 0.0050							< 0.025
Composite Bit Bit Bit Sig	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 Bills Dist GLE Solt make of main building 10,00020 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,0000 < 0,		South side of main building	10/3/2023			< 0.0050	< 0.0050			< 0.0050	< 0.0050						< 0.025
Composite Bit Bit 7, 1-18 @ 0.8 Southwest take of main building 10,00023 -0,0006 -0,00	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 Bit	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 Bits (DR. Dell' 196.25 Southwest side of math building 10/3/2002 < <	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 191, 1920, 1911 (1912) Southwest size of main building 10-30/022 -0.0090 -0.	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 REC. 803, R84 (8) 0.5 North sele of protable restrooms 103,0003 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.0009 < 0.00	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 BEZ, BEZ (BEZ (BEZ SEZ March and sets also protable restrooms 103/0203 -0.0050 -0.00	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	< 0.025
Composibilité BSS, BBS (BSF (BSF S) North and dest staile portable restronnes 10.03/2003	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 B25, B26, B27 (B2 5) North and east side- portable restrooms 10,03/2023 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,00590 < 0,	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 BESI, BESI, BESI 00 S North sade of portables 105/2022 <-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 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.0050 <-0.	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 B28, B39, B39 (B.5) North side of portables 10,50023 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,0005 < 0,00	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 B31, B32, B33 @ 25 North side of portables 105/2023 < 0.0000	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 B31, 832, 838 (92.9 North side of portables 105/2023	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 B34, B35, B36 @ 2 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 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050		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 @2 5 West side of southwest building 10\s2023 <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 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050	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 B37, B38, B39 @1.5 West side of southwest building 10/5/2023 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090 <0.0090	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 B47, B48, B39, B51 B40, B51 B40, B51 B40, B51 B50, B51	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 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 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050	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 B44, B46 @ D5 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 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 <	Composite B37, B38, B39 @2.5'	,	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, B46 @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 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049	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 B46, B47, B48 @ .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 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 0.0049 < 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 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050	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 B46, B47, B46 @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 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050	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 B48, B57 @ 2.5 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 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <0.0049 <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 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <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 @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 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050		North side of southern portables															< 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 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050																	< 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 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050																	< 0.025
Composite B65, B66, B57@0.5 Former farm house - eastern field 10/4/2023		South and west side of southern portables	10/4/2023												1		< 0.025
Composite BSS, BSG, BST @EF 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 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.005		South and west side of southern portables															< 0.025
Composite B58, B56, 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 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.00																	< 0.025
Composite B88, B89, B80@2.5 Former farm house - easterin 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 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.005																	< 0.025
Maximum Concentration Detected ND																	< 0.025
Concentration micrograms per liter (µg/l)	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
Equipment Blank Concentration micrograms per liter (µg/l)																	
EB1042023	Maximum Concentration Detected			ND	ND	ND	ND	0.14	0.099	ND	0.013	ND	ND*	ND*	ND	0.017	ND
EB1042023	Equipment Blank								Concentra	tion micrograms	s per liter (µa/l)						
EB1052023			10/4/2023	<0.021	<0.0084	<0.032	<0.0084	≤0.021				<0.021	<0.021	<0.021	<0.0084	<0.042	< 0.42
Concentration micrograms per kilogram (mg/kg)																	< 0.42
EPA Region 9 RSL or DTSC-SL RSL or DTSC-S stagisted for 2 samples in composite 0.0195 0.048 0.3 0.57 1.7 1.7 2.3 2 1.9 0.034 0.13 0.07 0.055 0.035 1.55 1.00 0.95 0.017 0.065 0.035 0.035 1.55 0.055 0	LD 100L020	1	10/3/2023	~v.U22	\0.000/	~ v.uaa	\0.000/	~v.uzz				•	~0.022	~0.022	~u.uua/	~U.U44	~0.44
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						0.3			1.7	2.3	2	1.9					0.45
														-			0.225
RSL or DTSC-SL adjusted for 4 samples in composite 0.013 0.029 0.10 0.190 0.57 0.57 0.77 0.67 0.68 0.011 0.043 0.028 0.018 0.029 0.075 0.143 0.43 0.58 0.50 0.48 0.009 0.033 0.018																	0.15 0.1125
														-			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

 $\mathsf{EPA} = \mathsf{Environmental} \ \mathsf{Protection} \ \mathsf{Agency}, \ \mathsf{RSL} = \mathsf{Regional} \ \mathsf{Screening} \ \mathsf{Levels}, \ \mathsf{dated} \ \mathsf{November} \ \mathsf{2023}$

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

	North side of main building	r kilogram (m	g/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		< 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					m	l nicrograms pe	er liter	l	
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

Samples analyzed by EPA Method 8082

The complete laboratory analytical reports are included in Appendix C.

PPA - 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 on use	10/4/0003	75.9	<2.98				
A-1DUP @ 0.5'	Field north of bldg - former ag use	10/4/2023	89.7	3.07				
4-2 @ 0.5'	Field north of bldg - former ag use	10/4/2023	20.6	3.39				
4-3 @ 0.5'	Eastern Field - historic ag use	10/4/2023	34.7	3.18				
4-3 @ 0.5 4-4 @ 0.5'	Eastern Field - historic ag use	10/4/2023	13.9	3.73				
	Eastern Field - historic ag use	10/4/2023	16.6	<2.99				
A-5 @ 0.5'	Eastern Field - historic ag use	10/4/2023	+					
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				
3-1 @ 0.5'	North side of main building	10/3/2023	24.0	NA				
3-2 @ 0.5'	North side of main building	10/3/2023	22.4	NA				
3-3 @ 0.5'	North side of main building	10/3/2023	51.7	NA				
3-4 @ 0.5'	North side of main building	10/3/2023	13.3	NA				
3-5 @ 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				
3-7 @ 0.5'	East side of main building	10/3/2023	57.1	NA				
3-7DUP @ 0.5'	East side of main building	10/3/2023	81.4	NA				
3-8 @ 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				
3-10DUP @ 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				
3-14 @ 0.5'	South side of main building	10/3/2023	10.7	NA				
3-15 @ 0.5'	South side of main building	10/3/2023	22.7	NA				
3-16 @ 0.5'	South side of main building	10/3/2023	122	NA				
3-17 @ 0.5 [']	Southwest corner of main building	10/3/2023	5.0	NA				
3-18 @ 0.5 [']	West side of main building	10/3/2023	30.5	NA				
3-19 @ 0.5 [']	West side of main building	10/3/2023	20.6	NA				
3-20 @ 0.5 [']	West side of main building	10/3/2023	21.0	NA				
3-21 @ 0.5 [']	West side of main building	10/3/2023	67.6	NA				
3-22 @ 0.5 [']	North side of portable restrooms	10/3/2023	13.9	NA NA				
3-23 @ 0.5 [']	North side of portable restrooms	10/3/2023	22.4	NA NA				
3-24 @ 0.5 [']	North side of portable restrooms	10/3/2023	11.8	NA NA				
3-25 @ 0.5'	North side of portable restrooms		17.6	NA NA				
3-23 @ 0.5 ¹	East side of portable restrooms	10/3/2023	36.7	NA NA				
3-28 @ 0.5'	North side of eastern portables	10/3/2023	15.1	NA NA				
3-29 @ 0.5 [']	·	10/5/2023	37.0	NA NA				
	North side of eastern portables	10/5/2023	33.1					
3-30 @ 0.5'	North side of eastern portables	10/5/2023		NA NA				
3-31 @ 0.5'	North side of eastern portables	10/5/2023	42.5	NA NA				
3-32 @ 0.5'	North side of eastern portables	10/5/2023	46.1	NA NA				
3-33 @ 0.5'	North side of eastern portables	10/5/2023	36.9	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			millig	rams per liter			
EB		10/4/2023	<0.050	<0.100			
EB		10/5/2023	<0.050	<0.100			
DTSC Lead Residenti	al Cleanup Level (mg/kg)		80				

Samples analyzed by EPA Method 6010B NA Not analyzed

The complete laboratory analytical reports are included in Appendix C.

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 Con	centration	4.6

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.

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 Co	ncentration	3.8

Appendix A. Site Photographs

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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

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Project / Client

· ARRIVED TO SITE @ 71.60 4m 6 BEGAN Soil SIMPLING @ 7140 Am · EINISHED SOIL SAMPLE COLLECTIONS @ 11:05 AM 0 PECCAL / OKERN-UP @ 11:05 to 11:35 bm O CECT SITE O 11:40 AM · SAMPLES COLLECTED B-1 - B-27 o soil alotts: · SOIL COMECTED & 6.5 At CONSISTED of SILTURAN · Sur cources @ 25 ft consisted of CLAR LOAM

Date 1014 23 Location DAK RIDGE ES Project / Client O ARRIVED TO SITE @ 7 NO AM · BEHAVE SON SHAPLING P 7:20 AM · CINKHED SOIL SAMPULLA @ 12:10 PM · PECCU / CLEAR-UP @ 12:20 - 12 KD pm · LEFT SITE @ 12155 AM · 5 mples collected B-44 - B-40 e suil mates · Suil collected @ 0.5 ft consisted of GALT LOAM · SOU CHECTED @ 2.5Ft CONSISTED of whe com

ject /			A)	1066			- serve	and or an and a second	40000			
" F	1			1					10	^		
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	9							0.12	Ce	MS	UK	0 00
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		Cha	77	CCA	u			-				
											-	
					Table 1				1			

SAMPUNE LOCATION! OAK RIDGE ES 11/6/23 · ARRIVED TO SITE @ 10:10 AM · B- 16 @ 0.5ft · B-56@ 0.5ft · LFET 5 1 TE @ 11:10 AM

Rite in

Approvable shiplines LOCATION! OAK RIDGE ES 11/20/23 * ADRIGO TO SITE @ 10:20 AM 6 B-16 SAMPLINEY LOCATION (FIDE of BUILDING) · BEGAM DILLINER WISHOLEL @ 10130 AM e force removed & given to stop opinessure of HOLE: 25 C+X 25 C+X 156 08-16 Botton, Stangle @ 1 Gt usmb XQF ANALTZER: 111,00 km · Xef ANSAUTZER READINGS (Pb) o 53 ppm 0 57 ppm

· 5-16 (N,5, W, E) 5, DENALL CHAMPLES @ 6.5G+ KING XRF ANAWERE · MURTH : 11:75 AM · KRE ANALTZOR REPROTIES (Pb) 0 TO poru · 23 com 500+H: 11:10 2m · XCF ANALTER READINGS (Pb) o po bou 0 55 ppm · EAST! II! IS AM oxaf and zer REAGINES (Pb) - >1 gam . 66 ppm = WKST: 11:20 An · XRC AUSTRE RESPONDE (PD) · 21 bbw . 73 ppm 08-56 SAMPLE COCATION (OPEN FIELD) · EXCHATOR BELIEVE REMAINS SOR @ 11:45 Am · Soil REMUNTO AND PLUED TOS MOS · DOMENSCONS OF EXCENTED COCATION 3-35F+X3-3.5FX1.5-2FT

G

The state of the s

1154

Rite in the Rain

Date 11/20/23 Location UAK RIDEE ES Project / Client 08-56 80 Honn SHAPLE @ 26+ USING XOF ANALYSER : 12:00 pm · KOC ANLAURER READING (Pb) · 34 pm : 44 ppm · B= 56 (N,5, W, E) SIDEWALL SHOPLES @ 658+ KING X26 ANAWZER · MORTH: 12:05 pm · XRE ANALYSER READMES (Pb) 6 55 gpm a 91 bbu 1 50004! 12:15 pm · XRG ANALTER READING (PD) · 69 ppm 0 64 Rom · EAST! 12:20 PM oxef ANALYZER REDONES (Pb) e 65 ppm 070 18M · MESTA! 12:10 pm · XRC ANALTE FR REMOINES (Pb) · 68 ppm 075 gpm LECT SITE @ 12130 pm

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 leadimpacted 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 leadimpacted 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

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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



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

Authorized for release by Lori Thompson, Project Manager I Lori.Thompson@et.eurofinsus.com (657)212-3035

14

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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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

Appreviation	These commonly used appreviations may or may not be present in this report.
n	Listed under the "D" column to designate that the result is reported on a dry weight basis

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

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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 (570-155226-70), 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

Eurofins Calscience 10/17/2023 (Rev. 1)

Case Narrative

Client: PlaceWorks, Inc.

Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Job ID: 570-155226-1 (Continued)

Laboratory: Eurofins Calscience (Continued)

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

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Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: T-1 @ 0.5'

Lead

Composited

No Detections. Lab Sample ID: 570-155226-3 Client Sample ID: T-1 DUP @ 0.5' Analyte Result Qualifier RL Unit Dil Fac D Method **Prep Type** PCB-1260 140 52 8082 Total/NA ug/Kg 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 Composite Total/NA Lab Sample ID: 570-155226-6 Client Sample ID: B-1 @ 2.5' Analyte Result Qualifier RL Unit Dil Fac D Method **Prep Type** Composited yes NONE 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

Client Sample ID: B-2 @ 2.5'

Lab Sample ID: 570-155226-8

1.97

mg/Kg

NONE

5

6010B

Composite

22.4

yes

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 Qualifie	r RL	Unit	Dil Fac D	Method	Prep Type
Lead	51.7	2.05	mg/Kg		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		Composite	Total/NA

Client Sample ID: B-5 @ 0.5'

Lab Sample ID: 570-155226-13

Analyte	Result	Qualifier	RL	Unit	Dil Fac	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.

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Lab Sample ID: 570-155226-1

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Total/NA

Total/NA

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Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client: PlaceWorks, Inc.

Client Sample ID: B-5 @ 2	2.5'				Lab Sam	ple ID: 570	-155226-14
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-6 @ 0).5'				Lab Sam	ple ID: 570	-155226-15
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	15.3		2.02	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-6 @ 2	2.5'				Lab Sam	ple 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 Sam	ple ID: 570	-155226-17
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	57.1		1.95	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-7 @ 2	2.5'				Lab Sam	ple 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 DU	P @ 0.5'				Lab Sam	ple ID: 570	-155226-19
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	81.4		1.96	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-7 DU	P @ 2.5'				Lab Sam	ple ID: 570	-155226-20
Analyte	Posult	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes	- Qualifier		NONE		Composite	Total/NA
Client Sample ID: B-8 @ 0).5'				Lab Sam	ple ID: 570	-155226-21
					'		
Analyte	27.5	Qualifier	RL 1.08	Unit ma/Ka	<u>Dil Fac</u> <u>D</u>	Method 6010B	Prep Type Total/NA
Lead Composited	yes		1.98	mg/Kg NONE	1	Composite	Total/NA
Client Sample ID: B-8 @ 2				-	Lab Sam	<u> </u>	-155226-22
		Oveller	D:	11.24	'		
Analyte Composited	- Result	Qualifier	RL	Unit NONE	Dil Fac D	Composite	Total/NA
Client Sample ID: B-8 DU					Lab Sam	<u> </u>	-155226-23
					'		
Analyte		Qualifier	RL	Unit	Dil Fac D		Prep Type
Lead Composited	28.6		1.98	mg/Kg NONE	5 1	6010B Composite	Total/NA Total/NA
	yes			INUINE		·	
Client Sample ID: B-8 DU	P @ 2.5'				Lab Sam	ple ID: 570	-155226-24
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-9	9 @ 0.5'				Lab Sam	ple ID: 570	-155226-25
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	18.8		2.00	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-9	9 @ 2.5'				Lab Sam	ple ID: 570	-155226-26
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-9	9 DUP @ 0.5'				Lab Sam	ple ID: 570)-155226-27
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	20.1		1.98	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-9	9 DUP @ 2.5'				Lab Sam	ple ID: 570	-155226-28
Analyte	Rosult	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes	- Qualifier		NONE		Composite	Total/NA
Client Sample ID: B-	10 @ 0.5'				Lab Sam	ple ID: 570)-155226-29
		0	n.	11	'		
Analyte		Qualifier	RL	Unit	Dil Fac D		Prep Type
Lead	13.5		1.97	mg/Kg NONE	5 1	6010B	Total/NA Total/NA
Composited	yes			NONE		Composite	
Client Sample ID: B-	10 @ 2.5'				Lab Sam	ple ID: 570	-155226-30
Analyte	Result	Qualifier	RL	Unit	Dil Fac D		Prep Type
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-	10 DUP @ 0.5'				Lab Sam	ple ID: 570	-155226-31
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	15.2		1.99	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-	10 DUP @ 2.5'				Lab Sam	ple ID: 570	-155226-32
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-	11 @ 0.5'				Lab Sam	ple ID: 570	-155226-33
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	10.1		1.97	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-	11 @ 2.5'				Lab Sam	ple ID: 570)-155226-34
Analyte	Rocult	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE	<u> </u>	Composite	Total/NA
Client Sample ID: B-	•					·)-155226-35
Cheff Sample ID. D.	12 @ 0.0				Lab Jaili	טוט יםו פוק	-100220-00
Analyte		Qualifier	RL	Unit	Dil Fac D		Prep Type
Lead	12.7	_	1.98	mg/Kg	5	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

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		Total/NA			
Composited	yes		NONE	1 Composite	Total/NA			
Client Sample ID: B-15	@ 2.5'			Lab Sample ID: 570)-155226-42			
Analysta	Popult Qualifier	RL	Unit	Dil Fac D Method	Prep Type			
Analyte Composited	Result Qualifier		NONE	1 Composite	Total/NA			
Client Sample ID: B-16	·			Lab Sample ID: 570				
		F '		•				
Analyte Lead	Result Qualifier	RL 1.97	Unit mg/Kg		Total/NA			
Composited	yes	1.97	NONE	1 Composite	Total/NA			
Client Sample ID: B-16 (<u> </u>			Lab Sample ID: 570				
				•				
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	1100		NONE	1 Composito	Total/NIA			

This Detection Summary does not include radiochemical test results.

yes

Composited

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Composite

NONE

Total/NA

Job ID: 570-155226-1

Prep Type

Total/NA

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client: PlaceWorks, Inc.

Analyte

Composited

Lab Sample ID: 570-155226-46 Client Sample ID: B-17 @ 2.5' Result Qualifier RL Unit Dil Fac D Method Analyte **Prep Type** NONE Composited Composite Total/NA yes Client Sample ID: B-18 @ 0.5' Lab Sample ID: 570-155226-47 Result Qualifier RI Unit Dil Fac D Method **Analyte** Prep Type 1.99 6010B Lead 30.5 mg/Kg 5 Total/NA Composited NONE Composite Total/NA yes 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 NONE Composite Total/NA yes Lab Sample ID: 570-155226-49 Client Sample ID: B-19 @ 0.5' Unit Analyte Result Qualifier RL Dil Fac D Method **Prep Type** 20.6 1.97 5 6010B Total/NA Lead mg/Kg Composited yes NONE Composite Total/NA Client Sample ID: B-19 @ 2.5' Lab Sample ID: 570-155226-50

 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

RL

Unit

NONE

Dil Fac D Method

Composite

Result Qualifier

yes

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

AnalyteResult
CompositedQualifierRLUnitDil Fac
NONEDMethodPrep TypeTotal/NA

Client Sample ID: B-21 @ 0.5'

Lab Sample ID: 570-155226-53

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

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 Mone 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 Total/NA Composited yes NONE Composite

Client Sample ID: B-22 @ 2.5'

Lab Sample ID: 570-155226-56

AnalyteResult
CompositedQualifierRLUnitDil Fac
NONEDMethodPrep TypeTotal/NA

This Detection Summary does not include radiochemical test results.

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Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-2	3 @ 0.5'				Lab Sam	ple ID: 570	-155226-57
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
Lead	22.4		2.01	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-2	3 @ 2.5'				Lab Sam	ple 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-2	4 @ 0.5'				Lab Sam	nple ID: 570	-155226-59
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
Lead	11.8		1.98	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-2	4 @ 2.5'				Lab San	ple 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-2	5 @ 0.5'				Lab Sam	ple ID: 570)-155226-61
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
Lead	17.6		1.98	mg/Kg		6010B	Total/NA
Composited	yes		1.50	NONE	1	Composite	Total/NA
Client Sample ID: B-2	5 @ 2.5'				Lab San	nple ID: 570)-155226-62
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-2	6 @ 2.5'				Lab Sam	ple ID: 570)-155226-64
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-2	7 @ 0.5'				Lab Sam	ple ID: 570)-155226-65
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
Lead	36.7		1.98	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-2	7 @ 2.5'				Lab Sam	ple ID: 570)-155226-66
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-1	, B-2, B-3 @ 0.	5' Compo	site		Lab Sam	ple ID: 570)-155226-68
Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
cis-Chlordane	19		5.0	ug/Kg		8081A	Total/NA
trans-Chlordane	12		5.0	ug/Kg	1	8081A	Total/NA
				49/19			
Client Sample ID: B-1	, B-2, B-3 @ 2.	5' Compo	site		Lab San	ple ID: 570)-155226-69

This Detection Summary does not include radiochemical test results.

No Detections.

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10/17/2023 (Rev. 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		5.0	ug/Kg		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		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.

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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 [Method	Prep Type
4,4'-DDE	13	5.0	ug/Kg		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.

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: SW846 8081A - Organochlorine Pesticides (GC)

Analyte	Result Qualit	fier RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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 Quality	fier Limits			Prepared	Analyzed	Dil Fac
Totrophlara mayulana (Curr)	70	20 110			40/44/02 00:00	10/11/02 10:26	4

Surrogate	76Recovery	Quaimer	LIIIIII	rrepareu	Allalyzeu	DII Fac
Tetrachloro-m-xylene (Surr)	78		38 - 148	10/11/23 08:22	0/14/23 19:36	1
DCB Decachlorobiphenyl (Surr)	89		37 - 151	10/11/23 08:22 1	0/14/23 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

Date Received: 10/04/23 09	9:35						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

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Lab Sample ID: 570-155226-69

Matrix: Solid

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

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Date Collected: 10/03/23 00:0	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			
Date Received: 10/04/23 09:3	-										
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			

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**

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Date Received: 10/04/23 09:35

DCB Decachlorobiphenyl (Surr)

Date Received. 10/04/23 03	9.33							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	MD		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 20:1	9 1
Į	DCB Decachlorobiphenyl (Surr)	88		37 - 151	10/11/23 08:22 10/14/23 20:1	9 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

Date Received. 10/04/2	3 U3.33						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

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Lab Sample ID: 570-155226-71

Matrix: Solid

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10/11/23 08:22 10/14/23 19:51

Job ID: 570-155226-1 Client: PlaceWorks, Inc.

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

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Lab Sample ID: 570-155226-71 Client Sample ID: B-4, B-5, B-6 @ 2.5' Composite Date Collected: 10/03/23 00:00 **Matrix: Solid** Date Received: 10/04/23 09:35 Analyte Unit Result Qualifier RL D Prepared **Analyzed** Dil Fac Endosulfan II ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 20:33 Endosulfan sulfate ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 20:33 Endrin ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 20:33 Endrin aldehyde ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 20:33 Endrin ketone ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 20:33 gamma-BHC (Lindane) ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 20:33 trans-Chlordane ND 5.0 10/11/23 08:22 10/14/23 20:33 ug/Kg ND 5.0 10/11/23 08:22 10/14/23 20:33 Heptachlor ug/Kg Heptachlor epoxide ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 20:33 Methoxychlor ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 20:33 Toxaphene ND 25 ug/Kg 10/11/23 08:22 10/14/23 20:33 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

37 - 151

Client Sample ID: B-7, B-8 @ 0.5' Composite

Date Collected: 10/03/23 00:00

DCB Decachlorobiphenyl (Surr)

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

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

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Lab Sample ID: 570-155226-73

10/11/23 08:22 10/14/23 20:33

Lab Sample ID: 570-155226-72

Matrix: Solid

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Matrix: Solid

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

ND

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 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 ND Aldrin 4.9 ug/Kg 10/11/23 08:22 10/14/23 21:02 alpha-BHC ND 4.9 ug/Kg 10/11/23 08:22 10/14/23 21:02 ND cis-Chlordane 4.9 ug/Kg 10/11/23 08:22 10/14/23 21:02 beta-BHC ND 4.9 10/11/23 08:22 10/14/23 21:02 ug/Kg delta-BHC ND 4.9 ug/Kg 10/11/23 08:22 10/14/23 21:02 Dieldrin ND 4.9 10/11/23 08:22 10/14/23 21:02 ug/Kg Endosulfan I ND 4.9 10/11/23 08:22 10/14/23 21:02 ug/Kg Endosulfan II ND 4.9 ug/Kg 10/11/23 08:22 10/14/23 21:02 Endosulfan sulfate ND 4.9 ug/Kg 10/11/23 08:22 10/14/23 21:02 Endrin ND 4.9 ug/Kg 10/11/23 08:22 10/14/23 21:02 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 ND trans-Chlordane 4.9 10/11/23 08:22 10/14/23 21:02 ug/Kg ND Heptachlor 4.9 ug/Kg 10/11/23 08:22 10/14/23 21:02 Heptachlor epoxide ND 4.9 ug/Kg 10/11/23 08:22 10/14/23 21:02 Methoxychlor ND 4.9 ug/Kg 10/11/23 08:22 10/14/23 21:02

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

25

ug/Kg

10/11/23 08:22 10/14/23 21:02

Lab Sample ID: 570-155226-74

Matrix: Solid

Client Sample ID: B-7 DUP, B-8DUP @ 0.5' Composite

Date Collected: 10/03/23 00:00

Toxaphene

Date Received: 10/04/23 09:35 Analyte Result Qualifier RI Unit D Prepared Analyzed Dil Fac 4,4'-DDD $\overline{\mathsf{ND}}$ 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 4,4'-DDT 5.0 ND ug/Kg 10/11/23 08:22 10/14/23 21:16 Aldrin ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 21:16 alpha-BHC ND 5.0 10/11/23 08:22 10/14/23 21:16 ug/Kg beta-BHC ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 21:16 10/11/23 08:22 10/14/23 21:16 delta-BHC ND 5.0 ug/Kg Dieldrin NΩ 5.0 ug/Kg 10/11/23 08:22 10/14/23 21:16 Endosulfan I ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 21:16 Endosulfan II 5.0 10/11/23 08:22 10/14/23 21:16 ND ug/Kg 10/11/23 08:22 10/14/23 21:16 Endosulfan sulfate ND 5.0 ug/Kg Endrin ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 21:16 Endrin aldehyde ND 10/11/23 08:22 10/14/23 21:16 5.0 ug/Kg Endrin ketone ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 21:16 gamma-BHC (Lindane) ND 5.0 ug/Kg 10/11/23 08:22 10/14/23 21:16 ND 5.0 Heptachlor ug/Kg 10/11/23 08:22 10/14/23 21:16 5.0 ug/Kg 10/11/23 08:22 10/14/23 21:16 **Heptachlor epoxide** 17 ND 5.0 10/11/23 08:22 10/14/23 21:16 Methoxychlor ug/Kg ND 25 Toxaphene ug/Kg 10/11/23 08:22 10/14/23 21:16 Surrogate Qualifier %Recovery Limits Prepared Analyzed Dil Fac Tetrachloro-m-xylene (Surr) 38 - 148 10/11/23 08:22 10/14/23 21:16 76

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Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

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

Client Sample ID: B-7 DUP, B-8DUP @ 2.5' Composite

Date Collected: 10/03/23 00:00 Date Received: 10/04/23 09:35

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

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

Date Collected: 10/03/23 00:00
Date Received: 10/04/23 09:35

Date Received: 10/04/23	09:35						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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
·							

Eurofins Calscience

10/17/2023 (Rev. 1)

2

3

Lab Sample ID: 570-155226-74

Lab Sample ID: 570-155226-75

Lab Sample ID: 570-155226-76

Matrix: Solid

Matrix: Solid

Matrix: Solid

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6

0

9

12

14

Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

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

Date Collected: 10/03/23 00:00 Date Received: 10/04/23 09:35

Client: PlaceWorks, Inc.

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	ND 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 DCB Decachlorobiphenyl (Surr) 80 37 - 151 10/11/23 08:22 10/15/23 00:33

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

Date Collected: 10/03/23 00:00

Date Received: 10/04/23 09	9:35						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

Date Collected: 10/03/23 00:00 Date Received: 10/04/23 09:35

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
	4,4'-DDD 4,4'-DDE 4,4'-DDT	Analyte Result 4,4'-DDD ND 4,4'-DDE ND 4,4'-DDT ND	Analyte Result 4,4'-DDD Qualifier ND 4,4'-DDE ND 4,4'-DDT ND	Analyte Result 4,4'-DDD Qualifier PL RL 4,4'-DDD ND 5.0 4,4'-DDE ND 5.0 4,4'-DDT ND 5.0	Analyte Result 4,4'-DDD Qualifier RL Vnit Unit 4,4'-DDD ND 5.0 ug/Kg 4,4'-DDE ND 5.0 ug/Kg 4,4'-DDT ND 5.0 ug/Kg	Analyte Result 4,4'-DDD Qualifier S.0 RL ug/Kg Unit ug/Kg D 4,4'-DDE ND 5.0 ug/Kg 4,4'-DDT ND 5.0 ug/Kg 4,4'-DDT 4,4'-DDT 4,4'-DDT 4,4'-DDT 5.0 0	Analyte Result 4,4'-DDD Qualifier RL Unit ug/Kg D Prepared 4,4'-DDD ND 5.0 ug/Kg 10/11/23 08:22 4,4'-DDE ND 5.0 ug/Kg 10/11/23 08:22 4,4'-DDT ND 5.0 ug/Kg 10/11/23 08:22	Analyte Result 4,4'-DDD Qualifier RL Unit ug/Kg D Prepared 10/11/23 08:22 Analyzed 10/15/23 01:02 4,4'-DDE ND 5.0 ug/Kg 10/11/23 08:22 10/15/23 01:02 4,4'-DDT ND 5.0 ug/Kg 10/11/23 08:22 10/15/23 01:02 4,4'-DDT ND 5.0 ug/Kg 10/11/23 08:22 10/15/23 01:02

Eurofins Calscience

Lab Sample ID: 570-155226-78

Matrix: Solid

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

75

90

Result Qualifier	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	Unit ug/Kg ug/Kg ug/Kg ug/Kg ug/Kg ug/Kg ug/Kg ug/Kg	<u>D</u>	Prepared 10/11/23 08:22 10/11/23 08:22 10/11/23 08:22 10/11/23 08:22 10/11/23 08:22 10/11/23 08:22	Analyzed 10/15/23 01:02 10/15/23 01:02 10/15/23 01:02 10/15/23 01:02 10/15/23 01:02 10/15/23 01:02	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ND ND 24 ND ND	5.0 5.0 5.0 5.0 5.0	ug/Kg ug/Kg ug/Kg ug/Kg ug/Kg		10/11/23 08:22 10/11/23 08:22 10/11/23 08:22 10/11/23 08:22	10/15/23 01:02 10/15/23 01:02 10/15/23 01:02 10/15/23 01:02	1 1 1 1
ND 24 ND ND	5.0 5.0 5.0 5.0	ug/Kg ug/Kg ug/Kg		10/11/23 08:22 10/11/23 08:22 10/11/23 08:22	10/15/23 01:02 10/15/23 01:02 10/15/23 01:02	1 1 1
24 ND ND	5.0 5.0 5.0	ug/Kg ug/Kg		10/11/23 08:22 10/11/23 08:22	10/15/23 01:02 10/15/23 01:02	1 1 1
ND ND	5.0 5.0	ug/Kg		10/11/23 08:22	10/15/23 01:02	1 1
ND	5.0	0 0				1
		ug/Kg				
ND				10/11/23 08:22	10/15/23 01:02	1
140	5.0	ug/Kg		10/11/23 08:22	10/15/23 01:02	1
5.6 p	5.0	ug/Kg		10/11/23 08:22	10/15/23 01:02	1
ND	5.0	ug/Kg		10/11/23 08:22	10/15/23 01:02	1
ND	5.0	ug/Kg		10/11/23 08:22	10/15/23 01:02	1
ND	5.0	ug/Kg		10/11/23 08:22	10/15/23 01:02	1
7.4	5.0	ug/Kg		10/11/23 08:22	10/15/23 01:02	1
ND	5.0	ug/Kg		10/11/23 08:22	10/15/23 01:02	1
ND	5.0	ug/Kg		10/11/23 08:22	10/15/23 01:02	1
ND	5.0	ug/Kg		10/11/23 08:22	10/15/23 01:02	1
ND	25	ug/Kg		10/11/23 08:22	10/15/23 01:02	1
	ND ND ND 7.4 ND ND ND ND	ND 5.0	ND 5.0 ug/Kg ND 5.0 ug/Kg ND 5.0 ug/Kg 7.4 5.0 ug/Kg ND 5.0 ug/Kg ND 5.0 ug/Kg ND 5.0 ug/Kg ND 25 ug/Kg	ND 5.0 ug/Kg ND 5.0 ug/Kg ND 5.0 ug/Kg 7.4 5.0 ug/Kg ND 5.0 ug/Kg ND 5.0 ug/Kg ND 5.0 ug/Kg ND 25 ug/Kg	ND 5.0 ug/Kg 10/11/23 08:22 ND 5.0 ug/Kg 10/11/23 08:22 ND 5.0 ug/Kg 10/11/23 08:22 7.4 5.0 ug/Kg 10/11/23 08:22 ND 25 ug/Kg 10/11/23 08:22	ND 5.0 ug/Kg 10/11/23 08:22 10/15/23 01:02 ND 5.0 ug/Kg 10/11/23 08:22 10/15/23 01:02 ND 5.0 ug/Kg 10/11/23 08:22 10/15/23 01:02 7.4 5.0 ug/Kg 10/11/23 08:22 10/15/23 01:02 ND 25 ug/Kg 10/11/23 08:22 10/15/23 01:02

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**

38 - 148

37 - 151

Tetrachloro-m-xylene (Surr)

DCB Decachlorobiphenyl (Surr)

Date Received: 10/04/23 0	9:35							
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 01:16	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

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<u>10/11/23 08:22</u> <u>10/15/23 01:02</u>

10/11/23 08:22 10/15/23 01:02

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

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 Date Received: 10/04/23 09:35

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

Client Sample ID: B-11, B-12, E	Э			Lab Samp	le ID: 570-15	5226-80		
Date Collected: 10/03/23 00:00					Matrix	k: Solid		
Date Received: 10/04/23 09:35								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

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 Qua	alifier 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

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

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Lab Sample ID: 570-155226-81

Matrix: Solid

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Matrix: Solid

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

88

91

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

Date Received: 10/04/23	09:35						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	ND 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

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**

38 - 148

37 - 151

Tetrachloro-m-xylene (Surr)

DCB Decachlorobiphenyl (Surr)

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

Date Collected: 10/03/23 00:00 Date Received: 10/04/23 09:35

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

Eurofins Calscience

Matrix: Solid

Lab Sample ID: 570-155226-83

Matrix: Solid

10/11/23 08:22 10/15/23 01:45

10/11/23 08:22 10/15/23 01:45

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

•	nt Sample ID: B-14, B-15 @ 2.5' Composite • Collected: 10/03/23 00:00						
Date Received: 10/04/23 0	9:35			_			c: 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

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**

37 - 151

DCB Decachlorobiphenyl (Surr)

Date Received: 10/04/23 0 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

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10/11/23 08:22 10/15/23 02:13

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

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

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

Client Sample ID: B-16, B-17, B Date Collected: 10/03/23 00:00	_	Composite				Lab Samp	e ID: 570-155 Matrix	226-85 : Solid
Date Received: 10/04/23 09:35							Matrix	Jona
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

 10/11/23 08:22	10/15/23 02:42	
	10/13/23 02.42	ı
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
10/11/23 08:22	10/15/23 02:42	1
	10/11/23 08:22 10/11/23 08:22	10/11/23 08:22 10/15/23 02:42 10/11/23 08:22 10/15/23 02:42

Surrogate	%Recovery Qua	alifier 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

Date Collected: 10/03/23 00:00 Date Received: 10/04/23 09:35

Date Received: 10/04/23	09:35						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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
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Lab Sample ID: 570-155226-86

Matrix: Solid

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Lab Sample ID: 570-155226-84

Matrix: Solid

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

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

Date Received: 10/04/23 09:35

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND 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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	MD		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

	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
U									

Matrix: Solid

Lab Sample ID: 570-155226-88

Matrix: Solid

Matrix: Solid

Lab Sample ID: 570-155226-87

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

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Analyte	Result Qua	lifier RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	ND 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 Qua	lifier Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	80	38 - 148			10/11/23 16:40	10/13/23 00:06	1

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

37 - 151

DCB Decachlorobiphenyl (Surr)

35						
	r RL	Unit	D	Prepared	Analyzed	Dil Fac
ND ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	5.0	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
ND	25	ug/Kg		10/11/23 16:40	10/13/23 00:20	1
%Recovery Qualifier	r Limits			Prepared	Analyzed	Dil Fac
84	38 - 148			10/11/23 16:40	10/13/23 00:20	1
88	37 - 151			10/11/23 16:40	10/13/23 00:20	1
	ND N	Result Qualifier RL ND 5.0 ND	Result Qualifier RL Unit ND 5.0 ug/Kg ND	Result Qualifier RL Unit D ND 5.0 ug/Kg ND 5.0 ug/Kg	Result Qualifier RL Unit D Prepared ND 5.0 ug/Kg 10/11/23 16:40 ND 5.0 <td>Result ND RL Unit D Prepared Analyzed ND 5.0 ug/Kg 10/11/23 16:40 10/13/23 00:20 ND 5.0 ug/Kg 10/11/23 16:40 10/13/23 00:20</td>	Result ND RL Unit D Prepared Analyzed ND 5.0 ug/Kg 10/11/23 16:40 10/13/23 00:20 ND 5.0 ug/Kg 10/11/23 16:40 10/13/23 00:20

10/11/23 16:40 10/13/23 00:06

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: SW846 8081A - Organochlorine Pesticides (GC)

Date Collected: 10/03/23 (Date Received: 10/04/23 (Matrix: Solid		
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

Date Collected: 10/03/23 00:00

Date Received: 10/04/23 09	9:35						
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

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Lab Sample ID: 570-155226-91 Matrix: Solid

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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 Collected: 10/03/23 00:00 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

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Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

00 35					Matrix	: Solid
Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
95	25	ug/Kg		10/11/23 08:22	10/15/23 04:50	
68	25	ug/Kg		10/11/23 08:22	10/15/23 04:50	5
%Recovery Qualifier	Limits			Prepared	Analyzed	Dil Fac
80	38 - 148			10/11/23 08:22	10/15/23 04:50	
100	37 - 151			10/11/23 08:22	10/15/23 04:50	5
(Result Qualifier 95 68	Result Qualifier RL 95 25 68 25 %Recovery Qualifier Limits 80 38 - 148	Name	Nesult Qualifier RL Unit D	Result Qualifier RL Unit D Prepared 95 25 ug/Kg 10/11/23 08:22 68 25 ug/Kg 10/11/23 08:22 %Recovery Qualifier Limits Prepared 80 38 - 148 10/11/23 08:22	Matrix M

Date Collected: 10/03/23 00:0	0					Matrix	: Solid
Date Received: 10/04/23 09:3	5						
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, Date Collected: 10/03/23 00:0 Date Received: 10/04/23 09:3	0	Composit	e			Lab Samp	le ID: 570-155 Matrix	226-86 :: Solid
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	42		15	ug/Kg	— <u>-</u>	10/11/23 08:22		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

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: 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

Bato Itooolivoai 10/0-1/	20 00.00						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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	3 09:35						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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

Date Received: 10/04/2	3 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	ua/Ka		10/07/23 10:19	10/09/23 13:32	1

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Matrix: Solid

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Client: PlaceWorks, Inc.

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Job ID: 570-155226-1

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

Client Sample ID: B-2 @ 0.5'

Date Collected: 10/03/23 08:00

Date Received: 10/04/23 09:35

Analyte

Result Qualifier

RL

Lab Sample ID: 570-155226-7

Matrix: Solid

Date Received: 10/04/23 09:35

	Date Received: 10/04/23 09:35								
1	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
į	PCB-1242	ND		52	ug/Kg	_	10/07/23 10:19	10/09/23 13:32	1
1	PCB-1248	ND		52	ug/Kg		10/07/23 10:19	10/09/23 13:32	1
1	PCB-1254	ND		52	ug/Kg		10/07/23 10:19	10/09/23 13:32	1
l	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

 Surrogate
 %Recovery
 Qualifier
 Limits
 Prepared
 Analyzed
 Dil Factor

 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'

Date Collected: 10/03/23 08:05

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-9

Matrix: Solid

Analyte	Result Q	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'

Date Collected: 10/03/23 08:15

Lab Sample ID: 570-155226-11

Matrix: Solid

Date Collected: 10/03/23 08:15
Date Received: 10/04/23 09:35
Analyte

_	Date House Heart In							
	Analyte	Result Qua	lifier RL	Unit	D	Prepared	Analyzed	Dil Fac
	PCB-1016	ND 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
İ	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'

Date Collected: 10/03/23 08:25

Lab Sample ID: 570-155226-13

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
,							

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

Client Sample ID: B-5 @ 0.5' Date Collected: 10/03/23 08:25						Lab Samp	le ID: 570-155 Matrix	5226-13 c: Solid
Date Received: 10/04/23 09:35 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
Date Received: 10/04/23 09:35 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' Lab Sample ID: 570-155226-17 Date Collected: 10/03/23 08:45 **Matrix: Solid**

Date Received:	10/04/23	09:35
Analyte		

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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 Ana	lyzed 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' Lab Sample ID: 570-155226-19 Date Collected: 10/03/23 08:50 **Matrix: Solid**

Date Received: 10/04/23 09:35

Date Hoodivan 10/0-1/20	00.00						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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					Lab Samp	ole ID: 570-155	226-21
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
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	
Tetrachloro-m-xylene (Surr)	80		25 - 120		10/07/23 10:19	10/09/23 18:05	1
Client Sample ID: B-8 DUP @	② 0.5'				Lab Samp	ole ID: 570-155	226-23

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
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 0	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' Lab Sample ID: 570-155226-25 Date Collected: 10/03/23 09:05 **Matrix: Solid**

Tetrachloro-m-xylene (Surr)

Date Received: 10/04/23 09:	:35						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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)		20 - 120			10/07/23 10:19	10/09/23 18:41	1

25 - 120

75

10/07/23 10:19 10/09/23 18:41

Client: PlaceWorks, Inc.

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Job ID: 570-155226-1

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**

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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
l	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 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

Dute Received. 10/04	720 00.00							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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	ua/Ka		10/07/23 10:19	10/09/23 19:53	1

2

Client: PlaceWorks, Inc.

Client Sample ID: B-13 @ 0.5'

Date Collected: 10/03/23 09:35

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

Lab Sample ID: 570-155226-37

. Matrix: Solid

Job ID: 570-155226-1

Date Received: 10/04/23 09:35							
Analyte	Result Qualif	fier 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)	<i>75</i>	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

Dute Received. 10/04/	20 00.00						
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'

Date Collected: 10/03/23 09:45

Lab Sample ID: 570-155226-41

Matrix: Solid

Date Received: 10/03/23 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'

Date Collected: 10/03/23 09:55

Lab Sample ID: 570-155226-43

Matrix: Solid

Date Received: 10/04/23 09:35

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

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

Client Sample ID: B-16 @ 0.5' Date Collected: 10/03/23 09:55						Lab Samp	le ID: 570-155 Matrix	226-43 : 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' Date Collected: 10/03/23 10:05						Lab Samp	le ID: 570-155	226-45 : Solid
Date Received: 10/04/23 09:35							Matrix	Cona
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

Analyte	Result Qualifie	r 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
l	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

Date Neceived. 10/04/25 05.55								
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

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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. Date Collected: 10/03/23 10	:40					Lab Samp	e ID: 570-155 Matrix	226-55 :: Solid
Date Received: 10/04/23 09: Analyte		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. Date Collected: 10/03/23 10						Lab Sampl	e ID: 570-155 Matrix	6226-57 c: Solid

Date Collected: 10/03/23 10:45						Lab Sallipi	e וט. פוי פופ Matrix	: Solid	
Date Received: 10/04/23 09:35							Matrix	. Oona	
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	

Analyte	Result C	Qualifier RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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	0/13/23 09:40	1
Tetrachloro-m-xylene (Surr)	83	25 - 120	10/11/23 08:25 1	0/13/23 09:40	1

Client Sample ID: B-24 @ 0.5'

Date Collected: 10/03/23 10:50

Lab Sample ID: 570-155226-59

Matrix: Solid

Analyte	Result Qualifier	RL	Unit	D Prepared	Analyzed	Dil Fac
PCB-1016	ND 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

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Client Sample Results

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

61

Client Sample ID: B-25 @ 0.5'

Date Collected: 10/03/23 10:55

Lab Sample ID: 570-155226-61

Matrix: Solid

Date Received: 10/04/23 09:35

Tetrachloro-m-xylene (Surr)

Date Received: 10/04/23 09:	:35						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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

25 - 120

3

5

6

40

10/11/23 08:25 10/13/23 09:35

11

13

14

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method:	SW846	6010B -	Metals	(ICP)
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Client Sample ID: B-1 @ 0.5' Date Collected: 10/03/23 07:50						Lab Sam	ple ID: 570-15	55226-5 c: Solid
Date Received: 10/03/23 07:30							Watii	t. John
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	24.0	- Qualifier	2.00	mg/Kg	_ =	10/12/23 16:07	10/13/23 13:23	5
:								
Client Sample ID: B-2 @ 0.5'						Lab Sam	ple ID: 570-15	
Date Collected: 10/03/23 08:00							Matrix	c: Solid
Date Received: 10/04/23 09:35	Daguile	O	DI.	11-4	_	D	A a l a al	Dil Fac
Analyte		Qualifier	RL 1.97	Unit	D	Prepared 10/12/23 16:07	Analyzed 10/13/23 13:26	5 Dil Fac
Lead	22.4		1.97	mg/Kg		10/12/23 10.07	10/13/23 13.20	5
Client Sample ID: B-3 @ 0.5'						Lab Sam	ple ID: 570-15	5226-9
Date Collected: 10/03/23 08:05							Matrix	c: 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'						I ah Samn	le ID: 570-155	226-11
Date Collected: 10/03/23 08:15						Lab Gamp		c: Solid
Date Received: 10/04/23 09:35							Watiiz	t. Jona
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
				0 0				
Client Sample ID: B-5 @ 0.5'						Lab Samp	le ID: 570-155	
Date Collected: 10/03/23 08:25							Matrix	c: Solid
Date Received: 10/04/23 09:35								
Analyte		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'						I ah Samn	le ID: 570-155	226-15
Date Collected: 10/03/23 08:30						Lub Gump		c: Solid
Date Received: 10/04/23 09:35							Matrix	Jona
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15.3		2.02	mg/Kg			10/13/23 13:07	5
Client Sample ID: B-7 @ 0.5'						Lab Samp	le ID: 570-155	
Date Collected: 10/03/23 08:45							Matrix	c: Solid
Date Received: 10/04/23 09:35		_						
Analyte		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 Samp	le ID: 570-155	226-19
Date Collected: 10/03/23 08:50								c: Solid
Date Received: 10/04/23 09:35								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Load	81.4		1.96	mg/Kg		10/12/23 16:07	10/13/23 13:38	5
Lead						Lab Camp	le ID: 570-155	200 04
						L AU SAUID	7/11-17	1//0-/1
Client Sample ID: B-8 @ 0.5'						Lub Gump		
Client Sample ID: B-8 @ 0.5' Date Collected: 10/03/23 08:55						Lub Gump		c: Solid
Client Sample ID: B-8 @ 0.5'	Rocult	Qualifier	RL	Unit	D	Prepared		

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Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: SW846 6010B - Metals (ICP)

Lead

Client Comple ID: D 0 DID @ 0 FL						Lab Cause	In ID: 570 457	
Client Sample ID: B-8 DUP @ 0.5'						Lab Samp	le ID: 570-155	
Date Collected: 10/03/23 09:00							Matrix	k: Solid
Date Received: 10/04/23 09:35	Desuit	Ovalifian	DI	l lmi4	_	Dramarad	Amalumad	Dil Foo
Analyte		Qualifier	RL 1.98	Unit ma/Ka	_ <u>D</u>	Prepared 10/12/22 16:07	Analyzed 10/13/23 13:43	Dil Fac
Lead 	28.6		1.90	mg/Kg		10/12/23 16:07	10/13/23 13:43	Э
Client Sample ID: B-9 @ 0.5'						Lab Samp	le ID: 570-155	5226-25
Date Collected: 10/03/23 09:05							Matrix	k: 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 Samp	le ID: 570-155	5226-27
Date Collected: 10/03/23 09:10								k: 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 Samp	le ID: 570-155	
Date Collected: 10/03/23 09:15							Matrix	k: Solid
Date Received: 10/04/23 09:35					_			
Analyte		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	5 '					Lab Samp	le ID: 570-155	5226-31
Date Collected: 10/03/23 09:20						•		k: 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'						Lah Samn	le ID: 570-155	5226-33
Date Collected: 10/03/23 09:25						Lab Camp		k: Solid
Date Received: 10/04/23 09:35							Matrix	ti oona
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.1		1.97	mg/Kg			10/13/23 14:07	5
Ξ								
Client Sample ID: B-12 @ 0.5'						Lab Samp	le ID: 570-155	
Date Collected: 10/03/23 09:30							Matrix	k: Solid
Date Received: 10/04/23 09:35								
Analyte		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 Samp	le ID: 570-155	5226-37
Date Collected: 10/03/23 09:35						•		k: 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'						Lah Samn	le ID: 570-155	5226-39
Date Collected: 10/03/23 09:40						Lab Janip		x: Solid
Date Received: 10/04/23 09:35							Wat D	a. Jona
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
			-		_		,	

Eurofins Calscience

10/12/23 16:07 10/13/23 14:12

2.00

10.7

mg/Kg

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: SW846 6010B - Metals (ICP)

Lead

Client Sample ID: B-15 @ 0.5' Date Collected: 10/03/23 09:45 Date Received: 10/04/23 09:35						Lab Samp	le ID: 570-155 Matrix	5226-41 c: Solid
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	22.7		1.98	mg/Kg		<u>.</u>	10/13/23 14:14	5
Client Sample ID: B-16 @ 0.5' Date Collected: 10/03/23 09:55						Lab Samp	le ID: 570-155 Matrix	5226-43 c: Solid
Date Received: 10/04/23 09:35					_			5
Analyte	122	Qualifier	1.97	Unit mg/Kg	D	Prepared 10/12/23 16:07	Analyzed 10/13/23 14:16	Dil Fac
Client Sample ID: B-17 @ 0.5' Date Collected: 10/03/23 10:05 Date Received: 10/04/23 09:35						Lab Samp	le ID: 570-155 Matrix	5226-45 c: Solid
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' Date Collected: 10/03/23 10:10 Date Received: 10/04/23 09:35						Lab Samp	le ID: 570-155 Matrix	5226-47 c: Solid
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' Date Collected: 10/03/23 10:15 Date Received: 10/04/23 09:35						Lab Samp	le ID: 570-155 Matrix	5226-49 c: Solid
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' Date Collected: 10/03/23 10:20 Date Received: 10/04/23 09:35						Lab Samp	le ID: 570-155 Matrix	5226-51 c: Solid
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' Date Collected: 10/03/23 10:25 Date Received: 10/04/23 09:35						Lab Samp	le ID: 570-155 Matrix	5226-53 c: Solid
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' Date Collected: 10/03/23 10:40 Date Received: 10/04/23 09:35						Lab Samp	le ID: 570-155 Matrix	5226-55 c: Solid
Analyte		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' Date Collected: 10/03/23 10:45 Date Received: 10/04/23 09:35						Lab Samp	le ID: 570-155 Matrix	5226-57 c: Solid
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Eurofins Calscience

10/13/23 05:52 10/13/23 12:28

2.01

mg/Kg

22.4

Client Sample Results

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'	Lab Sample ID: 570-155226-59
Date Collected: 10/03/23 10:50	Matrix: Solid

Date Collected: 10/03/23 10:50 Date Received: 10/04/23 09:35

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

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'

Lab Sample ID: 570-155226-61

Date Collected: 10/03/23 10:55
Date Received: 10/04/23 09:35

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17.6	1.98	ma/Ka		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

Lab Sample ID: 570-155226-65

Matrix: Solid

Date Collected: 10/03/23 11:05 Date Received: 10/04/23 09:35

 Analyte
 Result Lead
 Qualifier
 RL N.
 Unit mg/Kg
 D mg/Kg
 Prepared no.13/23 05:52
 Analyzed no.13/23 12:35
 D no.15/25
 To.13/23 12:35
 D no.15/25
 3

А

5

6

Matrix: Solid

8

9

4 4

12

13

14

2

Client: PlaceWorks, Inc.

Date Received: 10/04/23 09:35

Analyte

Composited

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Job ID: 570-155226-1

Method:	Composite	- Sample	Compositing

Client Sample ID: B-1 @ 0.5'						Lab Sam	ple ID: 570-15	
Date Collected: 10/03/23 07:50							Matrix	c: Solid
Date Received: 10/04/23 09:35								
Analyte	Result	Qualifier	RL	Unit	<u>D</u> .	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			10/09/23 11:19	1
Client Sample ID: B-1 @ 2.5'						Lab Sam	ple ID: 570-15	55226-6
Date Collected: 10/03/23 07:50							Matrix	c: 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 Sam	ple ID: 570-15	5226-7
Date Collected: 10/03/23 08:00								c: Solid
Date Received: 10/04/23 09:35								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE		<u> </u>	10/09/23 11:19	1
Client Sample ID: B-2 @ 2.5'						Lab Sam	ple ID: 570-15	5226-8
Date Collected: 10/03/23 08:00							-	c: Solid
Date Received: 10/04/23 09:35								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes	<u> </u>		NONE		<u> </u>	10/09/23 11:19	1
Client Sample ID: B-3 @ 0.5'						Lab Sam	ple ID: 570-15	5226-9
Date Collected: 10/03/23 08:05							•	c: Solid
Date Received: 10/04/23 09:35								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes	<u> </u>		NONE		•	10/09/23 11:19	1
Client Sample ID: B-3 @ 2.5'						Lah Samn	le ID: 570-155	226-10
Date Collected: 10/03/23 08:05						Lub Gump		c: Solid
Date Received: 10/04/23 09:35							Matrix	Jona
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'						I ah Samn	ole ID: 570-155	226-11
Date Collected: 10/03/23 08:15						Lub Gump		c: Solid
Date Received: 10/04/23 09:35							Matrix	t. Oona
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE		Tropurcu	10/09/23 11:19	1
Client Sample ID: B-4 @ 2.5'						I ah Sama	le ID: 570-155	226.42
Date Collected: 10/03/23 08:15						Lau Saiiip		: Solid
Date Received: 10/03/23 06:15							IVIALI IX	. Jona
	Posule	Qualifier	RL	Unit	D	Prepared	Analyzod	Dil Ess
Analyte		<u> uaiiiiei</u>	<u>NL</u>	Unit NONE		Frepareu	Analyzed 10/09/23 11:19	Dil Fac
Composited	yes			INUINE			10/03/23 11.19	ı
Client Sample ID: B-5 @ 0.5'						Lab Samp	le ID: 570-155	
Date Collected: 10/03/23 08:25							Matrix	c: Solid
Data Danabanda 40/04/02 00:25								

Analyzed

10/09/23 11:19

RL

Unit

NONE

Prepared

Result Qualifier

yes

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Date Collected: 10/03/23 08:55

Date Received: 10/04/23 09:35

Analyte

Composited

Client Sample ID: B-5 @ 2.5'						Lab Samp	le ID: 570-15	
Date Collected: 10/03/23 08:25							Matri	x: 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 Samp	le ID: 570-15	5226-15
Date Collected: 10/03/23 08:30							Matri	x: 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 Samp	le ID: 570-15	5226-16
Date Collected: 10/03/23 08:30						•		x: 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 Samp	le ID: 570-15	5226-17
Date Collected: 10/03/23 08:45						•		x: 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 Samp	le ID: 570-15	5226-18
Date Collected: 10/03/23 08:45						•		x: 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 Samp	le ID: 570-15	5226-19
Date Collected: 10/03/23 08:50						•		x: 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 Samp	le ID: 570-15	5226-20
Date Collected: 10/03/23 08:50								x: 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 Samp	le ID: 570-15	5226-21
Date Collected: 10/03/23 08:55								x: 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 Samp	le ID: 570-15	5226-22

Analyzed

10/09/23 11:20

Matrix: Solid

RL

Unit

NONE

Prepared

Result Qualifier

yes

3

4

6

<u>'</u>

10

11

13

14

6

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

Lab Sample ID: 570-155226-24

Lab Sample ID: 570-155226-28

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

Date Collected: 10/03/23 09:00 Date Received: 10/04/23 09:35

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac

NONE Composited 10/09/23 11:20 yes

Client Sample ID: B-8 DUP @ 2.5' Date Collected: 10/03/23 09:00

Date Received: 10/04/23 09:35

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

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

Date Collected: 10/03/23 09:05 Date Received: 10/04/23 09:35

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

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

Date Collected: 10/03/23 09:05

Date Received: 10/04/23 09:35

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

Client Sample ID: B-9 DUP @ 0.5' Lab Sample ID: 570-155226-27 **Matrix: Solid**

Date Collected: 10/03/23 09:10 Date Received: 10/04/23 09:35

Analyte Result Qualifier RL Unit D Dil Fac Prepared Analyzed

NONE Composited 10/09/23 11:20 ves

Client Sample ID: B-9 DUP @ 2.5'

Date Collected: 10/03/23 09:10 Date Received: 10/04/23 09:35

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

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

Date Collected: 10/03/23 09:15 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

Client Sample ID: B-10 @ 2.5' Lab Sample ID: 570-155226-30 **Matrix: Solid**

Date Collected: 10/03/23 09:15

Date Received: 10/04/23 09:35

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

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

Date Collected: 10/03/23 09:20

Date Received: 10/04/23 09:35

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

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: Composite - Sample Compositing

Client Sample ID: B-14 @ 2.5'

Date Collected: 10/03/23 09:40

Date Received: 10/04/23 09:35

Analyte

Composited

Client Sample ID: B-10 DUP @ 2.8 Date Collected: 10/03/23 09:20	5'					Lab Samp	le ID: 570-155 Matrix	226-32 : Solid
Date Received: 10/04/23 09:35					_			
Analyte		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 Samp	le ID: 570-155	226-33
Date Collected: 10/03/23 09:25								: 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'						Lah Samn	le ID: 570-155	226-34
Date Collected: 10/03/23 09:25						Lub Gump		: 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 Samp	le ID: 570-155	
Date Collected: 10/03/23 09:30							Matrix	: Solid
Date Received: 10/04/23 09:35					_	_		
Analyte		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 Samp	le ID: 570-155	226-36
Date Collected: 10/03/23 09:30								: 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'						Lah Samn	le ID: 570-155	226-37
Client Sample ID: B-13 @ 0.5' Date Collected: 10/03/23 09:35						Lab Samp	le ID: 570-155 Matrix	
Date Collected: 10/03/23 09:35	·					Lab Samp		226-37 : Solid
Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35	·	Qualifier	RL	Unit	D		Matrix	: Solid
Date Collected: 10/03/23 09:35	·	Qualifier	RL	Unit NONE	<u>D</u>	Lab Samp		
Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited	Result	Qualifier	RL		<u>D</u>	Prepared	Matrix Analyzed 10/09/23 11:20	Dil Fac
Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-13 @ 2.5'	Result	Qualifier	RL		<u>D</u>	Prepared	Matrix Analyzed 10/09/23 11:20	Dil Fac 1 226-38
Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-13 @ 2.5' Date Collected: 10/03/23 09:35	Result	Qualifier	RL		<u>D</u>	Prepared	Matrix Analyzed 10/09/23 11:20	Dil Fac
Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-13 @ 2.5' Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35	Result yes			NONE		Prepared Lab Samp	Matrix Analyzed 10/09/23 11:20 Ile ID: 570-155 Matrix	Dil Fac 1 226-38 :: Solid
Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-13 @ 2.5' Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte	Result yes Result	Qualifier	RL RL	NONE	D_	Prepared	### Matrix ### Analyzed Analyzed	Dil Fac 1 226-38 Solid Dil Fac
Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-13 @ 2.5' Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35	Result yes			NONE		Prepared Lab Samp	Matrix Analyzed 10/09/23 11:20 Ile ID: 570-155 Matrix	Dil Fac 1 226-38 :: Solid
Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-13 @ 2.5' Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-14 @ 0.5'	Result yes Result			NONE		Prepared Lab Samp Prepared	### Matrix ### Analyzed Analyzed	Dil Fac 226-38 Solid Dil Fac 1
Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-13 @ 2.5' Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited	Result yes Result			NONE		Prepared Lab Samp Prepared	Matrix Analyzed 10/09/23 11:20 Ile ID: 570-155 Matrix Analyzed 10/09/23 11:20 Ile ID: 570-155	Dil Fac 226-38 Solid Dil Fac 1
Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-13 @ 2.5' Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-14 @ 0.5' Date Collected: 10/03/23 09:40 Date Received: 10/04/23 09:35	Result yes Result yes	Qualifier		Unit NONE		Prepared Lab Samp Prepared Lab Samp	Analyzed 10/09/23 11:20 Ne ID: 570-155 Matrix Analyzed 10/09/23 11:20 Ne ID: 570-155 Matrix	Dil Fac 1 226-38 Solid Dil Fac 1 226-39 Solid
Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-13 @ 2.5' Date Collected: 10/03/23 09:35 Date Received: 10/04/23 09:35 Analyte Composited Client Sample ID: B-14 @ 0.5' Date Collected: 10/03/23 09:40	Result yes Result yes			NONE		Prepared Lab Samp Prepared	Matrix Analyzed 10/09/23 11:20 Ile ID: 570-155 Matrix Analyzed 10/09/23 11:20 Ile ID: 570-155	226-38 :: Solid Dil Fac :: Solid Dil Fac 1

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Lab Sample ID: 570-155226-40

Analyzed

10/09/23 11:22

Prepared

RL

Unit

NONE

Result Qualifier

yes

Matrix: Solid

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11 12

13

14

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: Composite - Sample Compositing

Client Sample ID: B-17 @ 0.5'

Date Collected: 10/03/23 10:05

Date Received: 10/04/23 09:35

Analyte

Client Sample ID: B-15 @ 0.5' Date Collected: 10/03/23 09:45						Lab Samp	le ID: 570-15 Matri	5226-41 x: 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 Samp	ole ID: 570-15	5226-42
Date Collected: 10/03/23 09:45 Date Received: 10/04/23 09:35							Matri	x: Solid
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' Date Collected: 10/03/23 09:55 Date Received: 10/04/23 09:35						Lab Samp	ole ID: 570-15 Matri	5226-43 x: Solid
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE		<u> </u>	10/09/23 11:22	1
Client Sample ID: B-16 @ 2.5'						Lab Samp	ole ID: 570-15	5226-44
Date Collected: 10/03/23 09:55						•	Matri	x: 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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			10/09/23 11:22	1
						1 -1 0	L ID 570 455	000.40

Cheff Sample ID. D-17 @ 2.3	Lab Salliple ID. 370-133220-40
Date Collected: 10/03/23 10:05	Matrix: Solid
Date Received: 10/04/23 09:35	

RL

Composited	yes	NONE	10/09/23 11:22	1
Г				

Result Qualifier

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
Data Danais and 40/04/00 00:05	

Date Received: 10/04/23 09:35							Macin	. Jona
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			10/09/23 11:22	1
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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

Unit

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Lab Sample ID: 570-155226-45

Analyzed

Prepared

Matrix: Solid

Dil Fac

Project/Site: Oak Ridge Elementary School / SCUS-08.0

moundair somposite sump	<u> </u>							
Client Sample ID: B-19 @ 2.5'						Lab Samp	le ID: 570-155	5226-50
Date Collected: 10/03/23 10:15								c: 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'						Lah Samp	le ID: 570-155	5226-51
Date Collected: 10/03/23 10:20								c: Solid
Date Received: 10/04/23 09:35							Matrix	Jona
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 Samp	le ID: 570-155	5226-52
Date Collected: 10/03/23 10:20							Matrix	c: 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 Samp	le ID: 570-155	5226-53
Date Collected: 10/03/23 10:25						•		c: 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'						Lah Samn	le ID: 570-155	5226-54
Date Collected: 10/03/23 10:25						Lub Gump		c: Solid
Date Received: 10/04/23 09:35								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE		<u>.</u>	10/09/23 11:22	1
Client Sample ID: B-22 @ 0.5'						Lab Samp	le ID: 570-155	
Date Collected: 10/03/23 10:40							Matrix	c: Solid
Date Received: 10/04/23 09:35					_			
Analyte		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 Samp	le ID: 570-155	5226-56
Date Collected: 10/03/23 10:40								c: 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'						Lah Samn	le ID: 570-155	5226-57
Date Collected: 10/03/23 10:45						_us oump		c: Solid
Date Received: 10/04/23 09:35							Widt IZ	55114
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			10/09/23 13:03	1
_ · · · · · · · · · · · · · · · · · · ·	, 55							•

Matrix: Solid

Lab Sample ID: 570-155226-58

Analyzed

10/09/23 13:03

Prepared

RL

Unit

NONE

yes

Result Qualifier

Client Sample ID: B-23 @ 2.5'

Date Collected: 10/03/23 10:45

Date Received: 10/04/23 09:35

Analyte

Composited

Client Sample Results

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'

Composited

Client Sample ID: B-27 @ 0.5'

Date Collected: 10/03/23 11:05

Date Received: 10/04/23 09:35

Date Collected: 10/03/23 10:50							Matri	x: 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 Comple ID: B 24 @ 2 F!						Lab Cama	Io ID: 570 45	E006 60
Client Sample ID: B-24 @ 2.5'						Lab Samp	le ID: 570-15	
Date Collected: 10/03/23 10:50							Matri	x: 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-25 @ 0.5'						Lab Samp	le ID: 570-15	5226-61
Date Collected: 10/03/23 10:55								x: 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-25 @ 2.5'						Lab Samp	le ID: 570-15	5226-62
Date Collected: 10/03/23 10:55								x: 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 Comple ID: B 20 @ 2 El						Lab Caman	I- ID: 570 45	E000 04
Client Sample ID: B-26 @ 2.5'						Lab Samp	le ID: 570-15	
Date Collected: 10/03/23 11:00							Matri	x: Solid
Date Received: 10/04/23 09:35					_	_		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			10/09/23 13:03	1
_								

yes

NONE

Client Sample ID: B-27 @ 2.5'

Date Collected: 10/03/23 11:05

Lab Sample ID: 570-155226-66

Matrix: Solid

 Date Received: 10/04/23 09:35

 Analyte
 Result Composited
 Qualifier yes
 RL NONE
 Unit NONE
 D Prepared NONE
 Analyzed Analyzed Dil Fac 10/09/23 13:03
 D NONE

10/17/2023 (Rev. 1)

Lab Sample ID: 570-155226-59

10/09/23 13:03

Matrix: Solid

Lab Sample ID: 570-155226-65

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid Prep Type: Total/NA

			Perc	ent 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-x	ylene (Surr)			
DCB = DCB Decachlor	obiphenyl (Surr)			

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid Prep Type: Total/NA

			Percer	t 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	

Method: 8081A - Organochlorine Pesticides (GC)

DCB = DCB Decachlorobiphenyl (Surr)

Matrix: Solid Prep Type: Total/NA

			Pe	ercent 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	

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

Matrix: Solid Prep Type: Total/NA

			Per	cent Surrogate Red
		TCX2	DCB1	
Lab Sample ID	Client Sample ID	(38-148)	(37-151)	
570-155226-72 E	B-7, B-8 @ 0.5' Composite	82	92	
570-155226-77 E	B-9, B-10 @ 2.5' Composite	72	73	
	B-9 DUP, B-10 DUP @ 0.5' Composite	75	90	
	B-11, B-12, B-13 @ 0.5' Composite	82	90	
570-155226-82 E	3-14, B-15 @ 0.5' Composite	81	94	
570-155226-83 E	3-14, B-15 @ 2.5' Composite	86	99	
	B-19, B-20, B-21 @ 0.5' Composite	58	66	
LCSD 570-372790/3-A	_ab Control Sample Dup	73	71	
Surrogate Legend				
TCX = Tetrachloro-m-xylene	e (Surr)			
DCB = DCB Decachlorobiph	nenyl (Surr)			

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid Prep Type: Total/NA

			Perce	ent 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

			Per	cent Surrogate
		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	

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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)

Prep Type: Total/NA Matrix: Solid

			Perc	ent Surrogate Reco	overy (Ac
		DCB1	TCX1		
Lab Sample ID CI	ient Sample ID	(20-120)	(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 La	b Control Sample	63	68		
LCS 570-372533/2-A La	b Control Sample	40	53		
LCSD 570-371520/3-A La	b Control Sample Dup	65	70		
	b Control Sample Dup	28	35		
MB 570-371520/1-A Me	ethod Blank	70	74		
MB 570-372533/1-A Me	ethod Blank	45	50		
Surrogate Legend					
DCB = DCB Decachlorobiphe					
TCX = Tetrachloro-m-xylene ((Surr)				

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QC Sample Results

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: 8081A - Organochlorine Pesticides (GC)

MB MB

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	Result Qualifie	er RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

MB MB

Limits Surrogate %Recovery Qualifier 83 Tetrachloro-m-xylene (Surr) 38 - 148 DCB Decachlorobiphenyl (Surr) 72 37 - 151

Prepared Dil Fac Analyzed <u>10/11/23 08:21</u> <u>10/14/23 17:00</u> 10/11/23 08:21 10/14/23 17:00

Lab Sample ID: LCS 570-372532/2-A

Matrix: Solid

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Analysis Batch: 373600	Spike	LCS	LCS				Prep Batch: 372532 %Rec
Analyte	Added	Result	Qualifier	Unit	D	%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

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Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

Lab Sample ID: LCS 570-372532/2-A

Lab Sample ID: LCSD 570-372532/3-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 373600

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 372532

Spike	LUS LU	5		%Rec	
Added	Result Qu	alifier Unit	D %R	lec Limits	
25.0	32.56	ug/Kg		30 52 - 144	
25.0	27.47	ug/Kg	1	110 54 - 141	
25.0	30.63	ug/Kg	1	23 47 - 148	
	Added 25.0 25.0	Added Result Qu 25.0 32.56 25.0 27.47	Added Result Qualifier Unit 25.0 32.56 ug/Kg 25.0 27.47 ug/Kg	Added Result Qualifier Unit D %R 25.0 32.56 ug/Kg 1 25.0 27.47 ug/Kg 2	Added Result 25.0 Qualifier 325.0 Unit ug/Kg D %Rec 25.0 Limits 325.144 25.0 27.47 ug/Kg 110 54 - 141

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene (Surr)	93		38 - 148
DCB Decachlorobiphenyl (Surr)	87		37 - 151

Client Sample ID: Lab Control Sample Dup

Prep Batch: 372532

Prep Type: Total/NA

RPD RPD Limit

Analysis Batch: 373600 Spike LCSD LCSD %Rec Analyte Added Result Qualifier Unit D %Rec Limits 4,4'-DDD 25.0 25.19 54 - 154 ug/Kg 101 11 30 4,4'-DDE 25.0 22.13 ug/Kg 89 51 - 149 10 28 110 4,4'-DDT 25.0 27.51 ug/Kg 39 - 152 15 31 25.0 52 - 138 9 Aldrin 21.92 ug/Kg 88 30 25.0 alpha-BHC 26.06 104 51 - 140 29 ug/Kg 11 cis-Chlordane 25.0 24.53 ug/Kg 98 53 - 141 10 28 beta-BHC 25.0 24.83 99 53 - 141 29 ug/Kg 11 delta-BHC 25.0 23.60 ug/Kg 94 20 - 132 12 40 Dieldrin 25.0 24.00 96 52 - 144 10 28 ug/Kg Endosulfan I 25.0 23.99 ug/Kg 96 49 - 139 10 28 Endosulfan II 25.0 24.32 97 51 - 150 29 10 ug/Kg 25.0 Endosulfan sulfate 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 25.0 99 51 - 150 Endrin ketone 24.81 ug/Kg 10 30 25.0 28.28 gamma-BHC (Lindane) ug/Kg 113 53 - 141 11 29 trans-Chlordane 25.0 25.40 ug/Kg 102 46 - 156 10 39

25.0

25.0

25.0

29.32

24.54

26.71

ug/Kg

ug/Kg

ug/Kg

LCSD LCSD

Surrogate	%Recovery	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

Heptachlor

Methoxychlor

Heptachlor epoxide

Analysis Batch: 372866

Client Sample ID: Method Blank Prep Type: Total/NA

52 - 144

54 - 141

47 - 148

117

98

107

Prep Batch: 372790

10

14

29

29

29

	MB	MB						
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 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

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Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

,								
	MB M	IB .						
Analyte	Result Q	ualifier RL	Unit	D	Prepared	Analyzed	Dil Fac	
cis-Chlordane	ND 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	

MB MB

Surrogate	%Recovery 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

Client Sample II	D: Lab Control Sample
	Prep Type: Total/NA

Analysis Batch: 372866							Prep Batch: 372790
	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%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

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

LCS LCS

Surrogate%RecoveryQualifierLimitsTetrachloro-m-xylene (Surr)7438 - 148DCB Decachlorobiphenyl (Surr)7137 - 151

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

8

Prep Batch: 372790

Lab Sample ID: LCSD 570-372790/3-A Matrix: Solid

Matrix. John

Analysis Batch: 372866

-	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

LCSD LCSD

Surrogate%RecoveryQualifierLimitsTetrachloro-m-xylene (Surr)7338 - 148DCB Decachlorobiphenyl (Surr)7137 - 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

	MB	MB						
Analyte	Result	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

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Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

Analyzed

MB MB

%Recovery Qualifier Limits Surrogate DCB Decachlorobiphenyl (Surr) 70 20 - 120 Tetrachloro-m-xylene (Surr) 74 25 - 120

10/07/23 10:19 10/09/23 11:44 10/07/23 10:19 10/09/23 11:44

Prepared

Lab Sample ID: LCS 570-371520/2-A

Lab Sample ID: LCSD 570-371520/3-A

Matrix: Solid

Analysis Batch: 371776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 371520**

LCS LCS %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits PCB-1016 100 73 16 ug/Kg 73 53 - 133 PCB-1260 100 80.76 ug/Kg 81 39 - 140

LCS LCS

Surrogate %Recovery Qualifier Limits 20 - 120 DCB Decachlorobiphenyl (Surr) 63 Tetrachloro-m-xylene (Surr) 68 25 - 120

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 371776

Prep Type: Total/NA

Prep Batch: 371520

Spike LCSD LCSD %Rec **RPD** RPD Added Result Qualifier D %Rec Limits Limit Analyte Unit PCB-1016 100 79.10 79 53 - 133 32 ug/Kg 8 PCB-1260 100 87 86.82 ug/Kg 39 - 140 7 40

LCSD LCSD

Surrogate %Recovery Qualifier Limits 20 - 120 DCB Decachlorobiphenyl (Surr) 65 25 - 120 Tetrachloro-m-xylene (Surr) 70

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

Matrix: Solid

Analysis Batch: 371776

Prep Type: Total/NA

Prep Batch: 371520

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Unit D %Rec Limits

Analyte PCB-1016 ND 98.6 77.08 ug/Kg 78 20 - 162 PCB-1260 ND 98.6 94.44 ug/Kg 96 20 - 155

MS MS

Surrogate %Recovery Qualifier Limits DCB Decachlorobiphenyl (Surr) 76 20 - 120 Tetrachloro-m-xylene (Surr) 74 25 - 120

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

Matrix: Solid

Analysis Batch: 371776

Prep Type: Total/NA

Prep Batch: 371520

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

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Dil Fac

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	72		20 - 120
Tetrachloro-m-xylene (Surr)	68		25 - 120

Lab Sample ID: MB 570-372533/1-A **Client Sample ID: Method Blank**

Matrix: Solid

Analysis Batch: 373061 MB MB

Prep Type: Total/NA

Prep Batch: 372533

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac PCB-1016 ND 50 ug/Kg 10/11/23 08:25 10/12/23 12:24 PCB-1221 ND 50 ug/Kg 10/11/23 08:25 10/12/23 12:24 PCB-1232 ND 50 ug/Kg 10/11/23 08:25 10/12/23 12:24 PCB-1242 ND 50 ug/Kg 10/11/23 08:25 10/12/23 12:24 PCB-1248 ND 50 ug/Kg 10/11/23 08:25 10/12/23 12:24 ND 50 ug/Kg PCB-1254 10/11/23 08:25 10/12/23 12:24 PCB-1260 ND 50 10/11/23 08:25 10/12/23 12:24 ug/Kg

MB MB

Surrogate	%Recovery 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-xvlene (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

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits PCB-1016 100 57.24 ug/Ka 57 53 - 133 PCB-1260 100 50.65 ug/Kg 51 39 - 140

LCS LCS

Surrogate	%Recovery Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	40	20 - 120
Tetrachloro-m-xvlene (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**

LCSD LCSD Spike %Rec **RPD** Analyte Added Result Qualifier D %Rec Limits **RPD** Limit Unit PCB-1016 100 55.23 ug/Kg 55 53 - 133 4 32 PCB-1260 100 52.60 53 ug/Kg 39 - 14040

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	28		20 - 120
Tetrachloro-m-xylene (Surr)	35		25 - 120

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RL

1.98

Spike

Added

49.8

Spike

Added

49.8

Spike

Added

50.3

Spike

Added

49.5

Spike

Added

50.3

Spike

Added

49.8

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Unit

LCS LCS

LCSD LCSD

MS MS

MSD MSD

LCS LCS

LCSD LCSD

Result Qualifier

48.05

47.67

Result Qualifier

Result Qualifier

Result Qualifier

Result Qualifier

47.48

46.28

62.02

66.31

RL

1.97

Result Qualifier

mg/Kg

Unit

Unit

Unit

Unit

Unit

Unit

mg/Kg

mg/Kg

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

Job ID: 570-155226-1

Dil Fac

Client: PlaceWorks, Inc.

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-373166/1-A ^5

Matrix: Solid

Analysis Batch: 373570

Lead

Lead

Lead

MB MB

Result Qualifier Analyte

ND

Sample Sample

Sample Sample

Result Qualifier

Result Qualifier

ND

15.3

Result Qualifier

Lab Sample ID: LCS 570-373166/2-A ^5 **Matrix: Solid**

Analysis Batch: 373570

Analyte

Lab Sample ID: LCSD 570-373166/3-A ^5

Matrix: Solid

Analysis Batch: 373570

Analyte Lead

Lab Sample ID: 570-155226-15 MS

Matrix: Solid

Analysis Batch: 373570

Analyte

Lab Sample ID: 570-155226-15 MSD

Matrix: Solid

Analysis Batch: 373570

Analyte

Lead

Lab Sample ID: MB 570-373330/1-A ^5

Matrix: Solid

Analyte

Analysis Batch: 373526

MB MB

Lead

Lab Sample ID: LCS 570-373330/2-A ^5

Matrix: Solid

Analysis Batch: 373526

Analyte Lead

Lead

Lab Sample ID: LCSD 570-373330/3-A ^5

Matrix: Solid

Analysis Batch: 373526

Analyte

Client Sample ID: Method Blank

Analyzed

Prep Type: Total/NA

Prep Batch: 373166

10/12/23 16:07 10/13/23 12:58

Client Sample ID: Lab Control Sample

Prepared

Prep Type: Total/NA

Prep Batch: 373166

%Rec

D %Rec Limits 80 - 120 95

Client Sample ID: Lab Control Sample Dup

%Rec

%Rec

%Rec

96

103

93

Prep Type: Total/NA **Prep Batch: 373166**

%Rec **RPD**

Limits RPD Limit

80 - 120

Client Sample ID: B-6 @ 0.5'

Prep Type: Total/NA

Prep Batch: 373166

%Rec

%Rec Limits

75 - 125

Client Sample ID: B-6 @ 0.5'

Prep Type: Total/NA

Prep Batch: 373166

%Rec **RPD**

Limits Limit

75 - 125

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 373330

Analyzed Dil Fac

Prepared 10/13/23 05:52 10/13/23 11:49

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 373330

%Rec

Limits

D %Rec 96 80 - 120

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Prep Batch: 373330

RPD

%Rec Limits RPD Limit

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20

80 - 120

QC Sample Results

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: 6010B - Metals (ICP)

Lab Sample ID: 570-155226-37 MS Client Sample ID: B-13 @ 0.5' **Prep Type: Total/NA**

Matrix: Solid

Analysis Batch: 373526 Prep Batch: 373330

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits 49.0 75 - 125 Lead 27.3 76.81 mg/Kg 101

Lab Sample ID: 570-155226-37 MSD Client Sample ID: B-13 @ 0.5' Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 373526

Prep Batch: 373330 Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit

27.3 49.3 69.59 86 75 - 125 20 Lead mg/Kg 10

Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

GC Semi VOA

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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Client: PlaceWorks, Inc.

Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

GC Semi VOA

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	

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Project/Site: Oak Ridge Elementary School / SCUS-08.0

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 MB 570-372533/1-A	Client Sample ID Method Blank	Prep Type Total/NA	Matrix Solid	Method 8082	Prep Batch 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

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Client: PlaceWorks, Inc.

Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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 Bato	h
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	

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Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

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Client: PlaceWorks, Inc.

Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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	

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Client: PlaceWorks, Inc. Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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'

Date Collected: 10/03/23 07:40 Date Received: 10/04/23 09:35 Lab Sample ID: 570-155226-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	W8MO	EET CAL 4
	Instrumen	it ID: GC64A								

Initial

Amount

19.36 g

1 mL

Final

Amount

10 mL

1 mL

371776

Dil

Factor

Client Sample ID: T-1 DUP @ 0.5'

Batch

Type

Prep

Analysis

Batch

3546

8082

Instrument ID: GC64A

Method

Date Collected: 10/03/23 07:45 Date Received: 10/04/23 09:35

Prep Type

Total/NA

Total/NA

Lab Sample ID: 570-155226-3
Matrix: Solid

 Batch
 Prepared

 Number
 or Analyzed
 Analyst
 Lab

 371520
 10/07/23 10:19
 E5RH
 EET CAL 4

10/09/23 12:56 OM8W

Client Sample ID: B-1 @ 0.5'

Run

Date Collected: 10/03/23 07:50

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-5

Matrix: Solid

EET CAL 4

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Type Method Run **Factor** Amount Amount Number 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 mL 371776 EET CAL 4 1 1 mL 10/09/23 13:14 OM8W Instrument ID: GC64A Total/NA 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 371836 10/09/23 11:19 KZX6 EET CAL 4 Composite Instrument ID: NOEQUIP

Client Sample ID: B-1 @ 2.5'

Date Collected: 10/03/23 07:50 Date Received: 10/04/23 09:35 Lab Sample ID: 570-155226-6 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrumer	nt ID: NOFOLIIP								

Client Sample ID: B-2 @ 0.5'

Date Collected: 10/03/23 08:00

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumen	8082 nt ID: GC64A		1	1 mL	1 mL	371776	10/09/23 13:32	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.03 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis Instrumen	6010B nt ID: ICP10		5			373570	10/13/23 13:26	VZ0K	EET CAL 4

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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'

Date Collected: 10/03/23 08:00 Date Received: 10/04/23 09:35 Lab Sample ID: 570-155226-7

Matrix: Solid

Dil Initial Batch Batch Batch Final **Prepared** Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed Analyst Lab Total/NA Analysis Composite 371836 10/09/23 11:19 KZX6 EET CAL 4

Client Sample ID: B-2 @ 2.5'

Date Collected: 10/03/23 08:00 Date Received: 10/04/23 09:35 Lab Sample ID: 570-155226-8

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Type Method Run Factor **Amount** Amount Number or Analyzed Analyst Lab Total/NA Analysis Composite 371836 10/09/23 11:19 KZX6 EET CAL 4 Instrument ID: NOEQUIP

Client Sample ID: B-3 @ 0.5'

Date Collected: 10/03/23 08:05

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-9

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumen	8082 at ID: GC64A		1	1 mL	1 mL	371776	10/09/23 13:50	W8MO	EET CAL 4
Total/NA	Prep	3050B			1.95 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis Instrumen	6010B at ID: ICP10		5			373570	10/13/23 13:28	VZ0K	EET CAL 4
Total/NA	Analysis Instrumen	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4

Client Sample ID: B-3 @ 2.5'

Date Collected: 10/03/23 08:05

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-10

Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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'

Date Collected: 10/03/23 08:15

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-11

Matrix: Solid

Prep Type Total/NA Total/NA	Batch Type Prep Analysis Instrumen	Batch Method 3546 8082 at ID: GC64A	Run	Dil Factor	Initial Amount 19.08 g 1 mL	Final Amount 10 mL 1 mL	Batch Number 371520 371776	Prepared or Analyzed 10/07/23 10:19 10/09/23 14:45		EET CAL 4
Total/NA Total/NA	Prep Analysis Instrumen	3050B 6010B at ID: ICP10		5	1.99 g	50 mL	373166 373570	10/12/23 16:07 10/13/23 13:31	RL6Q VZ0K	EET CAL 4 EET CAL 4
Total/NA	Analysis Instrumen	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4

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Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-4 @ 2.5'

Client: PlaceWorks, Inc.

Date Collected: 10/03/23 08:15 Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-12

Lab Sample ID: 570-155226-14

Lab Sample ID: 570-155226-15

Lab Sample ID: 570-155226-16

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

Batch Dil Initial Batch Batch Final Prepared Method or Analyzed **Prep Type** Type Run **Factor** Amount Amount Number Analyst Total/NA 371836 10/09/23 11:19 KZX6 EET CAL 4 Analysis Composite Instrument ID: NOEQUIP

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

Date Collected: 10/03/23 08:25 Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	8082 t ID: GC64A		1	1 mL	1 mL	371776	10/09/23 15:03	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.02 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis Instrumer	6010B at ID: ICP10		5			373570	10/13/23 13:33	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4

Client Sample ID: B-5 @ 2.5'

Date Collected: 10/03/23 08:25

Date Received: 10/04/23 09:35

Г	D-4-b	D. C. I.		D.II	1-141-1	Et	D - 4 - 1-	B		
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrumer	t ID: NOEQUIP								

Client Sample ID: B-6 @ 0.5'

Date Collected: 10/03/23 08:30

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	8082 at ID: GC64A		1	1 mL	1 mL	371776	10/09/23 15:21	W8MO	EET CAL 4
Total/NA	Prep	3050B			1.98 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis Instrumer	6010B at ID: ICP10		5			373570	10/13/23 13:07	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4

Client Sample ID: B-6 @ 2.5'

Date Collected: 10/03/23 08:30

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	Analvsis	Composite	– Kuli	1	Alliount	Alliount	371836	10/09/23 11:19		EET CAL 4
Total/INA	Instrumen	•		'			37 1030	10/03/23 11.13	ΝΖΛΟ	LLI OAL4

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Matrix: Solid

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Project/Site: Oak Ridge Elementary School / SCUS-08.0

Instrument ID: NOEQUIP

Client Sample ID: B-7 @ 0.5'

Date Collected: 10/03/23 08:45 Date Received: 10/04/23 09:35

Client: PlaceWorks, Inc.

Lab Sample ID: 570-155226-17

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	8082 nt ID: GC64A		1	1 mL	1 mL	371776	10/09/23 15:39	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.05 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis Instrumer	6010B nt ID: ICP10		5			373570	10/13/23 13:35	VZ0K	EET CAL 4
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4

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

Date Collected: 10/03/23 08:45

Date Received: 10/04/23 09:35

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrumen	t ID: NOEQUIP								

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**

Lab Sample ID: 570-155226-20

Dil Initial Batch Batch Batch Final Prepared **Prep Type** Type Method Factor **Amount** Amount Number or Analyzed Run Analyst Lab Prep 10/07/23 10:19 E5RH Total/NA 3546 371520 EET CAL 4 20.49 g 10 mL Total/NA Analysis 8082 1 mL 1 mL 371776 10/09/23 15:57 OM8W EET CAL 4 Instrument ID: GC64A Total/NA 3050B 2.04 g 50 mL 10/12/23 16:07 RL6Q **EET CAL 4** Prep 373166 Total/NA 6010B Analysis 5 373570 10/13/23 13:38 VZ0K **EET CAL 4** Instrument ID: ICP10 Total/NA Analysis 371836 10/09/23 11:20 KZX6 **EET CAL 4** Composite 1 Instrument ID: NOEQUIP

Client Sample ID: B-7 DUP @ 2.5'

Date Collected: 10/03/23 08:50

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
	Instrumen	t ID: NOFOLIP								

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Matrix: Solid

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

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	W8MO	EET CAL 4
	Instrumen	t 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
	Instrumen	t ID: ICP10								
Total/NA	Analysis	Composite		1			371836	10/09/23 11:19	KZX6	EET CAL 4
	Instrumen	t ID: NOEQUIP								

Client Sample ID: B-8 @ 2.5'

Date Collected: 10/03/23 08:55 Date Received: 10/04/23 09:35 Lab Sample ID: 570-155226-22

Matrix: Solid

Dil Batch Batch Initial Final **Batch** Prepared **Prep Type** Туре Method Run **Factor Amount Amount** Number or Analyzed Analyst Lab Composite Total/NA Analysis 371836 10/09/23 11:20 KZX6 EET CAL 4 Instrument ID: NOEQUIP

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

Lab Sample ID: 570-155226-24

Matrix: Solid

Matrix: Solid

Prep Type Total/NA Total/NA	Type Prep Analysis	Batch Method 3546 8082	Run	Dil Factor	Amount 20.44 g 1 mL	Final Amount 10 mL 1 mL	Batch Number 371520 371776	Prepared or Analyzed 10/07/23 10:19 10/09/23 18:23		EET CAL 4
Total/NA Total/NA	Prep Analysis	3050B 6010B at ID: ICP10		5	2.02 g	50 mL	373166 373570	10/12/23 16:07 10/13/23 13:43		EET CAL 4 EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4

Client Sample ID: B-8 DUP @ 2.5'

Date Collected: 10/03/23 09:00

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
	Instrumen	t ID: NOFOLIP								

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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

Client: PlaceWorks, Inc.

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	W8MO	EET CAL 4
	Instrumer	t 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
	Instrumer	it ID: ICP10								
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrumer	t ID: NOEQUIP								

Client Sample ID: B-9 @ 2.5'

Lab Sample ID: 570-155226-26 Date Collected: 10/03/23 09:05

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

Lab Sample ID: 570-155226-27

Lab Sample ID: 570-155226-28

Lab Sample ID: 570-155226-29

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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'

Date Collected: 10/03/23 09:10

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumen	6010B at ID: ICP10		5			373570	10/13/23 13:59	VZ0K	EET CAL 4
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4

Client Sample ID: B-9 DUP @ 2.5'

Date Collected: 10/03/23 09:10

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
	Inetrumon	STID: NOEOLIB								

Client Sample ID: B-10 @ 0.5'

Date Collected: 10/03/23 09:15

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	W8MO	EET CAL 4
	Instrumer	nt ID: GC64A								

Client: PlaceWorks, Inc.

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-10 @ 0.5'

Date Collected: 10/03/23 09:15 Date Received: 10/04/23 09:35 Lab Sample ID: 570-155226-29

Matrix: Solid

Job ID: 570-155226-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B nt ID: ICP10		5			373570	10/13/23 14:02	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite nt ID: NOEQUIP		1			371836	10/09/23 11:20	KZX6	EET CAL 4

Client Sample ID: B-10 @ 2.5'

Date Collected: 10/03/23 09:15

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-30

Lab Sample ID: 570-155226-31

Lab Sample ID: 570-155226-32

Lab Sample ID: 570-155226-33

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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'

Date Collected: 10/03/23 09:20

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B at ID: ICP10		5			373570	10/13/23 14:04	VZ0K	EET CAL 4
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4

Client Sample ID: B-10 DUP @ 2.5'

Instrument ID: NOEQUIP

Date Collected: 10/03/23 09:20

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
	Instrumer	nt ID: NOEQUIP								

Client Sample ID: B-11 @ 0.5'

Date Collected: 10/03/23 09:25

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	8082 at ID: GC64A		1	1 mL	1 mL	371776	10/09/23 19:17	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.03 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis Instrumer	6010B at ID: ICP10		5			373570	10/13/23 14:07	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4

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Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-11 @ 2.5'

Date Collected: 10/03/23 09:25

Lab Sample ID: 570-155226-34

Matrix: Solid

Date Received: 10/04/23 09:35

Client: PlaceWorks, Inc.

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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'

Date Collected: 10/03/23 09:30 Date Received: 10/04/23 09:35 Lab Sample ID: 570-155226-35

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	W8MO	EET CAL 4
	Instrumer	t 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
	Instrumer	t ID: ICP10								
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrumer	t ID: NOEQUIP								

Client Sample ID: B-12 @ 2.5'

Date Collected: 10/03/23 09:30

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-36

Lab Sample ID: 570-155226-37

Lab Sample ID: 570-155226-38

Matrix: Solid

Matrix: Solid

Dil Batch Batch Initial Final Batch Prepared **Prep Type** Type Method **Amount** Amount Number or Analyzed Analyst Run **Factor** Lab Total/NA Analysis Composite 371836 10/09/23 11:20 KZX6 EET CAL 4 Instrument ID: NOEQUIP

Client Sample ID: B-13 @ 0.5'

Date Collected: 10/03/23 09:35

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumen	8082 nt ID: GC64A		1	1 mL	1 mL	371776	10/09/23 19:53	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.04 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis Instrumen	6010B nt ID: ICP10		5			373526	10/13/23 11:59	VZ0K	EET CAL 4
Total/NA	Analysis Instrumen	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4

Client Sample ID: B-13 @ 2.5'

Date Collected: 10/03/23 09:35

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
				- 40101	Amount	Amount				
Total/NA	Analysis	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4
	Instrumer	nt ID: NOEQUIP								

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Matrix: Solid

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-14 @ 0.5'

Date Collected: 10/03/23 09:40

Lab Sample ID: 570-155226-39

Matrix: Solid

Date Received: 10/04/23 09:35

Client: PlaceWorks, Inc.

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	8082 nt ID: GC64A		1	1 mL	1 mL	371776	10/09/23 20:12	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.00 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis Instrumer	6010B nt ID: ICP10		5			373570	10/13/23 14:12	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4

Client Sample ID: B-14 @ 2.5'

Date Collected: 10/03/23 09:40

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-40

Matrix: Solid

Dil Batch Batch Initial Final Batch Prepared **Prep Type** Туре Method Run Factor **Amount Amount** Number or Analyzed **Analyst** Lab Composite Total/NA Analysis 371836 10/09/23 11:22 KZX6 EET CAL 4 Instrument ID: NOEQUIP

Client Sample ID: B-15 @ 0.5'

Date Collected: 10/03/23 09:45

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-41

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	8082 nt ID: GC64A		1	1 mL	1 mL	371776	10/09/23 20:30	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.02 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis Instrumer	6010B nt ID: ICP10		5			373570	10/13/23 14:14	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371836	10/09/23 11:20	KZX6	EET CAL 4

Dil

Factor

Run

Initial

Amount

Final

Amount

Client Sample ID: B-15 @ 2.5'

Batch

Type

Analysis

Batch

Instrument ID: NOEQUIP

Method

Composite

Date Collected: 10/03/23 09:45

Date Received: 10/04/23 09:35

Prep Type

Total/NA

ID: 570-155226-42	Lab Sample
Matrix: Solid	

Batch	Prepared		
Number	or Analyzed	Analyst	Lab
371836	10/09/23 11:22	KZX6	EET CAL 4

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-16 @ 0.5'

Date Collected: 10/03/23 09:55

Lab Sample ID: 570-155226-43

Matrix: Solid

Date Received: 10/04/23 09:35

Client: PlaceWorks, Inc.

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	8082 nt ID: GC64A		1	1 mL	1 mL	373401	10/13/23 09:13	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.03 g	50 mL	373166	10/12/23 16:07	RL6Q	EET CAL 4
Total/NA	Analysis Instrumer	6010B at ID: ICP10		5			373570	10/13/23 14:16	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4

Client Sample ID: B-16 @ 2.5'

Date Collected: 10/03/23 09:55

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-44

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Type Method Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA Analysis Composite 371836 10/09/23 11:22 KZX6 EET CAL 4 Instrument ID: NOEQUIP

Client Sample ID: B-17 @ 0.5'

Date Collected: 10/03/23 10:05

Date Received: 10/04/23 09:35

Lab Sample ID: 570-155226-45 Matrix: Solid

Lab Sample ID: 570-155226-46

Dil Initial Batch Batch Final Batch Prepared **Prep Type** Type Method **Amount** Amount Number or Analyzed Run **Factor** Analyst Lab 10/11/23 08:25 E5RH Total/NA Prep 3546 372533 EET CAL 4 20.27 g 10 mL Total/NA Analysis 8082 1 mL 1 mL 373401 10/13/23 09:33 OM8W EET CAL 4 Instrument ID: GC64A Total/NA 3050B 10/12/23 16:07 RL6Q **EET CAL 4** Prep 2.01 g 50 mL 373166 Total/NA 6010B Analysis 5 373570 10/13/23 14:19 VZ0K **EET CAL 4** Instrument ID: ICP10 Total/NA Analysis 10/09/23 11:22 KZX6 **EET CAL 4** Composite 1 371836 Instrument ID: NOEQUIP

Client Sample ID: B-17 @ 2.5'

Date Collected: 10/03/23 10:05

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
	Instrumen	t ID: NOFOLIIP								

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Matrix: Solid

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

Client: PlaceWorks, Inc.

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	W8MO	EET CAL 4
	Instrumer	t 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
	Instrumer	it ID: ICP10								
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrumer	t 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

Dil Batch Batch Initial Final **Batch** Prepared **Prep Type** Туре Method Run **Factor** Amount **Amount** Number or Analyzed Analyst Lab Total/NA Analysis Composite 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	8082 at ID: GC64A		1	1 mL	1 mL	373401	10/13/23 10:09	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.03 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis Instrumer	6010B at ID: ICP10		5			373526	10/13/23 12:11	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371836	10/09/23 11:22	KZX6	EET CAL 4
	Instrumer	AT ID: NOFOLIIP								

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

Client: PlaceWorks, Inc.

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B nt ID: ICP10		5			373526	10/13/23 12:20	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite nt ID: NOEQUIP		1			371836	10/09/23 11:22	KZX6	EET CAL 4

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
	Instrumen	t 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

Dil Batch Batch Initial Final Batch Prepared **Prep Type** Type Method **Factor** Amount Amount Number or Analyzed Analyst Run Lab Total/NA 3050B 2.00 g 373330 10/13/23 05:52 GYR8 Prep 50 mL EET CAL 4 Total/NA 6010B 373526 10/13/23 12:23 VZ0K **EET CAL 4** Analysis 5 Instrument ID: ICP10 Total/NA Analysis 10/09/23 11:22 KZX6 **EET CAL 4** Composite 371836 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
	Instrumer	t ID: NOFOLIIP								

Client Sample ID: B-22 @ 0.5'

Date Collected: 10/03/23 10:40 **Matrix: Solid**

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	W8MO	EET CAL 4
	Instrumer	nt 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
	Instrumer	nt ID: ICP10								
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrumer	t ID: NOEQUIP								

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Lab Sample ID: 570-155226-55

Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-22 @ 2.5'

Date Collected: 10/03/23 10:40

Client: PlaceWorks, Inc.

Lab Sample ID: 570-155226-56

Lab Sample ID: 570-155226-58

Lab Sample ID: 570-155226-59

Lab Sample ID: 570-155226-60

Matrix: Solid

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrumon	+ ID: NOEOLIID								

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

Date Collected: 10/03/23 10:45 Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumen	8082 at ID: GC81A		1	1 mL	1 mL	373393	10/13/23 09:40	W8MO	EET CAL 4
Total/NA	Prep	3050B			1.99 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis Instrumen	6010B at ID: ICP10		5			373526	10/13/23 12:28	VZ0K	EET CAL 4
Total/NA	Analysis Instrumen	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4

Client Sample ID: B-23 @ 2.5'

Date Collected: 10/03/23 10:45

Date Received: 10/04/23 09:35

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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'

Date Collected: 10/03/23 10:50

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumen	8082 at ID: GC58		1	1 mL	1 mL	373397	10/13/23 09:16	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.02 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis Instrumen	6010B at ID: ICP10		5			373526	10/13/23 12:30	VZ0K	EET CAL 4
Total/NA	Analysis Instrumen	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4

Client Sample ID: B-24 @ 2.5'

Date Collected: 10/03/23 10:50

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrumen	t ID: NOEQUIP								

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Matrix: Solid

Matrix: Solid

Matrix: Solid

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-25 @ 0.5'

Date Collected: 10/03/23 10:55

Lab Sample ID: 570-155226-61

Matrix: Solid

Date Received: 10/04/23 09:35

Client: PlaceWorks, Inc.

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	8082 nt ID: GC58		1	1 mL	1 mL	373397	10/13/23 09:35	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.02 g	50 mL	373330	10/13/23 05:52	GYR8	EET CAL 4
Total/NA	Analysis Instrumer	6010B nt ID: ICP10		5			373526	10/13/23 12:33	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4

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

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Туре Method Run Factor Amount **Amount** Number or Analyzed Analyst Lab Total/NA Analysis Composite 371911 10/09/23 13:03 KZX6 EET CAL 4 Instrument ID: NOEQUIP

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

Lab Sample ID: 570-155226-65

Lab Sample ID: 570-155226-66

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrumer	nt ID: NOEQUIP								

Client Sample ID: B-27 @ 0.5'

Date Collected: 10/03/23 11:05

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumen	6010B at ID: ICP10		5			373526	10/13/23 12:35	VZ0K	EET CAL 4
Total/NA	Analysis Instrumen	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4

Client Sample ID: B-27 @ 2.5'

Date Collected: 10/03/23 11:05

Date Received: 10/04/23 09:35

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371911	10/09/23 13:03	KZX6	EET CAL 4
	Instrument	ID: NOEQUIP								

Job ID: 570-155226-1

Client: PlaceWorks, Inc.

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 **Matrix: Solid**

Date Collected: 10/03/23 00:00 Date Received: 10/04/23 09:35

Batch Dil Initial Batch Final Prepared Method Number **Prep Type** Type Run **Factor** Amount Amount or Analyzed Analyst Total/NA 3546 372532 10/11/23 08:22 E5RH EET CAL 4 Prep 20.04 g 10 mL Total/NA 8081A 373600 10/14/23 19:36 N5Y3 EET CAL 4 Analysis 1 mL 1 mL 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
	Instrumer	nt 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt 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
	Instrumer	nt 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	it 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
	Instrumer	it ID: GC52A								

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Client: PlaceWorks, Inc.

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

Lab Sample ID: 570-155226-74

Lab Sample ID: 570-155226-75

Lab Sample ID: 570-155226-76

Lab Sample ID: 570-155226-77

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	t ID: GC52A								

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	t 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
	Instrumer	t ID: GC52A								

Client Sample ID: B-7 DUP, B-8DUP @ 2.5' Composite

Date Collected: 10/03/23 00:00

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
	Instrumen	it ID: GC52A								

Client Sample ID: B-9, B-10 @ 0.5' Composite

Date Collected: 10/03/23 00:00

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

Client Sample ID: B-9, B-10 @ 2.5' Composite

Date Collected: 10/03/23 00:00

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

Client Sample ID: B-9 DUP, B-10 DUP @ 2.5' Composite

Lab Sample ID: 570-155226-79 **Matrix: Solid**

Date Collected: 10/03/23 00:00 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
	Instrumer	nt 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt 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

Date Received: 10/04/23 09:35

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt 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 Date Received: 10/04/23 09:35 Matrix: Solid

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			20.13 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
	Instrumer	nt ID: GC52A								

Job ID: 570-155226-1

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Client Sample ID: B-14, B-15 @ 2.5' Composite

Date Collected: 10/03/23 00:00 Date Received: 10/04/23 09:35

Client: PlaceWorks, Inc.

Lab Sample ID: 570-155226-83

Lab Sample ID: 570-155226-84

Lab Sample ID: 570-155226-85

Lab Sample ID: 570-155226-86

Lab Sample ID: 570-155226-87

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumen	t ID: GC52A								

Client Sample ID: B-16, B-17, B-18 @ 0.5' Composite

Date

Date

te Collected: 10/03/23 (00:00						Matrix: Solid
te Received: 10/04/23 0	09:35						
Batch	Batch	Dil	Initial	Final	Batch	Prepared	

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

Client Sample ID: B-16, B-17, B-18 @ 2.5' Composite

Date Collected: 10/03/23 00:00

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

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

Prep Type Total/NA	Batch Type Prep	Batch Method 3546	Run	Dil Factor	Amount 20.19 g	Final Amount 10 mL	Batch Number 372532	Prepared or Analyzed 10/11/23 08:22	Analyst E5RH	Lab EET CAL 4
Total/NA	Analysis Instrumer	8081A nt ID: GC52A		1	1 mL	1 mL	373824	10/15/23 02:56	N5Y3	EET CAL 4
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
	Instrumer	nt ID: GC52A								

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

Matrix: Solid

Matrix: Solid

Matrix: Solid

Lab Sample ID: 570-155226-89

Lab Sample ID: 570-155226-90

Lab Sample ID: 570-155226-91

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

Client: PlaceWorks, Inc.

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

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

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
	Instrumer	t ID: GC52A								

Client Sample ID: B-25, B-27 @ 0.5' Composite

Date Collected: 10/03/23 00:00

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

Client Sample ID: B-25, B-26, B-27 @ 2.5' Composite

Date Collected: 10/03/23 00:00

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

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

3546

Laboratory: Eurofins Calscience

8081A

Composite

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progr	am	Identification Number	Expiration Date
California	State		3082	07-31-24
,	es are included in this report does not offer certification	•	not certified by the governing authori	ity. This list may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8081A	3546	Solid	cis-Chlordane	

trans-Chlordane

Composited

Solid

Solid

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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

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Sample Summary

Client: PlaceWorks, Inc.

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		10/04/23 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		10/04/23 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		10/04/23 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		10/04/23 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		10/04/23 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		10/04/23 09:35
570-155226-35	B-12 @ 0.5'	Solid		10/04/23 09:35
570-155226-36	B-12 @ 2.5'	Solid		10/04/23 09:35
570-155226-37	B-13 @ 0.5'	Solid		10/04/23 09:35
570-155226-38	B-13 @ 2.5'	Solid		10/04/23 09:35
570-155226-39	B-14 @ 0.5'	Solid		10/04/23 09:35
570-155226-40	B-14 @ 2.5'	Solid		10/04/23 09:35
570-155226-41	B-15 @ 0.5'	Solid		10/04/23 09:35
570-155226-42	B-15 @ 2.5'	Solid		10/04/23 09:35
570-155226-43	B-16 @ 0.5'	Solid		10/04/23 09:35
570-155226-44	B-16 @ 2.5'	Solid		10/04/23 09:35
570-155226-45	B-17 @ 0.5'	Solid		10/04/23 09:35
570-155226-46	B-17 @ 2.5'	Solid		10/04/23 09:35
570-155226-47	B-18 @ 0.5'	Solid		10/04/23 09:35
570-155226-48	B-18 @ 2.5'	Solid		10/04/23 09:35
570-155226-49	B-19 @ 0.5'	Solid		10/04/23 09:35
570-155226-50	B-19 @ 2.5'	Solid		10/04/23 09:35
570-155226-51	B-20 @ 0.5'	Solid		10/04/23 09:35
570-155226-52	B-20 @ 2.5'	Solid		10/04/23 09:35
570-155226-53	B-21 @ 0.5'	Solid		10/04/23 09:35
570-155226-54	B-21 @ 2.5'	Solid		10/04/23 09:35
570-155226-55	B-22 @ 0.5'	Solid		10/04/23 09:35
570-155226-56	B-22 @ 2.5'	Solid	10/03/23 10:40	10/04/23 09:35

Job ID: 570-155226-1

Sample Summary

Client: PlaceWorks, Inc.

570-155226-90

570-155226-91

Project/Site: Oak Ridge Elementary School / SCUS-08.0

B-25, B-27 @ 0.5' Composite

B-25, B-26, B-27 @ 2.5' Composite

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

Solid

Solid

10/03/23 00:00 10/04/23 09:35

10/03/23 00:00 10/04/23 09:35

Job ID: 570-155226-1

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2841 Dow Avenue, Suite 100 Tustin. CA 92780 Phone (714) 895-5494		Chain	of Cus	tody R	ecor	d							•	eurofins Environment Te
	Sampler: Mile	s Barker		Lab F	M: npson, Lo	nri				Carrier	Tracking	No(s):		COC No:
Client Information Client Contact:	Phone: (909)	579-9161		E-Ma	l:					State o	of Origin:			Page:
Mike Watson Company:			PWSID:	Lori.	Thompso	n@et.	eurofi	nsus.co	m					Job#:
PlaceWorks, Inc.	In Data Ba		1					Analy	sis R	equest	ed			S
2850 Inland Empire Blvd Ste B	Due Date Red													Preservation Codes: M - Hexane
City: Ontario	TAT Request	ed (days): - 10-d e	nyo 3 0	Arre									1	B - NaOH O - AsNaO2
State, Zip: CA, 91764	Compliance	Project: ∆ Yes		V13										D - Nitric Acid
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909-579-9161(Tel) Email:	SCUS-08.0				No									H - Ascorbic Acid I - Ice T - TSP Dodecahydrate U - Acetone U - Acetone
mwatson@placeworks.com					r No)								ers	J - DI Water W - pH 4-5
Project Name: SCUS-08.0	Project #:				(Y) els 0								ntainers	L - EDA Y - Trizma Z - other (specify)
Site: Oak Ridge Elementary School	SSOW#:				Sens.								of col	Other:
Sample Identification	Sample D	Sample ate Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	2 5	EPA 8082	EPA 6010B	EPA 6010B Lead					Total Number	Special Instructions/Note:
				ation Code:	9 78 3							9 91		
T-1 @ 0.5'	10/3	7140	G	Solid		X								C = Composite Sample
T-1 @ 2.5'	1	7140	G	Solid										D = Discrete Sample; - Sample will be archived for possible future analysis
T-1 DUP @ 0.5'		7:45	G	Solid		x								DUP = Duplicate
T-1 DUP @ 2.5'		7145	G	Solid										EB = Equipment Blank
B-1 @ 0.5'		7150	G	Solid		×		х						
B-1 @ 2.5'		7:50	G	Solid	(:							- 12	
B-2 @ 0.5'		7,00	G	Solid		×		x					11	
B-2 @ 2.5'		8:44	G	Solid	,									
B-3 @ 0.5'		Sios	G	Solid	,	×		х	,					
B-3 @ 2.5'		5105	G	Solid	7								57	70-155226 Chain of Custody
B-4 @ 0.5'		5.15	G	Solid	7	×		х	\Box	11				
Possible Hazard Identification Non-Hazard Flammable Skin Irrita Deliverable Requested: I, II, III, IV, Other (specify)	nt Poison B] Radiological			Retur	n To	I (A fee Client ns/QC F		Dispo:	sed if s sal By La			nined longer than 1 month) This chive For Months
		la .				ai irist	uctio	IIS/QC F	require		lethod of S	·h:		
Empty Kit Relinquished by: Relinquished by:	Date/Time:	Date:		Company	Time:	ceived	by	2				Date/Time:		Company
Relinquished by:	e 10/3			Company Company		ceived		5				c/3/	23/	Company
	Date/Time	3 163	6	EETC) ["(verved	Jy.	A			245	Jate/Time:	1/2	2 095+ EC

Ver: 01/16/2019

Chain of Custody Record

eu	ro	fi	ns	
		• •		

Environment Testing

Client Information	Sampler: Miles Ba	ai Ref		Lab P Thor	трson,	Lori					Carnel	Tracking N	0(8):		COC No:		
Client Contact: Mike Watson	Phone: (909) 579-	-9161		E-Mai	il: Thomp:	son@	et.eu	rofins	us.con	n	State	of Origin:			Page:		
Company: PlaceWorks, Inc.			PWSID:	,			,				quest	ed			Job#:		
Address: 2850 Inland Empire Blvd Ste B	Due Date Reques	sted:						T			1			12	Preservation Codes:		
City:	TAT Requested (days):												100	B - NaOH N - None		
Ontario State, Zip;		1 0-d 4	75 3 O.	4.15										100	D - Nitrio Acid P - Na2O4S		
CA, 91764	Compliance Proj								+ 1						E - NaHSO4		
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0				(0)										G - Amchlor S - H2SO4 T - TSP Dodecahyd U - Acetone		
Email mwatson@placeworks.com	W/O #:				0 0		- 1							4	I - ICE V - MCAA		
Project Name:	Project #:				(Yes or or No)							11		ner	K - EDTA W - pH 4-5 Y - Trizma		
SCUS-08.0	,				(Yes				1 1					ntai	L - EDA Z - other (specify)		
Site: Oak Ridge Elementary School	SSOW#:				Samp SD (Y			9						oo jo	Other:		
		Sample	Sample Type (C=comp,	Matrix (W=water, S=solid. O=waste/oil.	ild Filtered rform MS/A	4 8081A	EPA 8082	A 6010B Lead						Total Number of containers			
Sample Identification	Sample Date	Time	G=grab)	BT=Tissue, A=Alr)	Fie	EPA	EPA S	EPA						P	Special Instructions/Note:		
	MEST CHEST		Preserv	ation Code:						19				1			
3-4 @ 2.5'	1013	895	G	Solid		С									C = Composite Sample		
3-5 @ 0.5'		8:25	G	Solid		С	х	Х							D = Discrete Sample; - Sample will be archived for possible future analysis		
3-5 @ 2.5'		8:25	G ,	Solid		С									DUP = Duplicate		
3-6 @ 0.5'		8:30	G	Solid		С	х	x							EB = Equipment Blank		
3-6 @ 2.5'		8:30	G	Solid		С								1			
3-7 @ 0.5'		8145	G	Solid		С	×	×									
3-7 @ 2.5'		8145	G	Solid		С											
3-7 DUP @ 0.5'		8:50	G	Solid		С	х	×									
3-7 DUP @ 2.5'		8:50	G	Solid		С								14			
3-8 @ 0.5'		8-55	G	Solid		С	X	X									
3-8 @ 2.5'	V	8:55	G	Solid		С								1			
Possible Hazard Identification					Sar	nple	Dispo	sal (A fee	may b	asses	sed if sai	mples are	reta	ined longer than 1 month)		
Non-Hazard Flammable Skin Irritant	Poison B Unkr	nown 🗀	Radiologica				turn 7					al By Lat		[⊥] A₁	rchive For Months		
Deliverable Requested: I, II, III, IV, Other (specify)					Spe	cial I	nstruc	tions/	QC Re	equiren	nents:						
Empty Kit Relinquished by:		Date:			Time:						N	ethod of Sh	ipment:				
Relinquished by: Mules Prelin	Date/Time:	12:05		Company OLACEU		Recei	ved by:	4	1				ate/fime:	23	Company Estate		
Relinquished	Date/Time:		20	Company		Recen	red by:	6	3)		Da	te/Time:	1	D (0)3/5 Company		
selin/hitshed by	10.3.22 Date/Time:	2 10	~	Company	•	(and her	9		_			10/4/	2			
remitquation by.	Date/Time:			Сотрапу		Kecel	red by:					Da	ite/Time/		Company		
Custody Seals Intact: Custody Seal No.															1, 542		

eurofins

Preservation Codes:

O - AsNaO2

P - Na2O4S

Q = Na2SO3

R - Na2S2O3

T - TSP Dodecahydrate

S - H2SO4

U - Acetone

W - pH 4-5

Y - Trizma

Special Instructions/Note:

D = Discrete Sample; - Sample will be

archived for possible future analysis

C = Composite Sample

DUP = Duplicate

EB = Equipment Blank

Z - other (specify)

V - MCAA

COC No:

Page:

Job#

A - HCL

B - NaOH

C - Zn Acetate

D - Nitric Acid

E - NaHSO4

F - MeOH

- Ice

K - EDTA

L - EDA

Other:

G - Amchior

J - DI Water

H - Ascorbic Acid

Carner Tracking No(s):

State of Origin:

Analysis Requested

Environment Testing

A	9:25	G	Solid	Ш	С	Х	Х													
B Unkr	own -	Radiologicai	,	5		Dispo Return	•		ma		asse Dispo			les :	are i		ned long hive For		1 month) Months	
	-					Instruc	tions/	QC R	equi	irem			 							
	Date:			Tim								Metho	 Shipm					02	10/3/	1
Date/Time: ,			Company		Rec	eived by:							Date/	Time:			120		Company	
10/3	1210	<u> </u>	puter	JEA	245	eived by:		-					10	12	2/	13	0	7	28 Bc	_

, ,				/	,	
ustody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	1.31	1.2	50/2
						Ver: 01/16/2019

Chain of Custody Record

PWSID:

10 days 3 04-75

Sample

Type

(C≃comp,

G

G

G

G

G

G

G

G

G=grab) BT=Tissue, A=Air Preservation Code:

Sample

Time

9:00

9:00

9:05

9:45

9110

9110

9:15

9:15

9:20

9:120

Thompson, Lori

Lori.Thompson@et.eurofinsus.com

EPA 6010B

Х

Х

Х

Х

С Х

С

С

С

С

С

С

С

С

С

Х

Х

E-Mail:

Matrix

W=water, S=solid,

Solid

Sampler: Miles Barker

Phone: (909) 579-9161

Due Date Requested:

TAT Requested (days):

SCUS-08.0

WO #:

Project #:

SSOW#:

Sample Date

1013

Compliance Project: △ Yes △ No

Eurofins Calscience 2841 Dow Avenue, Suite 100

2850 Inland Empire Blvd Ste B

Tustin, CA 92780 Phone (714) 895-5494

Client Contact:

Company:

Address:

Ontario

State, Zip

Phone:

Email:

CA, 91764

Project Name:

SCUS-08.0

909-579-9161(Tel)

mwatson@placeworks.com

Site: Oak Ridge Elementary School

Sample Identification

B-8 DUP @ 0.5

B-8 DUP @ 2.5'

B-9 @ 0.5'

27 B-9 DUP @ 0.5'

28 B-9 DUP @ 2.5

B-10 DUP @ 0.5'

Possible Hazard Identification

Non-Hazard Flammab

Empty Kit Relinquished by:

Flammable Deliverable Requested: I, II, III, IV, Other (specify)

Me Bulle

32 B-10 DUP @ 2.5'

B-11 @ 0.5'

29 B-10 @ 0.5'

30 B-10 @ 2.5'

26 B-9 @ 2.5'

Mike Watson

PlaceWorks, Inc.

Client Information

Phone (714) 895-5494	Sampler: Miles Bart	cer		Lab F						Ca	rrier Track	ing No(s)	i:	T	COC No:
Client Information Client Contact:	Phone: (909) 579-9	161		E-Ma	npson, il:	Lon	_			Sta	ate of Origi	n:		+	Page:
Mike Watson				Lori.	Thomp	son@	et.eu	urofins	sus.com						
Company:			PWSID:						Analysis I	D					Job#:
PlaceWorks, Inc.	Due Date Request	ad.				T	_		Analysis	Reque	ested	Т		100	Preservation Codes:
2850 Inland Empire Blvd Ste B	Due Date Request	.u.			B 10									-	M - Hexane
City: Ontario	TAT Requested (d	ays):	70-3 PL	<u></u>										88	B - NaOH O - AsNaO2
State, Zip:				,57									- 1	963	D - Nitric Acid P - Na2045
CA, 91764	Compliance Project	t: ∆ Yes	ΔNo								1		- 1		E - NaHSO4 R - Na2S2O3 F - MeOH
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0				2		ľ						- 1		G - Amchlor S - H2SO4 T - TSP Dodecahydr
Email:	WO #:				ž _								- 1		I - Ice U - Acetone V - MCAA
mwatson@placeworks.com					8 3									2	J = DI Water W = pH 4-5
Project Name SCUS-08.0	Project #:				S OF							11		tain	L - EDA Y - Trizma Z - other (specify)
Site: Oak Ridge Elementary School	ssow#:				Sample (Yes or No.									containers	Other:
					Sar			,	<u>.</u>					8	
			Sample	Matrix	ered San			_ 3					- 1	Total Number of	
			Type	(Wawater,	F	EPA 8081A	8082	60108						5	
		Sample	(C=Comp,	S=solid. O=waste/oil, BT=Tissue_A=Air)	Ple	¥ 8	EPA 8	EPA 60	š			11		草	
Sample Identification	Sample Date	Time	G=grab)	BT=Tissue A=Air)	i a	a	ᇤ	th 10		-		Ha		۲	Special Instructions/Note:
	TESTS CALL TO THE SEA		Preserv	tion Code:	100					PER P					C = Composite Sample
B-11 @ 2.5'	1013	9:25	G	Solid	Ш	С		\perp					-		C = Composite Sample
B-12 @ 0.5'	1	9130	G	Solid		С	x)	<						D = Discrete Sample; - Sample will be archived for possible future analysis
B-12 @ 2.5'		2135	G	Solid		С									DUP = Duplicate
B-13 @ 0.5'		4135	G	Solid		С	X	;	<						EB = Equipment Blank
B-13 @ 2.5'		9:35	G	Solid		С									
B-14 @ 0.5'		9:40	G	Solid		С	х	7	×			\top		-	
B-14 @ 2.5'		9.40	G	Solid	Ħ	С								A.11	• **
B-15 @ 0.5'		9,45	G	Solid	TT	С	x	7	×						
3-15 @ 2.5'		9145	G	Solid		С									
3-16 @ 0.5'		9155	G	Solid		С	х	1;	×						
B-16 @ 2.5'	V	9:55	G	Solid	\sqcap	С		1				\top			
Possible Hazard Identification		~1.23			Sa	mple	Disp	osal	(A fee may	be as	sessed	f samp	les are re	etai	ined longer than 1 month)
Non-Hazard Flammable Skin Irrit	ant Poison B Unkno	owa 🗀	Radiological	,	1	٦,	turn	To Ci	lient [\square_{Dis}	sposal B	/ I ab		Arc	chive For Months
Deliverable Requested: I, II, III, IV, Other (specify)					Sp				/QC Requi						
		5			I T						Mathad	of Shipm	ant		
Empty Kit Relinquished by:		Date:			Time:	1-			0		Metriod		ent.		12
Relinquished by: Mules Mach	Date/Time:	12:05		OLA (المص	Recei	ved by	y:	>			Par /	13/2	3	1205 EGTS
Relinquished	Date/Time: 10 · 2 · 2 ·	3 1/2	20	Company	4	Rece	ved by	1.0	2)			Time:	2	3 693 H FL
Relinquished by:	Date/Time:	- 10	<i></i>	Company		Roce	ved by						Time:	_	Company
									re(s) °C and C			\perp			1

Eurofins Calscience

lient Information	Sample	er: Miles Bar	ker			b PM: nomps	son, L	ori				Car	ier Tracki	ng No(s):			COC No:
ient Contact: like Watson	Phone	(909) 579-9	9161		E-1	Mail:			eurofi	nsus.c	om	Stat	e of Origin	1:			Page:
ompany:				PWSID:	100	1	лпрас	iii@et.	euron							\dashv	Job#:
dress:	Due Da	ate Request	ted:						П	Anai	ysis R	eque	sted	TT		200	Preservation Codes:
850 Inland Empire Blvd Ste B ty:	TAT R	equested (d	lavs):														A - HCL
ntario ate, Zip:		,	10 da	Way Din	35												C - Zn Acetate
A, 91764		iance Proje	ct: ∆ Yes														E - NaHSO4 R - Na2SO3
none: 09-579-9161(Tel)		6-08.0				(0)											G - Amchlor S - H2SO4 T - TSP Dodecahydrate
nail: watson@placeworks.com	WO #:					S OF	No.									6	U - Acetone U - MCAA U - DI Water W - pH 4-5
oject Name: CUS-08.0	Project	#:) (Ye	10 St										K - EDTA Y - Trizma L - EDA Z - other (specify)
te: Oak Ridge Elementary School	ssow	#:				ampl	SD (Ye		П							of con	Other:
ample Identification	Sam	ple Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=A	Field Filte	NS/M	EPA 8081A	EPA 6010B	EPA 6010B Lead						Total Number of	Special Instructions/Note:
-17 @ 0.5'	14	13	101.45	G	Solid			c x	-	x						-	C = Composite Sample
-17 @ 2.5'			اهادح	G	Solid	\top	\vdash		\vdash			_		++			D = Discrete Sample; - Sample will be
-18 @ 0.5'			10:10	G	Solid	\top	\vdash	c x		x							archived for possible future analysis DUP = Duplicate
-18 @ 2.5'			10/10	G	Solid	\top	1		H	+		\top		++	+		EB = Equipment Blank
-19 @ 0.5'			10:15	G	Solid	\top		c x		x					+		
-19 @ 2.5'			10:15	G	Solid	\top				_							
-20 @ 0.5'			10,20	G	Solid	\top			\Box	x	++	\top		++	\top		
-20 @ 2.5'			10:20	G	Solid	т			H					11	\top		
-21 @ 0.5			10:25	1	1	т			П	х				\top	1		
-21 @ 2.5'	١	/	10:25		4	П	,								1		W-1-2
						┰	T	1	П								
ossible Hazard Identification Non-Hazard Flammable Skin Irritant eliverable Requested: I, II, III, IV, Other (specify)	Poison B	Unkn	own F	Radiological				Retur	n To C	Client	Require	Disp	osal By		es are		ined longer than 1 month) chive For Months
mpty Kit Relinquished by:			Date:				ne:		-				Method o	of Shipme			
elinquished by:	Date/Ti	me:	12:05		Company	au.	2 R	eceived	by:		`			Date/Ti		43	1105 Company
ling smech	Date/Ti	me: -3-2		30	Company Company	80		ceived	0	Z	5			Date/Ti	me: /つ/	14	23 0935 EC

de eurofins

Client Information	Sampler: Miles Bar	rker		Lab F	PM: mpson	Lori					Carrier	Tracking	No(s):			COC No:
Client Contact: Mike Watson	Phone: (909) 579-9	9161		E-Ma					State o	f Origin:			┪	Page:		
company:			PWSID:	ĮLOI1.									\dashv	Job#:		
PlaceWorks, Inc.	10.0						_	A	naly	sis R	equest	ed	-	, ,		
ddress: 850 Inland Empire Blvd Ste B	Due Date Request	ted:														Preservation Codes: A - HCL M - Hexane
ity: Ontario	TAT Requested (d	lays): 40-da	75 3 O	642											100	B - NaOH O - AsNaO2 C - Zn Acetate P NaOAS
tate, Zip: CA, 91764	Compliance Proje	Compliance Project: Δ Yes Δ No PO # SCUS-08.0 WO #: Project #: SSOW#:								1					1	D - Nitric Acid E - NaHSO4 Q - Na2SO3 R - Na2S2O3
hone: 09-579-9161(Tel)	SCUS-08.0				(0)											G - Arnchlor H - Ascorbic Acid H - Ascorbic Acid
mail: nwatson@placeworks.com	WO #:				E											V-MCAA
roject Name: CCUS-08.0	Project #:					<u></u>									talner	J - DI Water W - pH 4-5 K - EDTA Y - Trizma L - EDA Z - other (specify)
ite: Oak Ridge Elementary School	SSOW#:				Sampl SD (Y										1000	Other:
				Matrix	S pe			Lead							ber of	
, sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	(W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered 9	EPA 8081A	EPA 8082	EPA 6010B EPA 6010B Lead							Total Numi	Special Instructions/Note:
			Preserva	tion Code:												
-22 @ 0.5'	10/3	10140	G	Solid		C	Х	×								C = Composite Sample
-22 @ 2.5'		10:40	G	Solid		С									1,44	D = Discrete Sample; - Sample will be archived for possible future analysis
-23 @ 0.5'		10:45	G	Solid	Ш	c	х	×								DUP = Duplicate
-23 @ 2.5'		10145	G	Solid		С										EB = Equipment Blank
-24 @ 0.5'		10:50	G	Solid	П	c	х	×								
-24 @ 2.5'		10:50	G	Solid		С										
-25 @ 0.5 ¹		10:55	G	Solid		С	х	Х						П		
-25 @ 2.5'		10:55	G	Solid	\sqcap	С			П					П		
-26 @ 0.5'		11:00	G	Solid		С		х							.	
-26 @ 2.5'		11:00	G	Solid		С										
-27 @ 0.5′	V	11:05	G	Solid		С		х							A	
Possible Hazard Identification					Sa	mple	Dispo	osal (A fee	may b	e asses	sed if s	amples	are r	etai	ned longer than 1 month)
Non-Hazard Flammable Skin Irrit	ant Poison B Unkni	own F	Radiological		Sp			To Clie		equire	[⊥] <i>Dispos</i> ments:	ai By L	ab		Arc	thive For Months
mpty Kit Relinquished by:		Date:			Time:						М	ethod of	Shipment:		-	
elinquished by:	Date/Time:	12:05		Company		Recei	ved by	5	~				Date/Time		۷	160 Company
ejingrory ed by	Date/Time: 10 - 2 - 22		30	Company EET C			ved by:	5	2				Date/Time	e: /	6	3 093 Company
eninquished by:	Date/Time:			Company	(Recei	ved by:	/					Date/Time			Company
Custody Seals Intact: Custody Seal No.:	Display and the second				= /	Coole	r Temr	perature	e(s) °C a	and Oth	er Remarks	3:				13/ 500

Chain of Custody Record

Eurofins Calscience

2841 Dow Avenue, Suite 100

2841 Dow Avenue, Suite 100 Tustin, CA 92780 Phone (714) 895-5494

Chain of Custody Record

eurofins

Environment Testing

Client Information	Sampler:	S RA	LKER	Lab F Tho	PM: mpsor	n, Lor	i				(Carrier Trad	king No(s):		COC No:
Client Contact: Mike Watson	Phone (909)	579-	9161	E-Ma Lori.	il: Thom	pson	@et.e	eurofi	nsus.	com		State of Ori	gin:	-		Page: Page 1 of 1
Company: PlaceWorks, Inc.			PWSID:						An	alysis	Requ	uested				Job #:
Address: 2850 Inland Empire Blvd Ste B	Due Date Request				40							1-			160V	Preservation Codes: A - HCL M - Hexane N - None
City: Ontario State, Zip:	TAT Requested (da	TAT Requested (days): 10 days 3 DAYS			15.75 15.75										Lor Sign	B - NaOH C - Zn Acetate D - Nitric Acid D - Nitric Acid D - Na2O4S
CA, 91764 Phone:	Compliance Project	Compliance Project: A Yes A No				₹	-1									F - MeOH R - Na2S2O3
909-579-9161(Tel) Email:	WO #:				No)	305										H - Ascorbic Acid I - Ice T - TSP Dodecahydrate U - Acetone U - Acetone
mwatson@placeworks.com Project Name:	Project #:				98	١.									1	K - EDTA W - pH 4-5
Nicholas Elementary School Sacramento City USD 70,10	57016150 SSOW#:					F 04	3									L - EDA 7 - I IZMa Z - other (specify)
She o Alk Ribre ElementAppy school	550VV#.				Sam		1								o jo	Other:
Sample Identification	Sample Date	Sample Time	_	Matrix (W=water, S=solid, O=waste/oll, BT=Tissue, A=Air)		8084A Pe		8082 PCES							Total Numbe	Special Instructions/Note:
			Preserva	ation Code:		N	D	N							X	TO COLTE
				- Water	H	+-	+			+	++	+			2	C=COMPOSITE SAMPLE
B-27@7.5'	10/3	11:05	4	5016		C					T					EB = EQUPMENT
B-27@Z.5' E8 10,03,23	1	111.15		WATER	Ш											BLMCK
č8 1×.03,23	V	11:15		WATER	Ш	\perp								П		
					-	+	-				++				9 %	
					Н	+			_	+	++			\vdash		
					H	+	\vdash	\vdash		+	+		_		- C	
						T										
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Pois	on B Unkn	own 🗆	Radiologica	ı									f sampl y Lab	es are i	etaine] Arch	ed longer than 1 month) nive For Months
Deliverable Requested: I, II, III, IV, Other (specify)					S	oecia	Instr	uction	ns/QC	Requi	rement					
Empty Kit Relinquished by:		Date:			Time							Metho	d of Shipn			
Relinquished by: Relinquished by: Relinquished by:	Date/Time:	2105	_	PLACE	w	Rec	eived b	1	~				10	/Time:	رر	1205 Company
Relinquished by.	Date/Time: Co Co Co Co Co Co Co C		EETC2 Company	ETCA			aceived by:			/	/Time: / 0/4 /Time:/	23	Company Company			
Custody Seals Intact: Custody Seal No.:						Coo	ler Ten	nperati	ure(s) °	C and O	ther Rem	arks:			/	1.3/1.2 50/8

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	С		2D (A-1, A-6)	2D (A-1, A-6)
A-1 DUP, A-6 DUP	2.5' - 3.0' 0' - 0.5'	Duplicate	C DUP		D DUP (A-1 DUP)	2D DUP (A-1 DUP, A-6 DUP)
·	2.5' - 3.0' 0' - 0.5'	·	- C		- 2D (A-2, A-3)	- 2D (A-2, A-3)
A-2, A-3	2.5' - 3.0' 0' - 0.5'	Former Agriculture	- C		- 2D (A-4, A-5)	2D (A-4, A-5)
A-4, A-5	2.5' - 3.0'	Former Agriculture	-		-	-
A-7, A-8	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C -		2D (A-7, A-8)	2D (A-7, A-8) -
B-1, B-2, B-3	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-1, B-2, B-3)		3D (B-1, B-2, B-3)
B-4, B-5, B-6	0' - 0.5'	Existing Building	С	3D (B-4, B-5, B-6)		3D (B-4, B-5, B-6)
B-7, B-8	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C	2D (B-7, B-8)		- 2D (B-7, B-8)
<u> </u>	2.5' - 3.0' 0' - 0.5'	Predating 1978	C C DUP	2D DUP (B-7 DUP, B-8 DUP)		2D DUP (B-7 DUP, B-8 DUP)
B-7 DUP, B-8 DUP	2.5' - 3.0'	Duplicate	C DUP	-		-
B-9, B-10	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	2D (B-9, B-10)		2D (B-9, B-10)
B-9 DUP, B-10 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate	C DUP C DUP			2D DUP (B-9 DUP, B-10 DUP)
B-11, B-12, B-13	0' - 0.5'	Existing Building	С	3D (B-11, B-12, B-13)		3D (B-11, B-12, B-13)
	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C	- 2D (B-14, B-15)		- 2D (B-14, B-15)
B-14, B-15	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C	3D (B-16, B-17, B-18)		3D (B-16, B-17, B-18)
B-16, B-17, B-18	2.5' - 3.0'	Predating 1978	С	-		-
B-19, B-20, B-21	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	D (B-19)		3D (B-19, B-20, B-21)
B-22, B-23, B-24	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-22, B-23, B-24)		3D (B-22, B-23, B-24)
B-25, B-26, B-27	0' - 0.5'	Existing Building	С	D (B-25)		3D (B-25, B-26, B-27)
	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C	- 3D (B-28, B-29, B-30)		3D (B-28, B-29, B-30)
B-28, B-29, B-30	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C	2D (B-31, B-32)		3D (B-31, B-32, B-33)
B-31, B-32, B-33	2.5' - 3.0'	Predating 1978	С	-		-
B-34, B-35, B-36	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C			3D (B-34, B-35, B-36)
B-37, B-38, B-39	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C			3D (B-37, B-38, B-39)
B-40, B-41, B-42, B-43	0' - 0.5'	Existing Building	С	2D (B-40, B-41)		4D (B-40, B-41, B-42, B-43)
	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C	-		-
B-44, B-45	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C			
B-46, B-47, B-48	2.5' - 3.0'	Predating 1978	С			
B-49, B-50, B-51	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C			
B-52, B-53, B-54	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C			
B-55, B-56, B-57	0' - 0.5'	Former Building Predating	С			3D (B-55, B-56, B-57)
	2.5' - 3.0' 0' - 0.5'	1947 Former Building Predating	C C			- 3D (B-58, B-59, B-60)
B-58, B-59, B-60	2.5' - 3.0' 0' - 0.5'	1947 Pad-Mounted	С	D		-
T-1	2.5' - 3.0'	Transformer		-		
T-1 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate		D DUP		
T-2	0' - 0.5' 2.5' - 3.0'	Pole-Mounted Transformer		D		
2 EB	NA NA	Quality Control	2D	2D	1D	2D
TOTAL Notes:			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:

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.

Temperature Controlled eurofins Environment Telting IF THIS SHIPMENT IS DELAYED IN TRANSIT, STORE REFRIGERATED (2° TO 8° C / 36° TO 47° F) TAL-0090(1016) S*IP DATE: 030CT23 ACTWGT: 57.30 LB C*D: 852262/CAFE3753 UNISTA IN: BLUA TEST AMERICA EUROFINS TESTAMERICA W SACRAMENTO BBO RIVERSIDE PARKWAY FedE: BILL SENDER .. WEST SACRAMENTO, CA 95605. UNITED STATES US EUROFINS ENV. TESTING SOUTHWEST SAMPLE RECEIVING **2841 DOW AVE** SUITE 100 **TUSTIN CA 92780** (949) 261-1022 REF: SEND OUTS 92780 **FedEx** CA-US Express 17:3 Fed Exc.
MPS# 6201 1515 4110 Gh PRIORITY OVERNIGHT :780 92780 CA-US SNA

Page 100 of 101

ORIGIH ID:BLUA TEST AMERICA EUROFINS TESTAMERICA W SACRAMENTO BBO RIVERSIDE PARKWAY

SAMPLE RECEIVING

EUROFINS ENV. TESTING SOUTHWEST

MEST SACRAMENTO, CA SSEUS UNITED STATES US

2841 DOW AVE 801TE-100

TUSTIN CA 92780

1515 4100

REF: SEND OUTS

Fedex.

\$\ip datk: 030ct23 ACTWGT: 57.30 LB CMD: 852262/CAFE3753

BILL SENDER

WED - 04 O

4 830ct 23:87 DARH 57769/3084/0486

10/17/2023 (Rev. 1)

Client: PlaceWorks, Inc.

Job Number: 570-155226-1

Login Number: 155226 List Source: Eurofins Calscience

List Number: 1

Creator: Gutierrez, Rebecca

Steator. Gutterrez, Rebecca		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey neter.</td <td>N/A</td> <td></td>	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 ampered 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	
s 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	
ample 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	

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

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

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Authorized for release by Lori Thompson, Project Manager I Lori.Thompson@et.eurofinsus.com (657)212-3035

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IC

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

Appreviation	These commonly used appreviations 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

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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 $1.2^{\circ}C$ and $2.1^{\circ}C$

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.

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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.

Client Sample 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' Date Collected: 10/03/23 09:10						Lab Samp	le ID: 570-155 Matrix	226-27 : Solid
Date Received: 10/04/23 09:35								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND	Н	4.9	ug/Kg		10/18/23 18:51	10/21/23 11:25	1

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

Γ			Pe	ercent 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)

Prep Type: Total/NA **Matrix: Solid**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		TCX1 (38-148)	DCB2	
			(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	

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Client: PlaceWorks, Inc. Job ID: 570-155226-2

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

MB MB Result Qualifier RL Unit D Analyzed Dil Fac Analyte Prepared Dieldrin ND 5.0 ug/Kg 10/18/23 18:50 10/20/23 21:42

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac Tetrachloro-m-xylene (Surr) 79 38 - 148 10/18/23 18:50 10/20/23 21:42 DCB Decachlorobiphenyl (Surr) 86 37 - 151 10/18/23 18:50 10/20/23 21:42

LCS LCS

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 570-375023/2-A

Matrix: Solid

Analysis Batch: 375472

Prep Type: Total/NA

Prep Batch: 375023

%Rec

Added Limits **Analyte** Result Qualifier Unit %Rec D 25.0 52 - 144 Dieldrin 18.24 ug/Kg 73

Spike

LCS LCS

%Recovery Surrogate Qualifier Limits Tetrachloro-m-xylene (Surr) 38 - 148 ลก DCB Decachlorobiphenyl (Surr) 85 37 - 151

Lab Sample ID: LCSD 570-375023/3-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Solid

Analysis Batch: 375472

Prep Type: Total/NA

Prep Batch: 375023

Spike LCSD LCSD %Rec **RPD** Limits Analyte Added Result Qualifier Unit %Rec **RPD** Limit Dieldrin 25.0 17.62 ug/Kg 70 52 - 144

LCSD LCSD

%Recovery Qualifier Limits Surrogate 38 - 148 Tetrachloro-m-xylene (Surr) 77 DCB Decachlorobiphenyl (Surr) 83 37 - 151

Lab Sample ID: MB 570-376671/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 376887

Prep Type: Total/NA

Prep Batch: 376671

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Dieldrin ND 5.0 ug/Kg 10/24/23 10:42 10/25/23 11:39

MB MB

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac Tetrachloro-m-xylene (Surr) 95 38 - 148 10/24/23 10:42 10/25/23 11:39 DCB Decachlorobiphenyl (Surr) 115 37 - 151 10/24/23 10:42 10/25/23 11:39

Lab Sample ID: LCS 570-376671/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 376887

Prep Type: Total/NA Prep Batch: 376671 %Rec

LCS LCS Spike Added Unit Limits **Analyte** Result Qualifier D %Rec 25.0 Dieldrin 19.25 ug/Kg 77 52 - 144

Eurofins Calscience

QC Sample Results

Client: PlaceWorks, Inc. Job ID: 570-155226-2

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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

LCS LCS %Recovery Qualifier Surrogate 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

%Rec RPD

Spike LCSD LCSD Analyte Added Result Qualifier Unit %Rec Limits RPD Limit 28 Dieldrin 25.0 19.59 ug/Kg 78 52 - 144 2

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene (Surr)	83		38 - 148
DCB Decachlorobiphenyl (Surr)	98		37 - 151

Prep Batch: 376671

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	Pre	рΒ	atc	h: 3	75	023
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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 MB 570-375023/1-A	Client Sample ID Method Blank	Prep Type Total/NA	Matrix Solid	Method 8081A	Prep Batch 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

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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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC54A								

Client Sample ID: B-10 DUP @ 0.5'

Lab Sample ID: 570-155226-31

Matrix: Solid

Date Collected: 10/03/23 09:20 Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

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Method Summary

Client: PlaceWorks, Inc.

Project/Site: Oak Ridge Elementary School / SCUS-08.0

MethodMethod DescriptionProtocolLaboratory8081AOrganochlorine Pesticides (GC)SW846EET CAL 43546Microwave ExtractionSW846EET 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

Job ID: 570-155226-2

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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

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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

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

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

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

 $\underline{Lori.Thompson@ET.EurofinsUS.com}$

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

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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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 $\underline{Lori.Thompson@ET.EurofinsUS.com}$

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From: Cathy Fitzgerald < cfitzgerald@placeworks.com >

Sent: Tuesday, October 17, 2023 3:24 PM

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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

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

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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

> > Bank information has changed, please refer to remittance information on invoice. < <

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Eurofins Calscience 2841 Dow Avenue, Suite 100 Tustin, CA 92780 Phone (714) 895-5494	(Chain d	of Cus	stody R	ec	ord										4	🌣 euro	fins		ronment	t Tes tin
	Sampler: Miles Ba	rker		Lab P Thor		n, Lori						Carrie	Trackin	g No(s):			COC No:				7
Client Information Client Contact: Mike Watson	Phone: (909) 579-	9161		E-Mai	l:			eurof	กรแ	s.com		State	f Origin:				Page:				7
Company:			PWSID:	LOI1.	111011	ipsorii	<u>w</u> et.	euroi								-	Job#;				٦.
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State, Zip: CA, 91764	Compliance Proje	ect: A Yes	Δ Νο			ı											D - Nitric Acid E - NaHSO4		Q - Na2SO3 R - Na2S2O	3	
CA, 91764 Phone: 909-579-9161(Tel)	PO #: SCUS-08.0																F - MeOH G - Amchlor		S - H2SO4 T - TSP Dod		
Email:	WO #:				or No									1			H - Ascorbic A I - Ice	icia I	U - Acetone V - MCAA		
mwatson@placeworks.com Project Name:	Project #:				Yes o											ners	J - DI Water K - EDTA	١	W - pH 4-5 Y - Trizma		1
SCUS-08.0 Site: Oak Ridge Elementary School	SSOW#:				ele.	\$										containe	L - EDA Other:		Z - other (sp	ecify)	
Site: Oak Ridge Elementary School	S50VV#:								-							8	Other.				╛
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T-1 DUP @ 2.5'		7145	G	Solid													EB = Equipm	ent Bla	ink		
B-1 @ 0.5'		7150	G	Solid	П	С	Х		х												7
B-1 @ 2.5'		7:54	G	Solid	Т	С															┑
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Client Information	Sampler: Miles	Barker			ь РМ: hompso	n, Lor					Ca	rrier Traci	king No(s):			COC No:
lient Contact: //ike Watson	Phone: (909) 57	79-9161		E	-Mail: ori.Thorr			virofii	ocuc o		Sta	ite of Orig	in:			Page:
Company:			PWSID:	ĮL	on, mon	ipson	шет.	euroni							\dashv	Job #:
PlaceWorks, Inc.	Due Date Requ	ested:							Ana	lysis	Reque	ested	1 1	1		Preservation Codes:
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State, Zip; CA, 91764	Compliance Pr	oject: Δ Yes		41)	-88							1				E - NaHSO4 Q - Na2SO3
Phone:	PO#:															F - MeOH S - H2SO4
009-579-9161(Tel)	SCUS-08.0			-	- (S)											H - Ascorbic Acid L- Ice T - TSP Dodecahydrate U - Acetone U - Acetone
nwatson@placeworks.com					es or										_	V-MCAA
Project Name: SCUS-08.0	Project #:				٥ (١	8			i						ntain	L - EDA Y - Trizma Z - other (specify)
ite: Oak Ridge Elementary School	SSOW#:				amp										f cor	Other:
			Sample	Matrix	S pare				3 Lead						Total Number of containers	
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Sample Identification	Sample Date	Sample te Time	(C=comp, G=grab)	O=waste/oi		EPA 8	EPA 8	EPA (EP.						Total	Special Instructions/Note:
				ation Code												
3-4 @ 2.5'	1013	8:15	G	Solid	П	С									3	C = Composite Sample
3-5 @ 0.5'		8:25	G	Solid		С	х		х							D = Discrete Sample; - Sample will be archived for possible future analysis
3-5 @ 2.5'		8:25	G ,	Solid	\Box	С										DUP = Duplicate
3-6 @ 0.5'		8:30	G	Solid	Π	С	×		х							EB = Equipment Blank
3-6 @ 2.5'		8:30	G	Solid	П	С									Sales Control	
3-7 @ 0.5'		8145	G	Solid	П	С	×		х							
3-7 @ 2.5'		8145	G	Solid		С										
3-7 DUP @ 0.5'		8:50	G	Solid		С	х		х							
3-7 DUP @ 2.5'		8,50	G	Solid		С										
3-8 @ 0.5'		8:55	G	Solid	П	С	х		х							
3-8 @ 2.5'	V	8:55	G	Solid		С										
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Chain of Custody Record

Eurofins Calscience

2841 Dow Avenue, Suite 100

Phone (714) 895-5494	Sampler: Miles E	arker	•	Lab F						Carrie	er Trackin	g No(s):			COC No:
Client Information Client Contact:	Phone: (909) 57	9161		Tho:	mpson, l il:	_ori				State	of Origin:			\dashv	Page:
Mike Watson					Thomps	on@et	eurofir	nsus.co	om						
Company: PlaceWorks, Inc.			PWSID:					Analy	ysis R	eques	ted				Job #:
address: 2850 Inland Empire Blvd Ste B	Due Date Reque	sted:	<u> </u>				П							9	Preservation Codes: M - Hexane
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Phone: 909-579-9161(Tel)	PO #: SCUS-08.0				6										G - Amchlor S - H2SO4 T - TSP Dodecahydrate
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mwatson@placeworks.com Project Name:	Project #:				Yes									1	K - EDTA W - pH 4-5 Y - Trizma
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3-9 @ 0.5'		9:05	G	Solid	Н	c x	\Box	x							DUP = Duplicate
3-9 @ 2.5'		9:45	G	Solid	\Box	c	\dagger		++	+					EB = Equipment Blank
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B-10 DUP @ 0.5'		9:20	G	Solid	Ш	С		X							
3-10 DUP @ 2.5'		9:120	G	Solid		С									
B-11 @ 0.5'	V	9:25	G	Solid		сх		х							
Possible Hazard Identification					San	ple Di	sposal	(A fe	e may l	be asse	ssed if	samples	are r	etai	ined longer than 1 month)
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Tustin, CA 92780 Phone (714) 895-5494				of Cus	•													Environment
	Sample	r: Miles Ba	rker		Į.	Lab PM: Thomp	son 1	ori					Carrier '	Tracking	No(s):			COC No:
Client Information Client Contact:	Phone:	(909) 579-	9161			E-Mail:							State of	Origin:				Page:
Mike Watson Company:				PWSID:		Lori.Th	ompso	п@е	euro	finsus	.com						_	Job#:
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ddress: 1850 Inland Empire Blvd Ste B	Due Da	te Reques	ted:															Preservation Codes:
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Phone: 909-579-9161(Tel)	PO#: SCUS	-08.0				6			ĺ									G - Amchior T - TSP Dodecahydrate
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mwatson@placeworks.com Project Name	Project	#:				Yes	Or N	1									inen	K - EDTA W - pH 4-5 L - EDA Y - Trizma
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3-12 @ 2.5'			2:35	G	Solid	b	1	2										DUP = Duplicate
B-13 @ 0.5'			4135	G	Solid	d		c ×		х								EB = Equipment Blank
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Eurofins Calscience

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Phone (714) 895-5494 Client Information	Sampler: Miles Ba	rker		Lab I	PM: mpson,	Lori				Ca	rrier Tra	cking No	(s):		COC No:
Client Contact:	Phone: (909) 579-	9161		E-Ma	ail:					St	ate of O	ngin:		_	Page:
Mike Watson				Lori	.Thomp	son@	et.eur	ofinsu	is.com						
Company: PlaceWorks, Inc.			PWSID:					Δ	nalysis	Requ	ested				Job#:
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2850 Inland Empire Blvd Ste B City:	TAT Requested (davel													A - HCL M - Hexane N - None
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CA, 91764 Phone:	PO#:	ect: A res	Δ ΝΟ												F - MeOH R - Na2S2O3
909-579-9161(Tel)	SCUS-08.0				(o)										G - Amchlor H - Ascorbic Acid U - Acetone
Email: mwatson@placeworks.com	W0 #:				0 0									10	I - ICE V - MCAA
Project Name:	Project #:				(Yes				1					inen	K - EDTA W - pH 4-5 Y - Trizma
SCUS-08.0					Yes									containers	L - EDA Z - other (specify)
Site: Oak Ridge Elementary School	SSOW#:				SD (1_						of co	
		1		Matrix	Page 1			Lead							
			Sample Type	(W=water,	m R	EPA 8081A	8082 6010B	6010B						Total Number	
		Sample	(C=comp,	S=solid, O=waste/oil,	erdor	8 8	EPA 80 EPA 60	A 60						tal	
Sample Identification	Sample Date	Time		BT=Tissue, A=Air	F S	ů.	EPA EPA	EPA		esos es	00 0000	1000 000	1000000	To	Special Instructions/Note
BERTHER BERTHER BERTHER	STERRES			tion Code:		100	34				198	3-1		1	C = Composite Sample
3-17 @ 0.5'	14/3	10:45	G	Solid	Ш	С	X	X						17.7	
B-17 @ 2.5'		101.05	G	Solid		С								13	D = Discrete Sample; - Sample will archived for possible future analysis
B-18 @ 0.5'		10:10	G	Solid	П	С	х	x							DUP = Duplicate
B-18 @ 2.5'		10:10	G	Solid	H	С		+-							EB = Equipment Blank
B-19 @ 0.5'		10:15	G	Solid		С	x	×							
3-19 @ 2.5'		1	G	Solid	H	С	+	+	\vdash						
B-20 @ 0.5'		10115	G	Solid	\vdash	С		X			+-		++	-	
		10,20			+	\vdash	-	+^			-		\vdash		
B-20 @ 2.5'		10,20	G	Solid	\vdash	С	_	-				_	-		
B-21 @ 0.5'		10:25			Ш	С		X							
3-21 @ 2.5'	V	10:25	V	4	Ш	С								36	
Possible Hazard Identification			1		Sa								ples are	1	ained longer than 1 month)
Non-Hazard Flammable Skin Deliverable Requested: I, II, III, IV, Other (spec	Irritant Poison B Unkr	nown H	Radiological		Spe		nstruct		nt QC Requ			By Lab	L	An	rchive For Months
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telingsned	Date/Time: 10 - 3 - 7		30	ELCA		Recei	ved by:	1				Date	e/Time:	1	163 093 Company

Eurofins Calscience

🔅 eurofins

Client Information	Sample	er: Miles Ba	ker		Lab I Tho	PM: mpson	. Lori					Carri	er Track	ting No(s):		COC	C No:
lient Contact:	Phone	(909) 579-	9161		E-Ma	ail:						State	of Origi	n:		Pag	je:
like Watson				(SILVISIS	Lori	.Thomp	oson(@et.e	urofin	sus.co	m					4	
ompany: laceWorks, Inc.				PWSID:		1				Analy	sis R	eques	sted			Job	#:
ddress:	Due Da	ate Reques	ted:						Ť							Pre	eservation Codes:
850 Inland Empire Blvd Ste B						100									250	Α-	HCL M - Hexane N - None
rity:	TATR	equested (d	lays): 10-dd	15 3 ON	بيف										200		Zo Acetate O - AsNaO2
ate, Zip:					612											D -	Nitric Acid P - Na2045
A, 91764		iance Proje	ct: ∆ Yes	Δ No											وَ الْحُ		NaHSU4 R - Na2S2O3
hone: 09-579-9161(Tel)	PO# SCUS	S-08 0				<u> </u>									1 18		Amchlor S = H2SO4 T - TSP Dodecahydrate
mail:	WO #:	00.0														H -	
watson@placeworks.com															2		DI Water W - pH 4-5
roject Name: CUS-08.0	Project	#:													4		EDA Y - Trizma Z - other (specify)
te: Oak Ridge Elementary School	ssow	#:				3 6			-						000	Othe	
,						S S		l i	,	-					5	5	
				Sample	Matrix	Filtered San m MS/MSD			_ =	2 Lead					Tage	200	
4				Type	(W=water, S=solid,	EE	8081A	EPA 8082	EPA 6010B					11	N N	5	
			Sample	(C=comp,	O=waste/oil,	HE		A B	EPA 6	4					1	1	
ample Identification	Sam	ple Date	Time		BT=Tissue, A=Air	<u> </u>	-		1 1						į	2	Special Instructions/Note:
	200 650	ACCOUNT NAME OF THE PARTY OF				H	1000						23.0			C.	Composite Sample
-22 @ 0.5'	10	13	10140	G	Solid	Ш	С	X	,	×							
-22 @ 2.5'			10:40	G	Solid	П	C										Discrete Sample; - Sample will be hived for possible future analysis
-23 @ 0.5'			10:45	G	Solid	\sqcap	С	х	,	×							P = Duplicate
						┼┼	-	<u> </u>	+	_	\vdash	_	\vdash	+-	8.0	FR	= Equipment Blank
-23 @ 2.5'			10:45	G	Solid	Ш	С										- Equipment Diarit
-24 @ 0.5'			10150	G	Solid		С	x)	x					- 31	0	
-24 @ 2.5 ^c			1	G	Solid	Ħ	С										
			10:50			Н	-	-	_		\vdash	_		+		-	
-25 @ 0.5'			10:55	G	Solid	Ш	С	X	,	×					100		
-25 @ 2.5'			10155	G	Solid	Ш	С										
-26 @ 0.5'				G	Solid	Н	С		١,	x T			_	+ +			
			11:00			Н		\vdash		_	-	-	_	+	J. 1	111	
-26 @ 2.5'		L	11:00	G	Solid	LL.	С								28		
-27 @ 0.5'	1	V	11:05	G	Solid		С)	x							
ossible Hazard Identification						Sa	mple	Disp	osal	(A fee	may I	e asse	ssed	f sample	s are ret	tainec	d longer than 1 month)
Non-Hazard Flammable Skin Irritant	Poison B	Unkn	own \Box	Radiological			1		To CI				osai B			Archive	
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mpty Kit Relinquished by:			Date:			Time:	_	_					Method	of Shipmen	t:		
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				- 1	puy	•			2					Date In	··· /		Company

Chain of Custody Record

Eurofins Calscience

2841 Dow Avenue, Suite 100

2841 Dow Avenue, Suite 100 Tustin, CA 92780 Phone (714) 895-5494

66

Chain of Custody Record

eurofins

Environment Testing

Client Information	Sampler:	C RM	KER		b PM: nomps	on L	ori				Ca	rrier Track	ing No(s):		COC No:	
	Phone (909)	3 049	01/1	E-I	Mail:						St	ate of Origi	n:		Page:	
Mike Watson Company:	(404)	579-	4/61	Lo	ri.Tho	mpso	n@e	t.eurof	insus.	com					Page 1 of 1	
PlaceWorks, Inc.			PWSID:						An	alysis	Requ	ested			JOD #:	
Address	Due Date Requeste	ed:			,£)									860	Preservation C	odes: M - Hexane
2850 Inland Empire Blvd Ste B City: Ontario State, Zip:	TAT Requested (da	ıys): 1 0 da	75 3 DA	115	W DOW										A - HCL B - NaOH C - Zn Acetate	N - None O - AsNaO2 P - Na2O4S
State, ZIP: CA, 91764 Phone:	Compliance Projec	t: Δ Yes	Δ No			-	T							- 6	D - Nitric Acid E - NaHSO4 F - MeOH	Q - Na2SO3 R = Na2S2O3
Phone: 909-579-9161(Tel) Email:	PO #:				ล		204							E.A.	G - Amchlor H - Ascorbic Acid	S - H2SO4 T - TSP Dodecahydrate U - Acetone
mwatson@placeworks.com	WO #:				2 20		2								I - Ice J - DI Water	V - MCAA W - pH 4-5
Project Name: Nicholas Elementary School Sacramento City USD 5 (5) 0, %	Project #:					III :	⋞ ,	,	1 1					3	K - EDTA L - EDA	Y - Trizma Z - other (specify)
Site: OAK RIDGE ELEMENTARY SCHOOL	SSOW#:				- ad m	. 3	1 PA							00	Other:	Z - other (specify)
Sample Identification	Sample Date	Sample Time		Matrix (W=water, S=colid, O=weete/oil, BT=Tissue, A=/	Field Filte	=	Deeta Pasiicides							Total Number of	Special	Instructions/Note:
			Fleseiva		1	×Ν	D	N								
				Water	\dashv	4	_	+			\vdash	++	\dashv	-4		mposite
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B-27@Z.5'	10/3	11:05	4	5016	41	<	4					$\perp \perp$	_ _ .		E8 = E	MANAME
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Possible Hazard Identification					Ц		12.5								<u> </u>	40
Non-Hazard Flammable Skin Irritant Pois	on B	OW/2 -	Radiologica	,		Samp) 	sposa	u (A f Client	ee may	De ass	essea if oosal By	sampies Lab	are retain	ed longer than	1 month) Months
Deliverable Requested: I, II, III, IV, Other (specify)	DI D OIKI	OWII I	Naulologica								ements		Lau	AICI	IIVE POI	Months
Empty Kit Relinquished by:		Date:			Tim	ne:						Method	of Shipmer	nt:		
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Contrate Contrate to the Contrate Contr										_					, ,	
Custody Seal No.:						Co	ooler T	emperat	ture(s) °	C and Otl	ner Rema	rks:		/	.3/1.2	, 50/8

/25/2022

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' 2.5' - 3.0'	Former Agriculture	C -		2D (A-1, A-6)	2D (A-1, A-6) -
A-1 DUP, A-6 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate	C DUP		D DUP (A-1 DUP)	2D DUP (A-1 DUP, A-6 DUP)
A-2, A-3	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C -		2D (A-2, A-3)	2D (A-2, A-3)
A-4, A-5	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C -		2D (A-4, A-5)	2D (A-4, A-5)
A-7, A-8	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C -		2D (A-7, A-8)	2D (A-7, A-8)
B-1, B-2, B-3	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-1, B-2, B-3)		3D (B-1, B-2, B-3)
B-4, B-5, B-6	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-4, B-5, B-6)		3D (B-4, B-5, B-6)
B-7, B-8	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	2D (B-7, B-8)		2D (B-7, B-8)
B-7 DUP, B-8 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate	C DUP C DUP	2D DUP (B-7 DUP, B-8 DUP)		2D DUP (B-7 DUP, B-8 DUP)
B-9, B-10	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	2D (B-9, B-10)		2D (B-9, B-10)
B-9 DUP, B-10 DUP	0' - 0.5' 2.5' - 3.0'	- Duplicate -	C DUP C DUP			2D DUP (B-9 DUP, B-10 DUP)
B-11, B-12, B-13	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	3D (B-11, B-12, B-13)		3D (B-11, B-12, B-13)
B-14, B-15	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	2D (B-14, B-15)		2D (B-14, B-15)
B-16, B-17, B-18	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-16, B-17, B-18)		3D (B-16, B-17, B-18)
B-19, B-20, B-21	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	D (B-19)		3D (B-19, B-20, B-21)
B-22, B-23, B-24	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	3D (B-22, B-23, B-24)		3D (B-22, B-23, B-24)
B-25, B-26, B-27	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	D (B-25)		3D (B-25, B-26, B-27)
B-28, B-29, B-30	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-28, B-29, B-30)		3D (B-28, B-29, B-30)
B-31, B-32, B-33	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	2D (B-31, B-32)		3D (B-31, B-32, B-33)
B-34, B-35, B-36	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C			3D (B-34, B-35, B-36)
B-37, B-38, B-39	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C			3D (B-37, B-38, B-39)
B-40, B-41, B-42, B-43	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	2D (B-40, B-41)		4D (B-40, B-41, B-42, B-43)
B-44, B-45	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C			
B-46, B-47, B-48	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C			
B-49, B-50, B-51	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C			
B-52, B-53, B-54	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C			
B-55, B-56, B-57	0' - 0.5' 2.5' - 3.0'	Former Building Predating	C			3D (B-55, B-56, B-57)
B-58, B-59, B-60	0' - 0.5' 2.5' - 3.0'	Former Building Predating	C			3D (B-58, B-59, B-60)
T-1	0' - 0.5' 2.5' - 3.0'	Pad-Mounted Transformer		D		- -
T-1 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate		D DUP		
T-2	0' - 0.5' 2.5' - 3.0'	Pole-Mounted Transformer		- D		
2 EB	NA 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.

eurofins | Environment Tetting Temperature Controlled IF THIS SHIPMENT IS DELAYED IN TRANSIT, STORE REFRIGERATED (2° TO 8° C / 36° TO 47° F) TAL-0090(1016) S*IP DATE: 030CT23 ACTWGT: 57.30 LB C*D: 852262/CAFE3753 UNISTA IN: BLUA TEST AMERICA EUROFINS TESTAMERICA W SACRAMENTO BBO RIVERSIDE PARKWAY BILL SENDER .. WEST SACRAMENTO, CA 95605. UNITED STATES US EUROFINS ENV. TESTING SOUTHWEST SAMPLE RECEIVING **2841 DOW AVE** SUITE 100 **TUSTIN CA 92780** (949) 261-1022 REF: SEND OUTS **FedEx** Express 17:3 Gh PRIORITY OVERNIGHT **!780** 92780 CA-US SNA

EUROFINS ENV. TESTING SOUTHWEST SAMPLE RECEIVING 2841 DOW AVE 801TE-100 TUSTIN CA 92780 REF: SEND OUTS

ORIGIH ID:BLUA TEST AMERICA EUROFINS TESTAMERICA W SACRAMENTO BBO RIVERSIDE PARKWAY

MEST SACRAMENTO, CA SSEUS UNITED STATES US



FedE:

Fedex. 1515 4100

\$\ip datk: 030ct23 ACTWGT: 57.30 LB CMD: 852262/CAFE3753

BILL SENDER

92780 CA-US



4924994 03Oct 23:06 OAKH 57769/3D0A/D486

Fed Exc.
MPS# 6201 1515 4110



Page 27 of 28 4894 830ct

10/25/2023

Login Sample Receipt Checklist

Client: PlaceWorks, Inc. Job Number: 570-155226-2

Login Number: 155226 List Source: Eurofins Calscience

List Number: 1

Creator: Gutierrez, Rebecca

Creator: Gutierrez, Redecca		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a smeter.</td <td>survey N/A</td> <td></td>	survey 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 immed HTs)	diate 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 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



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 10/16/2023 11:21:01 AM Revision 1

Authorized for release by Lori Thompson, Project Manager I Lori.Thompson@et.eurofinsus.com (657)212-3035

12

14

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Laboratory Job ID: 570-155379-1

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Definitions/Glossary

Client: PlaceWorks, Inc. Job ID: 570-155379-1

Project/Site: SCUS-08.0

Qualifiers

GC Semi VOA

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.

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

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Case Narrative

Client: PlaceWorks, Inc.

Job ID: 570-155379-1

Project/Site: SCUS-08.0

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.

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Job ID: 570-155379-1

Client: PlaceWorks, Inc.

Project/Site: SCUS-08.0

Client Sample ID: B-44 @ 0).5'				Lab San	nple ID: 57	0-155379-1
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-44 @ 2	2.5'				Lab San	nple ID: 57	0-155379-2
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-45 @ 0).5'				Lab San	nple ID: 57	0-155379-3
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-45 @ 2	2.5'				Lab San	nple ID: 57	0-155379-4
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-46 @ 0).5'				Lab San	nple ID: 57	0-155379-5
Analyte	Posult	Qualifier	RL	Unit	Dil Fac D	Mathad	Prep Type
Composited	yes	Qualifier		NONE	_ 	Composite	Total/NA
Client Sample ID: B-46 @ 2	2.5'				Lab San		0-155379-6
						•	
Analyte Composited	Result yes	Qualifier	RL	Unit NONE	_ Dil Fac D	Method Composite	Total/NA
Client Sample ID: B-47 @ 0				NONE			0-155379-7
						1010101	
Analyte		Qualifier	RL	Unit	_ Dil Fac D		Prep Type
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-47 @ 2	2.5'				Lab San	nple ID: 57	0-155379-8
Analyte	Result	Qualifier	RL	Unit	Dil Fac D		Prep Type
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-48 @ 0).5'				Lab San	nple ID: 57	0-155379-9
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-48 @ 2	2.5'				Lab Samı	ole ID: 570	-155379-10
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-49 @ 0).5'				Lab Sam	ple ID: 570	-155379-11
Analyte	Been!	Ouglifier	Di	l le:4	Dil Foo D	Mathad	Dron Time
Analyte Composited	yes	Qualifier	RL	Unit NONE	<u>Dil Fac</u> D	Method Composite	Total/NA
_ ·						·	
Client Sample ID: B-49 @ 2	2.3				Lan Sam	טופ :עו אוע: 5/U	-155379-12
Analyte	Result	Qualifier	RL	Unit	Dil Fac D		Prep Type
Composited	yes			NONE	1	Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0 Job ID: 570-155379-1

Lab Sample ID: 570-155379-13 Client Sample ID: B-50 @ 0.5' Result Qualifier RL Unit Dil Fac D Method Analyte **Prep Type** NONE Composited Composite Total/NA yes Client Sample ID: B-50 @ 2.5' Lab Sample ID: 570-155379-14 Analyte Result Qualifier RL Unit Dil Fac D Method **Prep Type** NONE Composited yes Composite Total/NA Lab Sample ID: 570-155379-15 Client Sample ID: B-51 @ 0.5' Analyte Result Qualifier Unit Dil Fac D Method RL **Prep Type** Composited yes NONE 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 NONE Composite Total/NA yes Client Sample ID: B-52 @ 0.5' Lab Sample ID: 570-155379-17 Result Qualifier Unit Dil Fac D Method Analyte RL **Prep Type** NONE Composited Composite Total/NA yes Lab Sample ID: 570-155379-18 Client Sample ID: B-52 @ 2.5' **Analyte** Result Qualifier RL Unit Dil Fac D Method **Prep Type** Composited yes NONE 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 NONE Composite Total/NA yes Client Sample ID: B-53 @ 2.5' Lab Sample ID: 570-155379-20 Analyte Result Qualifier RLUnit Dil Fac D Method **Prep Type** Composited yes NONE 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** NONE Total/NA Composited yes Composite Client Sample ID: B-54 @ 2.5' Lab Sample ID: 570-155379-22 Analyte Result Qualifier Unit RL Dil Fac D Method **Prep Type** Total/NA NONE Composited Composite yes Client Sample ID: B-55 @ 0.5' Lab Sample ID: 570-155379-23 Analyte Result Qualifier Unit Dil Fac D Method RL**Prep Type** Lead 57.3 1.97 5 6010B Total/NA mg/Kg NONE Total/NA Composited yes Composite

This Detection Summary does not include radiochemical test results.

Job ID: 570-155379-1

Client: PlaceWorks, Inc.

Project/Site: SCUS-08.0

Analyte	Client Sample ID: B-55	@ 2.5'				Lab San	nple ID: 570	-155379-24
Composited Yes	Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
Result Qualifier RL Unit Dil Fac D Method Prep Type Total/IVA		yes			NONE	1	Composite	
Lead Occomposited yes NONE 1 Composite TotaliNA Composited Yes NONE 1 Composite TotaliNA Composited Yes NONE 1 Composite TotaliNA Composited NONE 1 Composite TotaliNA Composited NONE 1 Composite TotaliNA NONE 1 DIFFAC D Method Prep Type Composited NONE 1 Composite TotaliNA Composited Yes NONE 1 Composite TotaliNA NONE 1 Composit	Client Sample ID: B-56	@ 0.5'				Lab San	nple ID: 570	-155379-25
Composited yes NONE 1 Composite Total/NA Client Sample ID: B-56 @ 2.5' Analyte Result Qualifier yes NONE 1 Dil Fac D Method Prep Type Composited Prep Type Total/NA Client Sample ID: B-57 @ 0.5' Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Total/NA Composited Prep Type Laba Sample ID: 570-155379-29 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Laba Sample ID: 570-155379-30 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Total/NA Client Sample ID: B-58 @ 2.5' 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 60108 Total/NA Client Sample ID: B-59 @ 0.5' Lab Sample ID: 570-155379-31 Composited Prep Type Composited Prep Type 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 Prep Type Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Composited Prep Type Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-34 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-34 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-34	Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
Client Sample ID: B-56 @ 2.5' Analyte	Lead	367		2.00	mg/Kg	5	6010B	Total/NA
Composited Result Qualifier RL	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 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 Total/NA Client Sample ID: B-58 @ 0.5' Lab Sample ID: 570-155379-28 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 Total/NA Client Sample ID: B-58 @ 2.5' Lab Sample ID: 570-155379-29 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 Total/NA Client Sample ID: B-59 @ 0.5' Lab Sample ID: 570-155379-30 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Total/NA Client Sample ID: B-59 @ 0.5' Lab Sample ID: 570-155379-30 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 Total/NA Client Sample ID: B-59 @ 2.5' Lab Sample ID: 570-155379-31 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Total/NA Client Sample ID: B-50 @ 2.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 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 Total/NA Composited Prep Type Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-34 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-34	Client Sample ID: B-56	@ 2.5'				Lab San	nple ID: 570	-155379-26
Client Sample ID: B-57 @ 0.5' Lab Sample ID: 570-155379-27	Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Gomposited Dis B-58 @ 0.5' Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Total/NA NONE Dil Fac D Method Prep Type Total/NA Dil Fac D Method Prep Type Total/NA Dil Fac D Method Prep Type Total/NA Total/NA Dil Fac D Method Prep Type Tot	Composited	yes			NONE	1	Composite	Total/NA
Lead Gemposited Section Sect	Client Sample ID: B-57	@ 0.5'				Lab San	nple ID: 570	-155379-27
Lead Gemposited Section Sect	Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
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 DII Fac D Method Prep Type Lead 39.4 1.97 NONE 1 Composite Total/NA Client Sample ID: B-58 @ 2.5' Lab Sample ID: 570-155379-30 Analyte Result Qualifier RL Unit DII Fac D Method Prep Type Lead Sample ID: B-58 @ 2.5' Lab Sample ID: 570-155379-30 Analyte Result Qualifier RL Unit DII Fac D Method Prep Type Composited Yes D NONE 1 Composite Total/NA Client Sample ID: B-59 @ 0.5' Lab Sample ID: 570-155379-30 Analyte Result Qualifier RL Unit DII Fac D Method Prep Type Total/NA Client Sample ID: B-59 @ 0.5' Lab Sample ID: 570-155379-31 Analyte Result Qualifier RL Unit DII Fac D Method Prep Type Lead 36.8 1.96 mg/kg 5 6010B Total/NA Client Sample ID: B-59 @ 2.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit DII Fac D Method Prep Type Total/NA Client Sample ID: B-59 @ 2.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit DII Fac D Method Prep Type Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit DII Fac D Method Prep Type Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit DII Fac D Method Prep Type Total/NA Client Sample ID: 570-155379-33 Analyte Result Qualifier RL Unit DII Fac D Method Prep Type Total/NA Client Sample ID: 570-155379-33 Analyte Result Qualifier RL Unit DII Fac D Method Prep Type Total/NA Client Sample ID: 570-155379-33							_	
Analyte	Composited	yes				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 Total/NA Client Sample ID: B-59 @ 0.5' Lab Sample ID: 570-155379-30 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 Total/NA Client Sample ID: B-59 @ 2.5' Lab Sample ID: 570-155379-31 Client Sample ID: B-59 @ 2.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Total/NA Client Sample ID: B-50 @ 0.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-34 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 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 Total/NA Client Sample ID: B-60 @ 2.5' Lab Sample ID: 570-155379-34	Client Sample ID: B-57	@ 2.5'				Lab San	nple ID: 570	-155379-28
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 Total/NA Client Sample ID: B-59 @ 0.5' Lab Sample ID: 570-155379-30 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 Total/NA Client Sample ID: B-59 @ 2.5' Lab Sample ID: 570-155379-31 Client Sample ID: B-59 @ 2.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Total/NA Client Sample ID: B-50 @ 0.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-34 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 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 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
Analyte								
Lead	Client Sample ID: B-58	@ 0.5'				Lab San	nple ID: 570	-155379-29
Lead	Δnalyte	Result	Qualifier	RI	Unit	Dil Fac	D Method	Pren Tyne
Composited yes							_	
Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Composited yes Result Qualifier RL Unit Dil Fac D Method Prep Type Lead 36.8 1.96 mg/Kg 5 6010B Total/NA Client Sample ID: B-59 @ 2.5' Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Lead 36.8 1.96 mg/Kg 5 6010B 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 Prep Type Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type Lead 37.8 1.96 mg/Kg 5 6010B Total/NA Client 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 Client Sample ID: B-60 @ 2.5' Lab Sample ID: 570-155379-34 Client Sample ID: B-60 @ 2.5' Lab Sample ID: 570-155379-34	Composited	yes				1		Total/NA
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 Gomposited 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 Gomposited Total/NA Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-32 Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 Gomposited Total/NA Composited Yes NONE 1 Composite Total/NA Composited Prep Type Type Total/NA Composited Prep Type Type 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 Type Type Type Type Type Type Ty	Client Sample ID: B-58	@ 2.5'				Lab San	nple ID: 570	-155379-30
Client Sample ID: B-59 @ 0.5' Lab Sample ID: 570-155379-31	Analyte	Result	Qualifier	RL	Unit	Dil Fac	D Method	Prep Type
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 Yes NONE 1 Dil Fac D Method Prep Type Composited Yes NONE 1 Dil Fac D Method Prep Type 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 Lead Total/NA Client Sample ID: B-60 @ 2.5' Lab Sample ID: 570-155379-34	Composited	yes			NONE	1	Composite	
Lead 36.8 yes 1.96 mg/Kg 5 6010B Total/NA Composited yes NONE 1 Composite Total/NA NONE 1 Composite Total/NA Client Sample ID: B-59 @ 2.5' Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type 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 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 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	Client Sample ID: B-59	@ 0.5'				Lab San	nple ID: 570	-155379-31
Lead 36.8 1.96 mg/Kg 5 6010B Total/NA	Analyte	Rosult	Qualifier	RI	Unit	Dil Fac	D Method	Pren Tyne
Composited yes NONE 1 Composite Total/NA Client Sample ID: B-59 @ 2.5' Lab Sample ID: 570-155379-32 Analyte Result Operation of the composite Result Operation of the composi			Qualifier					
Analyte Result Qualifier RL Unit Dil Fac D Method 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 Go10B Total/NA Composited Total/NA Lab Sample ID: 570-155379-33 Lab Sample ID: 570-155379-34 Lab Sample ID: 570-155379-34 Lab Sample ID: 570-155379-34	Composited						Composite	
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	Client Sample ID: B-59	@ 2.5'				Lab San	nple ID: 570	-155379-32
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	Δnalyte	Result	Qualifier	RI	Unit	Dil Fac	D Method	Pren Tyne
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' 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	Client Sample ID: B-60	@ 0.5'				Lab San	nple ID: 570	-155379-33
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	Δnalyte	Result	Qualifier	RI	Unit	Dil Fac	D Method	Pren Tyne
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								
Analyte Result Qualifier RL Unit Dil Fac D Method Prep Type								
	Client Sample ID: B-60	@ 2.5'				Lab San	nple ID: 570	-155379-34
	Analyte	Result	Qualifier	RI	Unit	Dil Fac	D Method	Prep Type

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client: PlaceWorks, Inc.

Job ID: 570-155379-1

Project/Site: SCUS-08.0

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		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 [Method	Prep Type
Lead	89.7	2.01	mg/Kg		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 [Method	Prep Type
Lead	14.8	1.95	mg/Kg		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	_ <u> </u>	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	<u></u>	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		6010B	Total/NA
Composited	ves		NONE	1	Composite	Total/NA

This Detection Summary does not include radiochemical test results.

10/16/2023 (Rev. 1)

Job ID: 570-155379-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Client Sample ID: A-	7 @ 0.5'				Lab Samı	ole ID: 570)-155379-53
Analyte		Qualifier	RL	Unit	Dil Fac D		Prep Type
Lead	14.9		1.98			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 Sam	ole ID: 570	-155379-55
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	20.9		1.98	mg/Kg		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	3 10.04.23				Lab Sam	ole ID: 570)-155379-57
Analyte		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'	Composit	te		Lab Sam	ole ID: 570	-155379-58
No Detections.							
Client Sample ID: B-	44, B-45 @ 2.5'	Composit	te		Lab Sam	ole ID: 570	-155379-59
No Detections.							
Client Sample ID: B-	46, B-47, B-48 (@ 0.5' Con	nposite		Lab Sam	ole ID: 570	-155379-60
No Detections.							
Client Sample ID: B-	46, B-47, B-48 (@ 2.5' Con	nposite		Lab Samı	ole ID: 570	-155379-61
No Detections.							
Client Sample ID: B-	49, B-50, B-51 (@ 0.5' Con	nposite		Lab Sam	ole ID: 570)-155379-62
No Detections.							
Client Sample ID: B-	49, B-50, B-51 (@ 2.5' Con	nposite		Lab Samı	ole ID: 570)-155379-63
No Detections.							
Client Sample ID: B-	52, B-53, B-54 (@ 0.5' Con	nposite		Lab Samı	ole ID: 570)-155379-64
No Detections.							
Client Sample ID: B-	·52, B-53, B-54 (@ 2.5' Con	nposite		Lab Sam	ole ID: 570)-155379-65
No Detections.	D D	0.0.51.0	14 .		1 -1 0		455070.00
Client Sample ID: B-	55, B-56, B-57 (<u>w</u> 0.5' Con	nposite		Lab Sam	pie iD: 570)-155379-66
No Detections.	EE DEC DEZ	@ 0 El Oc.	nnooite		Lab Carre	ala ID: EZC	145570.03
Client Sample ID: B-	:33, B-36, B-3/ (<u>w</u> ∠.ɔ Con	nposite		Lab Sam	טופ וט: 5/0)-155379-67
No Detections.	E0 D E0 D C0 /	@ 0 E' Cam	nnooito		Lab Carr	ala ID: EZC	166270.00
Client Sample ID: B-	:30, D-39, B-60 (w v.5 Con	nposite		Lab Sam	טופ וט: 5/0)-155379-68
No Detections.							

This Detection Summary does not include radiochemical test results.

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Detection Summary

Project/Site: SCUS-08.0	332 12.373 133373
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.

Client: PlaceWorks, Inc.

Job ID: 570-155379-1

Client Sample Results

Client: PlaceWorks, Inc. Job ID: 570-155379-1 Project/Site: SCUS-08.0

Method: SW846 8081A - Organochlorine Pesticides (GC)

ND

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 RL Result Qualifier Unit D Prepared Analyzed Dil Fac 4,4'-DDD 0.042 ND ug/L 10/10/23 08:09 10/11/23 17:44 4,4'-DDE ND 0.021 ug/L 10/10/23 08:09 10/11/23 17:44 4,4'-DDT ND 0.021 ug/L 10/10/23 08:09 10/11/23 17:44 Aldrin ND 0.021 ug/L 10/10/23 08:09 10/11/23 17:44 alpha-BHC ND 0.0084 ug/L 10/10/23 08:09 10/11/23 17:44 cis-Chlordane ND 0.021 ug/L 10/10/23 08:09 10/11/23 17:44 beta-BHC ND 0.032 ug/L 10/10/23 08:09 10/11/23 17:44 delta-BHC ND 0.021 10/10/23 08:09 10/11/23 17:44 ug/L Dieldrin ND 0.021 ug/L 10/10/23 08:09 10/11/23 17:44 ug/L Endosulfan I ND 0.0084 10/10/23 08:09 10/11/23 17:44 Endosulfan II ND 0.042 ug/L 10/10/23 08:09 10/11/23 17:44 Endosulfan sulfate ND 0.021 ug/L 10/10/23 08:09 10/11/23 17:44 Endrin ND 0.021 ug/L 10/10/23 08:09 10/11/23 17:44 Endrin aldehyde ND 0.21 ug/L 10/10/23 08:09 10/11/23 17:44 Endrin ketone ND 0.021 ug/L 10/10/23 08:09 10/11/23 17:44 gamma-BHC (Lindane) 10/10/23 08:09 10/11/23 17:44 ND 0.0084 ug/L ND trans-Chlordane 0.063 10/10/23 08:09 10/11/23 17:44 ug/L Heptachlor ND 0.0084 ug/L 10/10/23 08:09 10/11/23 17:44 Heptachlor epoxide ND 0.042 ug/L 10/10/23 08:09 10/11/23 17:44 Methoxychlor ND 0.042 ug/L 10/10/23 08:09 10/11/23 17:44

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

0.42

ug/L

Client Sample ID: B-44, B-45 @ 0.5' Composite Lab Sample ID: 570-155379-58

Date Collected: 10/04/23 00:00 Date Received: 10/05/23 09:40

Toxaphene

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

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10/10/23 08:09 10/11/23 17:44

Matrix: Solid

Job ID: 570-155379-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

Date	ent Sample ID: B-44, B-45 (e Collected: 10/04/23 00:0(e Received: 10/05/23 09:40	j .	oosite				Lab Sampi	ie id: 570-155 Matrix	: Solid
Anal	yte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Тоха	phene	ND		25	ug/Kg		10/09/23 11:06	10/13/23 23:04	1
Surr	ogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetra	chloro-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 Lab Sample ID: 570-155379-59 Date Collected: 10/04/23 00:00 **Matrix: Solid**

Date Received: 10/05/23 09:40

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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 23:1	8 1
Į	DCB Decachlorobiphenyl (Surr)	93		37 - 151	10/09/23 11:06 10/13/23 23:1	8 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

Date Received. 10/00/20	7 03.70						
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
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Lab Sample ID: 570-155379-60

Matrix: Solid

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Client: PlaceWorks, Inc. Job ID: 570-155379-1

Project/Site: SCUS-08.0

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

Client Sample ID: B-46, B-47 Date Collected: 10/04/23 00:							Lab Sample ID: 570-155379-6 Matrix: Solid				
Date Received: 10/05/23 09: Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac			
Endosulfan II	ND 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

DCB Decachlorobiphenyl (Surr)

Date Received: 10/05/23 09	9:40							
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

10/09/23 11:06 10/13/23 23:46

37 - 151

Lab Sample ID: 570-155379-61

Matrix: Solid

Client Sample Results

Job ID: 570-155379-1 Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
4,4'-DDD	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
4,4'-DDE	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
4,4'-DDT	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Aldrin	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
alpha-BHC	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
cis-Chlordane	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
beta-BHC	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
delta-BHC	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Dieldrin	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Endosulfan I	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Endosulfan II	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Endosulfan sulfate	ND	*1	4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Endrin	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Endrin aldehyde	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Endrin ketone	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
gamma-BHC (Lindane)	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
trans-Chlordane	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Heptachlor	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Heptachlor epoxide	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Methoxychlor	ND	*1	4.9	ug/Kg		10/09/23 11:06	10/14/23 00:01	
Toxaphene	ND		25	ug/Kg		10/09/23 11:06	10/14/23 00:01	

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	9:40						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

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Lab Sample ID: 570-155379-62

Matrix: Solid

Lab Sample ID: 570-155379-63

Job ID: 570-155379-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Client Sample ID: B-49, B-50, B-51 @ 2.5' Composite

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

Lab Sample ID: 570-155379-63

Matrix: Solid

Date Received: 10/05/23 09:4	40							
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 Lab Sample ID: 570-155379-64 Date Collected: 10/04/23 00:00 **Matrix: Solid**

Date Collected: 10/04/23 00:00

Date Received: 10/05/23 09:40 Analyte Result Qualifier RL Unit Dil Fac Prepared Analyzed 4,4'-DDD ND 5.0 10/09/23 11:06 10/14/23 00:29 ug/Kg 4,4'-DDE ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 5.0 10/09/23 11:06 10/14/23 00:29 4,4'-DDT ND ug/Kg Aldrin ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 alpha-BHC ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 cis-Chlordane ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 beta-BHC ND 5.0 10/09/23 11:06 10/14/23 00:29 ug/Kg delta-BHC ND 5.0 10/09/23 11:06 10/14/23 00:29 ug/Kg Dieldrin ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 Endosulfan I ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 Endosulfan II ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 Endosulfan sulfate ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 Endrin ND 5.0 10/09/23 11:06 10/14/23 00:29 ug/Kg Endrin aldehyde ND 5.0 10/09/23 11:06 10/14/23 00:29 ug/Kg Endrin ketone ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 5.0 gamma-BHC (Lindane) ND 10/09/23 11:06 10/14/23 00:29 ug/Kg trans-Chlordane ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 Heptachlor ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 Heptachlor epoxide ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 Methoxychlor ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 00:29 Toxaphene ND 25 ug/Kg 10/09/23 11:06 10/14/23 00:29

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

Date Neceived. 10/03/23 03.40							
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

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Matrix: Solid

Lab Sample ID: 570-155379-65

Job ID: 570-155379-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

66

133

83

Client Sample ID: B-52, I Date Collected: 10/04/23		omposit	e		Lab Samp	le ID: 570-155 Matrix	379-65 c: Solid
Date Received: 10/05/23							
Analyte	Result C	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	,
Surrogate	%Recovery G	Qualifier	Limits		Prepared	Analyzed	Dil Fac

38 - 148

37 - 151

Client Sample ID: B-55, B-56, B-57 @ 0.5' Composite

Date Collected: 10/04/23 00:00

Tetrachloro-m-xylene (Surr)

DCB Decachlorobiphenyl (Surr)

DCB Decachlorobiphenyl (Surr)

Date Received: 10/05/23 09	9:40							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	MD		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
								_

10/09/23 11:06 10/14/23 00:58

37 - 151

10/09/23 11:06 10/14/23 00:44

10/09/23 11:06 10/14/23 00:44

Lab Sample ID: 570-155379-66

Matrix: Solid

Client: PlaceWorks, Inc. Job ID: 570-155379-1

RL

Unit

ug/Kg

ug/Kg

ug/Kg

ug/Kg

ug/Kg

ug/Kg

D

Prepared

Method: SW846 8081A - Organochlorine Pesticides (GC)

Result Qualifier

ND

ND

ND

ND

ND

ND

79

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

Project/Site: SCUS-08.0

Analyte

Endrin ketone

trans-Chlordane

Heptachlor epoxide

Heptachlor

Methoxychlor

gamma-BHC (Lindane)

Lab Sample ID: 570-155379-67

10/09/23 11:06 10/14/23 01:12

10/09/23 11:06 10/14/23 01:12

10/09/23 11:06 10/14/23 01:12

10/09/23 11:06 10/14/23 01:12

10/09/23 11:06 10/14/23 01:12

10/09/23 11:06 10/14/23 01:12

10/09/23 11:06 10/14/23 01:12

Matrix: Solid

Analyzed

4,4'-DDD 5.0 ND ug/Kg 10/09/23 11:06 10/14/23 01:12 4,4'-DDE ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 01:12 4,4'-DDT ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 01:12 ND 5.0 Aldrin ug/Kg 10/09/23 11:06 10/14/23 01:12 alpha-BHC ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 01:12 cis-Chlordane ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 01:12 beta-BHC ND 5.0 10/09/23 11:06 10/14/23 01:12 ug/Kg delta-BHC ND 5.0 10/09/23 11:06 10/14/23 01:12 ug/Kg Dieldrin ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 01:12 Endosulfan I ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 01:12 Endosulfan II ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 01:12 Endosulfan sulfate ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 01:12 Endrin ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 01:12 Endrin aldehyde ND 5.0 ug/Kg 10/09/23 11:06 10/14/23 01:12

Toxaphene ND 25 ug/Kg 10/09/23 11:06 10/14/23 01:12 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

5.0

5.0

5.0

5.0

5.0

5.0

Client Sample ID: B-58, B-59, B-60 @ 0.5' Composite

DCB Decachlorobiphenyl (Surr)

Lab Sample ID: 570-155379-68 Date Collected: 10/04/23 00:00 **Matrix: Solid** Date Received: 10/05/23 09:40

37 - 151

Amelysta	Decult Ovelifier	DI	Unit	D	Duamanad	A malumad	Dil Fac
Analyte	Result Qualifier	RL			Prepared	Analyzed	DII 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

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6

Dil Fac

Job ID: 570-155379-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

ND

ND

ND

ND

ND

ND

ND

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

Date Received: 10/05/23 09:40 Analyte RL Unit D Result Qualifier Prepared

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

- att 110001110a1 10100120	••••						
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

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

5.0

5.0

5.0

5.0

5.0

5.0

25

ug/Kg

ug/Kg

ug/Kg

ug/Kg

ug/Kg

ug/Kg

ug/Kg

Client Sample ID: A-1, A-6 @ 0.5' Composite

Date Collected: 10/04/23 00:00

Endrin ketone

trans-Chlordane

Heptachlor epoxide

Heptachlor

Methoxychlor

Toxaphene

gamma-BHC (Lindane)

Date Received: 10/05/23 09:40

Date Received. 10/00/2	10 UJ.7U						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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
The state of the s							

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Matrix: Solid

Matrix: Solid

Analyzed

Lab Sample ID: 570-155379-69

10/09/23 11:06 10/14/23 01:41

10/09/23 11:06 10/14/23 01:41

10/09/23 11:06 10/14/23 01:41

10/09/23 11:06 10/14/23 01:41

10/09/23 11:06 10/14/23 01:41

10/09/23 11:06 10/14/23 01:41

10/09/23 11:06 10/14/23 01:41

Lab Sample ID: 570-155379-70

Matrix: Solid

Dil Fac

Client: PlaceWorks, Inc. Job ID: 570-155379-1 Project/Site: SCUS-08.0

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

Client Sample ID: A-1, A-6 @ 0.5' Composite Lab Sample ID: 570-155379-70

Date Collected: 10/04/23 00:00 Date Received: 10/05/23 09:40

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND 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
Į	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						
Analyte	Result Qualifier	r RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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	r Limits			Prepared	Analyzed	Dil Fac

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

Matrix: Solid

Lab Sample ID: 570-155379-71

Matrix: Solid

Client: PlaceWorks, Inc.

Job ID: 570-155379-1

Project/Site: SCUS-08.0

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: A-2, A-3 @ 0.5' Composite

Lab Sample ID: 570-155379-72

Date Collected: 10/04/23 00:00

Matrix: Solid

Date Collected: 10/04/23 00:00 Date Received: 10/05/23 09:40

Analyte	Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
4,4'-DDD	ND ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
4,4'-DDE	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
4,4'-DDT	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Aldrin	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
alpha-BHC	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
cis-Chlordane	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
beta-BHC	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
delta-BHC	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Dieldrin	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Endosulfan I	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Endosulfan II	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Endosulfan sulfate	ND '	*1	4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Endrin	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Endrin aldehyde	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Endrin ketone	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
gamma-BHC (Lindane)	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
trans-Chlordane	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Heptachlor	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Heptachlor epoxide	ND		4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Methoxychlor	ND '	*1	4.9	ug/Kg		10/09/23 11:06	10/14/23 02:24	
Toxaphene	ND		25	ug/Kg		10/09/23 11:06	10/14/23 02:24	

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	9:40						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

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Lab Sample ID: 570-155379-73

Matrix: Solid

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3

6

0

10

12

14

1

Client: PlaceWorks, Inc. Job ID: 570-155379-1

Project/Site: SCUS-08.0

Heptachlor epoxide

Methoxychlor

Toxaphene

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

ND

ND

ND *1

Client Sample ID: A-4, A-5 @ 0.5' Composite								
		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	ND		25	ug/Kg				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
Date Collected: 10/04/23 00	:00	site				Lab Samp		
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

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

4.9

4.9

25

ug/Kg

ug/Kg

ug/Kg

10/09/23 11:06 10/14/23 02:53

10/09/23 11:06 10/14/23 02:53

10/09/23 11:06 10/14/23 02:53

Client: PlaceWorks, Inc. Job ID: 570-155379-1 Project/Site: SCUS-08.0

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

55

Lab Sample ID: 570-155379-35

10/05/23 15:12 10/09/23 19:13

Date Collected: 10/04/23 08: Date Received: 10/05/23 09:	• •					Matrix	c: 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

Client Sample ID: EB 10.04.23 Lab Sample ID: 570-155379-57 Date Collected: 10/04/23 12:20 **Matrix: Water**

25 - 120

Tetrachloro-m-xylene (Surr)

Client Sample ID: T-2 @ 0.5'

Date Received: 10/05/23 0	9:40						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND ND	0.42	ug/L		10/10/23 08:09	10/11/23 12:29	
PCB-1221	ND	0.42	ug/L		10/10/23 08:09	10/11/23 12:29	•
PCB-1232	ND	0.42	ug/L		10/10/23 08:09	10/11/23 12:29	•
PCB-1242	ND	0.42	ug/L		10/10/23 08:09	10/11/23 12:29	
PCB-1248	ND	0.42	ug/L		10/10/23 08:09	10/11/23 12:29	•
PCB-1254	ND	0.42	ug/L		10/10/23 08:09	10/11/23 12:29	•
PCB-1260	3.5	0.42	ug/L		10/10/23 08:09	10/11/23 12:29	
I and the second							

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

Project/Site: SCUS-08.0

Client: PlaceWorks, Inc. Job ID: 570-155379-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-55 @ 0.5'						Lab Sampl	e ID: 570-155	379-23
Date Collected: 10/04/23 10:05						•		c: Solid
Date Received: 10/05/23 09:40								
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'						Lab Sampl	e ID: 570-155	379-25
Date Collected: 10/04/23 10:30						•		c: Solid
Date Received: 10/05/23 09:40								
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						Lab Sampl	e ID: 570-155	379-27 c: Solid
Date Received: 10/04/23 10:29							Matrix	t. Soliu
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	68.9	- Qualifier	1.97	mg/Kg			10/13/23 13:37	5
Leau -	66.9		1.91	mg/Kg		10/13/23 03.39	10/13/23 13.37	J
Client Sample ID: B-58 @ 0.5'						Lab Sampl	e ID: 570-155	
Date Collected: 10/04/23 10:20							Matrix	c: Solid
Date Received: 10/05/23 09:40								
<u>Analyte</u>		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'						Lab Sampl	e ID: 570-155	379-31
Date Collected: 10/04/23 10:15							Matrix	c: Solid
Date Received: 10/05/23 09:40								
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'						Lab Sampl	e ID: 570-155	379-33
Date Collected: 10/04/23 10:10						•		c: Solid
Date Received: 10/05/23 09:40								
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'						Lab Sampl	e ID: 570-155	379-37
Date Collected: 10/04/23 11:15								c: Solid
Date Received: 10/05/23 09:40								
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'						Lah Samni	e ID: 570-155	379-39
Date Collected: 10/04/23 11:20						_uu oumpi		c: Solid
Date Received: 10/05/23 09:40								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	89.7	<u> </u>	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'						Lab Sample	e ID: 570-155	379-41
Date Collected: 10/04/23 08:35								c: Solid
Date Received: 10/05/23 09:40								554
I TOUCHTONI I DIVOIED DUITU								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Job ID: 570-155379-1

Client: PlaceWorks, Inc.

Project/Site: SCUS-08.0

Lead

Arsenic

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: A-6 @ 0.5' Date Collected: 10/04/23 08:35						Lab Samp	e ID: 570-155	379-41 c: Solid
Date Received: 10/05/23 09:40							Matrix	. Solia
Analyte	Pocult	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.18	Qualifier	2.93	mg/Kg	_ =	10/13/23 05:39	10/13/23 13:56	5
- Arsenic	4.10		2.93	mg/rtg		10/13/23 03.39	10/13/23 13.30	3
Client Sample ID: A-6 DUP @ 0.5'						Lab Sampl	e ID: 570-155	379-43
Date Collected: 10/04/23 08:40							Matrix	: Solid
Date Received: 10/05/23 09:40								
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 Comple ID: A 2 @ 0.5!						Lab Campl	o ID. 570 455	270 45
Client Sample ID: A-2 @ 0.5' Date Collected: 10/04/23 09:30						Lab Samp	e ID: 570-155	
							Matrix	: Solid
Date Received: 10/05/23 09:40 Analyte	Pocult	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.6	Qualifier	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 14:01	5
Arsenic	3.39		2.94	mg/Kg		10/13/23 03.39	10/13/23 14.01	3
Client Sample ID: A-3 @ 0.5'						Lab Samp	e ID: 570-155	379-47
Date Collected: 10/04/23 09:25								: Solid
Date Received: 10/05/23 09:40								
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'						Lab Samp	e ID: 570-155	379-49
Date Collected: 10/04/23 09:15							Matrix	c: Solid
Date Received: 10/05/23 09:40								
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 Comple ID: A E @ 0 E!						Lab Campl	o ID. 570 455	270 64
Client Sample ID: A-5 @ 0.5'						Lab Sampi	e ID: 570-155	
Date Collected: 10/04/23 09:10							Matrix	: Solid
Date Received: 10/05/23 09:40	Popult	Qualifier	RL	Unit	D	Prepared	Anglyzad	Dil Fac
Analyte		Qualifier	1.99			10/13/23 05:39	Analyzed	5
			1.99	mg/Kg			10/13/23 14:08	5 5
Lead Arsanic	16.6		2 00	ma/Ka				
Lead Arsenic	ND		2.99	mg/Kg		10/13/23 03.39	10/13/23 14.00	_
Arsenic			2.99	mg/Kg				
Arsenic Client Sample ID: A-7 @ 0.5'			2.99	mg/Kg			e ID: 570-155	379-53
Arsenic			2.99	mg/Kg			e ID: 570-155	
Arsenic Client Sample ID: A-7 @ 0.5' Date Collected: 10/04/23 09:00 Date Received: 10/05/23 09:40	ND	Qualifier	2.99 RL	mg/Kg Unit	D		e ID: 570-155	379-53
Arsenic Client Sample ID: A-7 @ 0.5' Date Collected: 10/04/23 09:00	ND	Qualifier			<u>D</u>	Lab Sampl	e ID: 570-155 Matrix	379-53 :: Solid
Arsenic Client Sample ID: A-7 @ 0.5' Date Collected: 10/04/23 09:00 Date Received: 10/05/23 09:40 Analyte	ND Result	Qualifier	RL	Unit	<u>D</u>	Lab Sample	e ID: 570-155 Matrix Analyzed 10/13/23 14:11	5379-53 x: Solid Dil Fac
Client Sample ID: A-7 @ 0.5' Date Collected: 10/04/23 09:00 Date Received: 10/05/23 09:40 Analyte Lead Arsenic	Result 14.9	Qualifier	RL 1.98	Unit mg/Kg	<u>D</u>	Prepared 10/13/23 05:39 10/13/23 05:39	Analyzed 10/13/23 14:11 10/13/23 14:11	379-53 C: Solid Dil Fac
Client Sample ID: A-7 @ 0.5' Date Collected: 10/04/23 09:00 Date Received: 10/05/23 09:40 Analyte Lead Arsenic Client Sample ID: A-8 @ 0.5'	Result 14.9	Qualifier	RL 1.98	Unit mg/Kg	<u>D</u>	Prepared 10/13/23 05:39 10/13/23 05:39	e ID: 570-155 Matrix Analyzed 10/13/23 14:11 10/13/23 14:11 e ID: 570-155	5379-53 c: Solid Dil Fac 5 5
Client Sample ID: A-7 @ 0.5' Date Collected: 10/04/23 09:00 Date Received: 10/05/23 09:40 Analyte Lead Arsenic Client Sample ID: A-8 @ 0.5' Date Collected: 10/04/23 09:05	Result 14.9	Qualifier _	RL 1.98	Unit mg/Kg	<u>D</u>	Prepared 10/13/23 05:39 10/13/23 05:39	e ID: 570-155 Matrix Analyzed 10/13/23 14:11 10/13/23 14:11 e ID: 570-155	379-53 C: Solid Dil Fac
Client Sample ID: A-7 @ 0.5' Date Collected: 10/04/23 09:00 Date Received: 10/05/23 09:40 Analyte Lead Arsenic Client Sample ID: A-8 @ 0.5' Date Collected: 10/04/23 09:05 Date Received: 10/05/23 09:40	Result 14.9 4.73		RL 1.98 2.97	Unit mg/Kg mg/Kg		Prepared 10/13/23 05:39 10/13/23 05:39 Lab Samp	Analyzed 10/13/23 14:11 10/13/23 14:11 de ID: 570-155 Matrix	5379-53 C: Solid Dil Fac 5 5 5 5379-55 C: Solid
Client Sample ID: A-7 @ 0.5' Date Collected: 10/04/23 09:00 Date Received: 10/05/23 09:40 Analyte Lead Arsenic Client Sample ID: A-8 @ 0.5' Date Collected: 10/04/23 09:05	Result 14.9 4.73	Qualifier	RL 1.98	Unit mg/Kg	<u>D</u>	Prepared 10/13/23 05:39 10/13/23 05:39	e ID: 570-155 Matrix Analyzed 10/13/23 14:11 10/13/23 14:11 e ID: 570-155	379-53 C: Solid Dil Fa

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<u>10/13/23 05:39</u> <u>10/13/23 14:14</u>

10/13/23 05:39 10/13/23 14:14

1.98

2.97

mg/Kg

mg/Kg

20.9

4.02

5

5

Client: PlaceWorks, Inc. Job ID: 570-155379-1 Project/Site: SCUS-08.0

Method: SW846 6010B - Metals (ICP) - Total Recoverable

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

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

Job ID: 570-155379-1

Method: Composite - Sample Compositing

Client Sample ID: B-44 @ 0.5'	Lab Sample ID: 570-155379-1
Date Collected: 10/04/23 07:45	Matrix: Solid

Date Collected: 10/04/23 07:45 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac NONE 10/07/23 05:57

Composited yes

Client Sample ID: B-44 @ 2.5' Lab Sample ID: 570-155379-2 Date Collected: 10/04/23 07:45 Matrix: Solid

Date Received: 10/05/23 09:40 Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac

10/07/23 05:57 NONE Composited ves

Client Sample ID: B-45 @ 0.5' Lab Sample ID: 570-155379-3 **Matrix: Solid**

Date Collected: 10/04/23 07:40 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited yes

Client Sample ID: B-45 @ 2.5' Lab Sample ID: 570-155379-4 Matrix: Solid

Date Collected: 10/04/23 07:40 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac NONE

10/07/23 05:57 Composited yes

Client Sample ID: B-46 @ 0.5' Lab Sample ID: 570-155379-5

Date Collected: 10/04/23 07:35 **Matrix: Solid**

Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Dil Fac Prepared Analyzed NONE Composited 10/07/23 05:57 ves

Client Sample ID: B-46 @ 2.5' Lab Sample ID: 570-155379-6 Date Collected: 10/04/23 07:35 **Matrix: Solid**

Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Composited NONE 10/07/23 05:57 yes

Client Sample ID: B-47 @ 0.5' Lab Sample ID: 570-155379-7 Matrix: Solid

Date Collected: 10/04/23 07:30 Date Received: 10/05/23 09:40

Analyte Result Qualifier RLUnit D Prepared Analyzed Dil Fac Composited yes NONE 10/07/23 05:57

Client Sample ID: B-47 @ 2.5' Lab Sample ID: 570-155379-8

Date Collected: 10/04/23 07:30 **Matrix: Solid** Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Composited NONE 10/07/23 05:57 yes

Client Sample ID: B-48 @ 0.5' Lab Sample ID: 570-155379-9

Date Collected: 10/04/23 07:20 **Matrix: Solid**

Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited yes

Date Received: 10/05/23 09:40

Analyte

Composited

Job ID: 570-155379-1

Method: Composite - Sample Compositing

Client Sample ID: B-48 @ 2.5'						Lab Samp	le ID: 570-15	5379-10
Date Collected: 10/04/23 07:20							Matrix	c: Solid
Date Received: 10/05/23 09:40								
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'						Lab Samp	ole ID: 570-15	5379-11
Date Collected: 10/04/23 12:10							Matrix	c: Solid
Date Received: 10/05/23 09:40								
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'						Lab Samp	le ID: 570-15	5379-12
Date Collected: 10/04/23 12:10						•		c: Solid
Date Received: 10/05/23 09:40								
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'						Lab Samp	le ID: 570-15	5379-13
Date Collected: 10/04/23 12:05							Matrix	c: Solid
Date Received: 10/05/23 09:40								
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'						Lab Samp	le ID: 570-15	5379-14
Date Collected: 10/04/23 12:05						•	Matrix	c: Solid
Date Received: 10/05/23 09:40								
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'						Lab Samp	ole ID: 570-15	5379-15
Date Collected: 10/04/23 12:00						•	Matrix	c: Solid
Date Received: 10/05/23 09:40								
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'						Lab Samp	le ID: 570-15	5379-16
Date Collected: 10/04/23 12:00							Matrix	c: Solid
Date Received: 10/05/23 09:40								
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'						Lab Samp	le ID: 570-15	5379-17
Date Collected: 10/04/23 11:55						•	Matrix	c: Solid
Date Received: 10/05/23 09:40								
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'						Lab Samp	le ID: 570-15	5379-18
Date Collected: 10/04/23 11:55								c: Solid
Data Danaissads 40/05/02 00:40								

Analyzed

10/07/23 05:57

RL

Unit

NONE

Prepared

Result Qualifier

yes

Dil Fac

Job ID: 570-155379-1

Method: Composite - Sample Compositing

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

RL Analyte Result Qualifier Unit D Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited yes

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

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited ves

Client Sample ID: B-54 @ 0.5' Lab Sample ID: 570-155379-21 **Matrix: Solid**

Date Collected: 10/04/23 08:00 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited yes

Client Sample ID: B-54 @ 2.5' Lab Sample ID: 570-155379-22 Matrix: Solid

Date Collected: 10/04/23 08:00 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited yes

Client Sample ID: B-55 @ 0.5' Lab Sample ID: 570-155379-23

Date Collected: 10/04/23 10:05

Date Received: 10/05/23 09:40 Analyte Result Qualifier RL Unit D Dil Fac

Prepared Analyzed NONE Composited 10/07/23 05:57 ves

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

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Composited NONE 10/07/23 05:57 yes

Client Sample ID: B-56 @ 0.5' Lab Sample ID: 570-155379-25 **Matrix: Solid**

Date Collected: 10/04/23 10:30 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Composited yes NONE 10/07/23 05:57

Client Sample ID: B-56 @ 2.5' Lab Sample ID: 570-155379-26

Date Collected: 10/04/23 10:30

Date Received: 10/05/23 09:40 Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Composited NONE 10/07/23 05:57 yes

Client Sample ID: B-57 @ 0.5' Lab Sample ID: 570-155379-27 **Matrix: Solid**

Date Collected: 10/04/23 10:25 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited yes

Eurofins Calscience

Matrix: Solid

Matrix: Solid

Job ID: 570-155379-1

Matrix: Solid

Matrix: Solid

Matrix: Solid

Method: Composite - Sample Compositing

Client Sample ID: B-57 @ 2.5'	Lab Sample ID: 570-155379-28
Date Collected: 10/04/23 10:25	Matrix: Solid
D (D) 1 40/05/00 00 40	

Date Received: 10/05/23 09:40

RL Analyte Result Qualifier Unit D Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited yes

Client Sample ID: B-58 @ 0.5' Lab Sample ID: 570-155379-29 Date Collected: 10/04/23 10:20 **Matrix: Solid**

Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited ves

Client Sample ID: B-58 @ 2.5' Lab Sample ID: 570-155379-30

Date Collected: 10/04/23 10:20 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited yes

Client Sample ID: B-59 @ 0.5' Lab Sample ID: 570-155379-31 Date Collected: 10/04/23 10:15 Matrix: Solid

Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited yes

Client Sample ID: B-59 @ 2.5' Lab Sample ID: 570-155379-32

Date Collected: 10/04/23 10:15 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Dil Fac Prepared Analyzed NONE Composited 10/07/23 05:57 ves

Client Sample ID: B-60 @ 0.5' Lab Sample ID: 570-155379-33

Date Collected: 10/04/23 10:10 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Composited NONE 10/07/23 05:57 yes

Client Sample ID: B-60 @ 2.5' Lab Sample ID: 570-155379-34 Matrix: Solid

Date Collected: 10/04/23 10:10 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Composited yes NONE 10/07/23 05:57

Client Sample ID: A-1 @ 0.5' Lab Sample ID: 570-155379-37 **Matrix: Solid**

Date Collected: 10/04/23 11:15

Date Received: 10/05/23 09:40 Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Composited NONE 10/07/23 05:57 yes

Client Sample ID: A-1 DUP @ 0.5' Lab Sample ID: 570-155379-39 **Matrix: Solid**

Date Collected: 10/04/23 11:20 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac NONE 10/07/23 05:57 Composited yes

10/16/2023 (Rev. 1)

Job ID: 570-155379-1

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

Lab Sample ID: 570-155379-43

Project/Site: SCUS-08.0

Client: PlaceWorks, Inc.

Method: Composite - Sample Compositing

Client Sample ID: A-6 @ 0.5'	Lab Sample ID: 570-155379-41
Date Collected: 10/04/23 08:35	Matrix: Solid

Date Received: 10/05/23 09:40

RL Analyte Result Qualifier Unit D Prepared Analyzed Dil Fac NONE 10/07/23 05:57

Composited yes

Client Sample ID: A-6 DUP @ 0.5' Date Collected: 10/04/23 08:40

Date Received: 10/05/23 09:40 Result Qualifier Analyte RL Unit D Prepared Analyzed Dil Fac

NONE 10/07/23 06:05 Composited ves

Client Sample ID: A-2 @ 0.5' Lab Sample ID: 570-155379-45 Date Collected: 10/04/23 09:30 **Matrix: Solid**

Date Received: 10/05/23 09:40

Analyte Unit Result Qualifier RL Prepared Analyzed Dil Fac NONE 10/07/23 06:05 Composited yes

Client Sample ID: A-3 @ 0.5' Lab Sample ID: 570-155379-47 Matrix: Solid

Date Collected: 10/04/23 09:25 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Composited NONE 10/07/23 06:05 yes

Client Sample ID: A-4 @ 0.5' Lab Sample ID: 570-155379-49

Date Collected: 10/04/23 09:15 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Dil Fac Prepared Analyzed NONE Composited 10/07/23 06:05 ves

Client Sample ID: A-5 @ 0.5' Lab Sample ID: 570-155379-51

Date Collected: 10/04/23 09:10 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Composited NONE 10/07/23 06:05 yes

Client Sample ID: A-7 @ 0.5' Lab Sample ID: 570-155379-53

Date Collected: 10/04/23 09:00 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Composited yes NONE 10/07/23 06:05

Client Sample ID: A-8 @ 0.5' Lab Sample ID: 570-155379-55

Date Collected: 10/04/23 09:05 Date Received: 10/05/23 09:40

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Composited NONE 10/07/23 06:05 yes

Client: PlaceWorks, Inc. Job ID: 570-155379-1 Project/Site: SCUS-08.0

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)		
570-155379-58	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-x	ylene (Surr)				

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid Prep Type: Total/NA

			Percent Surrogate Recovery (Acce	eptance Limits)
		TCX2	DCB2	
Lab Sample ID	Client Sample ID	(38-148)	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)
		TCX2	DCB1	
Lab Sample ID	Client Sample ID	(38-148)	(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	

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

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Client: PlaceWorks, Inc. Job ID: 570-155379-1

Project/Site: SCUS-08.0

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid Prep Type: Total/NA

			Pe	rcent 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)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water Prep Type: Total/NA

			Percei	nt 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				

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

Matrix: Solid Prep Type: Total/NA

			Percei	nt 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 Decachlor	obiphenyl (Surr)			
TCX = Tetrachloro-m-x	ylene (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)

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QC Sample Results

Client: PlaceWorks, Inc. Job ID: 570-155379-1 Project/Site: SCUS-08.0

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 Qualifier RL	Unit	D	Prepared	Analyzed	Dil Fa
							DII Fa
4,4'-DDD	ND	0.040	ug/L		10/09/23 08:09	10/11/23 14:41	
4,4'-DDE	ND	0.020	ug/L		10/09/23 08:09	10/11/23 14:41	
4,4'-DDT	ND	0.020	ug/L		10/09/23 08:09	10/11/23 14:41	
Aldrin	ND	0.020	ug/L		10/09/23 08:09	10/11/23 14:41	
alpha-BHC	ND	0.0080	ug/L		10/09/23 08:09	10/11/23 14:41	
cis-Chlordane	ND	0.020	ug/L		10/09/23 08:09	10/11/23 14:41	
beta-BHC	ND	0.030	ug/L		10/09/23 08:09	10/11/23 14:41	
delta-BHC	ND	0.020	ug/L		10/09/23 08:09	10/11/23 14:41	
Dieldrin	ND	0.020	ug/L		10/09/23 08:09	10/11/23 14:41	
Endosulfan I	ND	0.0080	ug/L		10/09/23 08:09	10/11/23 14:41	
Endosulfan II	ND	0.040	ug/L		10/09/23 08:09	10/11/23 14:41	
Endosulfan sulfate	ND	0.020	ug/L		10/09/23 08:09	10/11/23 14:41	
Endrin	ND	0.020	ug/L		10/09/23 08:09	10/11/23 14:41	
Endrin aldehyde	ND	0.20	ug/L		10/09/23 08:09	10/11/23 14:41	
Endrin ketone	ND	0.020	ug/L		10/09/23 08:09	10/11/23 14:41	
gamma-BHC (Lindane)	ND	0.0080	ug/L		10/09/23 08:09	10/11/23 14:41	
trans-Chlordane	ND	0.060	ug/L		10/09/23 08:09	10/11/23 14:41	
Heptachlor	ND	0.0080	ug/L		10/09/23 08:09	10/11/23 14:41	
Heptachlor epoxide	ND	0.040	ug/L		10/09/23 08:09	10/11/23 14:41	
Methoxychlor	ND	0.040	ug/L		10/09/23 08:09	10/11/23 14:41	
Toxaphene	ND	0.40	ug/L		10/09/23 08:09	10/11/23 14:41	

MB MB

Surrogate	%Recovery	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

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Analyte Added Result Qualifier Unit D %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 Endrosulfan sulfate 0.200 0.1595 ug/L 80 25.146 Endrin aldehyde 0.200 0.1595 ug/L	Analysis Batch: 372686							Prep Batch: 371730
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 0.1500 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 sulfate 0.200 0.1595 ug/L 89 27 - 160 Endrin 0.200 0.1571 ug/L 79 24 - 170 Endrin ketone 0.200 ND ug/L 81 32 - 153 Endrin ketone 0.200 0.1612 u		Spike	LCS	LCS				%Rec
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 0.1207 ug/L 81 24 - 157 Endosulfan I 0.200 0.1773 ug/L 89 26 - 150 Endosulfan sulfate 0.200 0.1780 ug/L 89 27 - 160 Endrin 0.200 0.1595 ug/L 80 25 - 146 Endrin ldehyde 0.200 0.1571 ug/L 79 24 - 170 Endrin ketone 0.200 0.1612 ug/L 81 32 - 154 gamma-BHC (Lindane) 0.200 0.1469<	Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
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 sulfate 0.200 0.1780 ug/L 89 27 - 160 Endrin 0.200 0.1595 ug/L 80 25 - 146 Endrin aldehyde 0.200 0.1571 ug/L 79 24 - 170 Endrin ketone 0.200 0.1612 ug/L 81 32 - 154 gamma-BHC (Lindane) 0.200 0.1469 ug/L 73 28 - 151	4,4'-DDD	0.200	0.1673		ug/L		84	27 - 162
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 sulfate 0.200 0.1780 ug/L 89 27 - 160 Endrin 0.200 0.1595 ug/L 80 25 - 146 Endrin aldehyde 0.200 0.1571 ug/L 79 24 - 170 Endrin ketone 0.200 0.1612 ug/L 81 32 - 154 gamma-BHC (Lindane) 0.200 0.1469 ug/L 73 28 - 151	4,4'-DDE	0.200	0.1402		ug/L		70	23 - 160
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 III 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	4,4'-DDT	0.200	0.1574		ug/L		79	11 - 173
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 III 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	Aldrin	0.200	0.1353		ug/L		68	31 - 135
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 III 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	alpha-BHC	0.200	0.1492		ug/L		75	28 - 147
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	cis-Chlordane	0.200	0.1492		ug/L		75	26 - 151
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	beta-BHC	0.200	0.1500		ug/L		75	26 - 151
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	delta-BHC	0.200	0.1207		ug/L		60	10 - 140
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	Dieldrin	0.200	0.1616		ug/L		81	24 - 157
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	Endosulfan I	0.200	0.1773		ug/L		89	26 - 150
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	Endosulfan II	0.200	0.1780		ug/L		89	27 - 160
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	Endosulfan sulfate	0.200	0.1595		ug/L		80	25 - 146
Endrin ketone 0.200 0.1612 ug/L 81 32 - 154 gamma-BHC (Lindane) 0.200 0.1469 ug/L 73 28 - 151	Endrin	0.200	0.1571		ug/L		79	24 - 170
gamma-BHC (Lindane) 0.200 0.1469 ug/L 73 28 - 151	Endrin aldehyde	0.200	ND		ug/L		54	23 - 153
	Endrin ketone	0.200	0.1612		ug/L		81	32 - 154
trans-Chlordane 0.200 0.1586 ug/L 79 22 - 159	gamma-BHC (Lindane)	0.200	0.1469		ug/L		73	28 - 151
· · · · · · · · · · · · · · · · · · ·	trans-Chlordane	0.200	0.1586		ug/L		79	22 - 159

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Job ID: 570-155379-1

Client: PlaceWorks, Inc.

Project/Site: SCUS-08.0

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

Lab Sample ID: LCS 570-371730/2-A

Lab Sample ID: LCSD 570-371730/3-A

Matrix: Water

Analysis Batch: 372686

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 371730

	Бріке	LCS	LCS			%Rec
Analyte	Added	Result	Qualifier Un	t D	%Rec	Limits
Heptachlor	0.200	0.1468	ug/		73	26 - 145
Heptachlor epoxide	0.200	0.1563	ug/	L	78	26 - 157
Methoxychlor	0.200	0.1711	ug/	L	86	31 - 155

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene (Surr)	85		49 - 132
DCB Decachlorobiphenyl (Surr)	93		10 - 142

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

75

66

77

73

76

74

76

78

24 - 170

23 - 153

32 - 154

28 - 151

22 - 159

26 - 145

26 - 157

31 - 155

Prep Batch: 371730

%Rec **RPD** RPD Limit

5

20

3

10

40

25

27

26

30

26

30

26

Matrix: Water Analysis Batch: 372686

Spike LCSD LCSD Analyte Added Result Qualifier Unit D %Rec Limits 4,4'-DDD 0.200 0.1386 27 - 162 ug/L 69 19 30 4,4'-DDE 0.200 65 28 0.1291 ug/L 23 - 160 8 4,4'-DDT 0.200 0.1490 ug/L 75 11 - 173 5 40 Aldrin 0.200 65 31 - 135 26 0.1294 ug/L 0.1480 26 alpha-BHC 0.200 74 28 - 147 ug/L cis-Chlordane 0.200 0.1459 ug/L 73 26 - 151 29 beta-BHC 0.200 0.1417 71 26 - 151 26 ug/L 6 delta-BHC 0.200 0.1182 ug/L 59 10 - 140 36 Dieldrin 0.200 0.1535 77 24 - 157 27 ug/L 5 Endosulfan I 0.200 0.1706 ug/L 85 26 - 150 25 Endosulfan II 0.200 80 27 - 160 27 0.1609 ug/L 10 76 27 Endosulfan sulfate 0.200 0.1510 ug/L 25 - 146 5

0.1499

0.1541

0.1457

0.1512

0.1479

0.1522

0.1550

ND

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

0.200

0.200

0.200

0.200

0.200

0.200

0.200

0.200

LCSD LCSD

Surrogate	%Recovery	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

Endrin

Endrin aldehyde

trans-Chlordane

Heptachlor epoxide

Heptachlor

Methoxychlor

gamma-BHC (Lindane)

Endrin ketone

Analysis Batch: 373600

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 371815

	MB	MB						
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 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

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Client: PlaceWorks, Inc. Job ID: 570-155379-1

Project/Site: SCUS-08.0

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

Lab Sample ID: MB 570-371815/1-A **Client Sample ID: Method Blank Prep Type: Total/NA Matrix: Solid Prep Batch: 371815 Analysis Batch: 373600**

Allalysis Datell. 373000							riep batch.	37 10 13
	MB I	MB						
Analyte	Result (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
	MB I	МВ						

	1112					
Surrogate	%Recovery	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							Prep Type: Total/NA Prep Batch: 371815
	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%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

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Client Sample ID: Lab Control Sample

Client: PlaceWorks, Inc. Job ID: 570-155379-1 Project/Site: SCUS-08.0

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

LCS LCS %Recovery Qualifier Surrogate

Tetrachloro-m-xylene (Surr) 87 38 - 148 DCB Decachlorobiphenyl (Surr) 88 37 - 151

Lab Sample ID: LCSD 570-371815/3-A Client Sample ID: Lab Control Sample Dup

Limits

Matrix: Solid

Analysis Patch: 272600

Prep Type: Total/NA

8

Analysis Batch: 373600							Prep Ba	itch: 37	71815
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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
· · · · · · · · · · · · · · · · · · ·									

LCSD LCSD

%Recovery Qualifier Limits Surrogate 38 - 148 Tetrachloro-m-xylene (Surr) 74 DCB Decachlorobiphenyl (Surr) 69 37 - 151

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

Lab Sample ID: MB 570-370918/1-A **Client Sample ID: Method Blank**

Matrix: Solid Prep Type: Total/NA Analysis Batch: 371827 Prep Batch: 370918 MB MB

	IVID I	MD							
Analyte	Result (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	

Job ID: 570-155379-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

MB MB Qualifier Limits Prepared Dil Fac Surrogate %Recovery Analyzed DCB Decachlorobiphenyl (Surr) 61 20 - 120 10/05/23 15:12 10/09/23 13:48 Tetrachloro-m-xylene (Surr) 62 25 - 120 10/05/23 15:12 10/09/23 13:48

Lab Sample ID: LCS 570-370918/6-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 372202

Prep Type: Total/NA

Prep Batch: 370918

LCS LCS %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits PCB-1016 100 82.17 ug/Kg 82 53 - 133 PCB-1260 100 73.41 ug/Kg 73 39 - 140

LCS LCS

Surrogate %Recovery Qualifier Limits 20 - 120 DCB Decachlorobiphenyl (Surr) 67 Tetrachloro-m-xylene (Surr) 63 25 - 120

Lab Sample ID: LCSD 570-370918/7-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 371827

Prep Type: Total/NA

Prep Batch: 370918

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier D %Rec Limits **RPD** Limit Analyte Unit PCB-1016 100 63.02 63 53 - 133 32 ug/Kg 26 PCB-1260 100 49.05 J 49 ug/Kg 39 - 140 40 40

LCSD LCSD

Surrogate %Recovery Qualifier Limits 20 - 120 DCB Decachlorobiphenyl (Surr) 47 25 - 120 Tetrachloro-m-xylene (Surr) 63

Client Sample ID: Method Blank Lab Sample ID: MB 570-371730/1-A

Matrix: Water

Analysis Batch: 372208

Prep Type: Total/NA

Prep Batch: 371730

MB MB Analyte Result 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 PCB-1221 ND 0.40 ug/L 10/09/23 08:09 10/10/23 10:50 PCB-1232 ND 0.40 ug/L 10/09/23 08:09 10/10/23 10:50 PCB-1242 ND 0.40 ug/L 10/09/23 08:09 10/10/23 10:50 ND PCB-1248 0.40 10/09/23 08:09 10/10/23 10:50 ug/L PCB-1254 10/09/23 08:09 10/10/23 10:50 ND 0.40 ug/L 10/09/23 08:09 10/10/23 10:50 PCB-1260 ND 0.40 ug/L

MB MB

Surrogate	%Recovery 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-xvlene (Surr)	68	20 - 144	10/09/23 08:09	10/10/23 10:50	1

Client: PlaceWorks, Inc. Job ID: 570-155379-1

Project/Site: SCUS-08.0 Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 570-371730/4-A **Client Sample ID: Lab Control Sample**

Matrix: Water

Prep Type: Total/NA **Analysis Batch: 372208 Prep Batch: 371730**

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
PCB-1016	0.800	0.6522		ug/L		82	20 - 165	
PCB-1260	0.800	0.7655		ug/L		96	42 - 148	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	87		20 - 122
Tetrachloro-m-xylene (Surr)	85		20 - 144

Lab Sample ID: LCSD 570-371730/5-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Water

Prep Type: Total/NA **Analysis Batch: 372208 Prep Batch: 371730**

	Эр ік	е гсэр	LC2D			%Rec		RPD
Analyte	Adde	d Result	Qualifier l	Unit D	%Rec	Limits	RPD	Limit
PCB-1016	0.80	0.5290	ī	ug/L	66	20 - 165	21	30
PCB-1260	0.80	0.5885	ι	ug/L	74	42 - 148	26	30

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	72		20 - 122
Tetrachloro-m-xylene (Surr)	68		20 - 144

Method: 6010B - Metals (ICP)

Client Sample ID: Method Blank Lab Sample ID: MB 570-373328/1-A ^5 **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 373572

Arsenic

	MB	MR					
Analyte	Result	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 **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 373572

Spike LCS LCS %Rec Analyte Added Limits Result Qualifier Unit D %Rec 50.0 80 - 120 Lead 51.98 mg/Kg 104 Arsenic 50.0 51.15 mg/Kg 102 80 - 120

Lab Sample ID: LCSD 570-373328/3-A ^5		Client Sample ID: Lab Control Sample Dup							
Matrix: Solid							Prep Ty	pe: Tot	al/NA
Analysis Batch: 373572							Prep B	atch: 37	73328
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Lead	49.3	51.42		mg/Kg		104	80 - 120	1	20

50.46

49.3

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20

102

80 - 120

mg/Kg

Prep Batch: 373328

Prep Batch: 373328

Client: PlaceWorks, Inc. Job ID: 570-155379-1

Project/Site: SCUS-08.0

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-155379-25 MS Client Sample ID: B-56 @ 0.5'

Matrix: Solid

Analysis Batch: 373572

Prep Type: Total/NA Prep Batch: 373328

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier %Rec Limits Analyte Unit 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 Client Sample ID: B-56 @ 0.5'

Matrix: Solid

Analyte

Arsenic

Lead

Analysis Batch: 373572

Analysis Batch: 372712

Prep Type: Total/NA

Prep Batch: 373328 Spike MSD MSD %Rec **RPD** Sample Sample Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit 424.4 4 367 49.8 mg/Kg 115 75 - 125 5 20 6.50 75 - 125 49.8 51.16 mg/Kg 90 3 20

Lab Sample ID: MB 570-372493/1-A Client Sample ID: Method Blank **Matrix: Water Prep Type: Total Recoverable**

Prep Batch: 372493

MB MB Result Qualifier RL Unit D Dil Fac Analyte Prepared Analyzed Lead ND 0.0500 mg/L 10/11/23 06:30 10/11/23 13:25 ND 0.100 10/11/23 06:30 10/11/23 13:25 Arsenic mg/L

Lab Sample ID: LCS 570-372493/2-A Client Sample ID: Lab Control Sample **Matrix: Water**

Analysis Batch: 372712

Prep Type: Total Recoverable Prep Batch: 372493

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Lead 0.500 0.5185 80 - 120 mg/L 104 0.500 80 - 120 Arsenic 0.5136 mg/L 103

Lab Sample ID: LCSD 570-372493/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Total Recoverable**

Matrix: Water

Analysis Batch: 372712

Prep Batch: 372493 Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit 0.500 Lead 0.5074 mg/L 101 80 - 120 2 20 0.500 0.5149 103 80 - 120 0 Arsenic mg/L 20

Client: PlaceWorks, Inc. Job ID: 570-155379-1 Project/Site: SCUS-08.0

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 570-155379-57	Client Sample ID EB 10.04.23	Prep Type Total/NA	Matrix Water	Method 3510C	Prep Batch
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

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Client: PlaceWorks, Inc. Job ID: 570-155379-1

Project/Site: SCUS-08.0

GC Semi VOA (Continued)

Analysis	Batch:	372208	(Continued))
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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 570-155379-57	Client Sample ID EB 10.04.23	Prep Type Total Recoverable	Matrix Water	Method 3005A	Prep Batch
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

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Client: PlaceWorks, Inc. Job ID: 570-155379-1 Project/Site: SCUS-08.0

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	

Client: PlaceWorks, Inc.

Job ID: 570-155379-1

Project/Site: SCUS-08.0

Organic Prep (Continued)

Analysis Batch: 371457 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
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	

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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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 570-155379-3 **Matrix: Solid**

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumen	t 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**

Lab Sample ID: 570-155379-6

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumen	t ID: NOEQUIP								

Client Sample ID: B-46 @ 0.5'

Date Collected: 10/04/23 07:35

Lab Sample ID: 570-155379-5 **Matrix: Solid** Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument	HID: NOFOLIIP								

Client Sample ID: B-46 @ 2.5'

Date Collected: 10/04/23 07:35

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumer	nt ID: NOEQUIP								

10

Job ID: 570-155379-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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**

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
	Instrumen	t 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

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Method Amount Amount Number or Analyzed Analyst Type Run Factor Lab Analysis 10/07/23 05:57 UQTR Total/NA 371457 Composite 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumer	nt 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**

	Batch	Batch	_	Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumer	t ID: NOEQUIP								

Client Sample ID: B-50 @ 0.5'

Date Collected: 10/04/23 12:05

Lab Sample ID: 570-155379-13

Matrix: Solid

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumen	t 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumen	t ID: NOEQUIP								

Date Received: 10/05/23 09:40

Client Sample ID: B-52 @ 0.5'	Lab Sample ID: 570-155379-17
Date Collected: 10/04/23 11:55	Matrix: Solid
Data Data 1 and 40/05/00 00 40	

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrument	HID: NOFOLIIP								

Client Sample ID: B-52 @ 2.5'

Date Collected: 10/04/23 11:55

Total/NA

Date Received: 10/05/23 09:40

Lab Sample	ID:	570-155379-18
		Matrix: Solid

10/07/23 05:57 UQTR

371457

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab

> Analysis Composite Instrument ID: NOEQUIP

> > **Eurofins Calscience**

EET CAL 4

10

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Lab Sample ID: 570-155379-19

Matrix: Solid

Job ID: 570-155379-1

Client Sample ID: B-53 @ 0.5' Date Collected: 10/04/23 11:50

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumen	t ID: NOFOLIIP								

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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'

Date Collected: 10/04/23 08:00 Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-21

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumen	t ID: NOEQUIP								

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

Lab Sample ID: 570-155379-23

Lab Sample ID: 570-155379-24

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch	_	Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumer	nt ID: NOEQUIP								

Client Sample ID: B-55 @ 0.5'

Date Collected: 10/04/23 10:05

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: ICP11								
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4

Client Sample ID: B-55 @ 2.5'

Instrument ID: NOEQUIP

Date Collected: 10/04/23 10:05

Date Receive	d: 10/05/23 0	9:40								
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumer	AT ID: NOFOLIIP								

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Job ID: 570-155379-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Client Sample ID: B-56 @ 0.5'

Date Collected: 10/04/23 10:30

Lab Sample ID: 570-155379-25

Matrix: Solid

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B nt ID: ICP11		5			373572	10/13/23 13:25	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite nt ID: NOEQUIP		1			371457	10/07/23 05:57	UQTR	EET CAL 4

Client Sample ID: B-56 @ 2.5' Lab Sample ID: 570-155379-26

Date Collected: 10/04/23 10:30 Date Received: 10/05/23 09:40

Matrix: Solid

Matrix: Solid

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Method Number or Analyzed **Prep Type** Type **Factor Amount** Amount Run Analyst Lab 10/07/23 05:57 UQTR Total/NA 371457 EET CAL 4 Analysis Composite Instrument ID: NOEQUIP

Client Sample ID: B-57 @ 0.5' Lab Sample ID: 570-155379-27

Date Collected: 10/04/23 10:25 Matrix: Solid

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B at ID: ICP11		5			373572	10/13/23 13:37	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4

Client Sample ID: B-57 @ 2.5' Lab Sample ID: 570-155379-28

Date Collected: 10/04/23 10:25 Date Received: 10/05/23 09:40

Batch Dil Initial Final Batch Batch Prepared Method Number or Analyzed **Prep Type** Type Run **Factor Amount Amount** Analyst Lab Total/NA Analysis Composite 371457 10/07/23 05:57 UQTR EET CAL 4

Client Sample ID: B-58 @ 0.5' Lab Sample ID: 570-155379-29

Date Collected: 10/04/23 10:20

Instrument ID: NOEQUIP

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumen	6010B t ID: ICP11		5			373572	10/13/23 13:40	VZ0K	EET CAL 4
Total/NA	Analysis Instrumen	Composite t ID: NOEQUIP		1			371457	10/07/23 05:57	UQTR	EET CAL 4

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 570-155379-32

Lab Sample ID: 570-155379-33

Lab Sample ID: 570-155379-34

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumen	6010B at ID: ICP11		5			373572	10/13/23 13:42	VZ0K	EET CAL 4
Total/NA	Analysis Instrumen	Composite at ID: NOEQUIP		1			371457	10/07/23 05:57	UQTR	EET CAL 4

Client Sample ID: B-59 @ 2.5'

Date Collected: 10/04/23 10:15

Date Received: 10/05/23 09:40

_										
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4

Client Sample ID: B-60 @ 0.5'

Instrument ID: NOEQUIP

Date Collected: 10/04/23 10:10

Date Received: 10/05/23 09:40

Prep Type Total/NA Total/NA	Batch Type Prep Analysis	Batch Method 3050B 6010B	Run	Dil Factor	Amount 2.04 g	Final Amount 50 mL	Batch Number 373328 373572	Prepared or Analyzed 10/13/23 05:39 10/13/23 13:44	Analyst GYR8 VZ0K	Lab EET CAL 4 EET CAL 4
	Instrumer	t ID: ICP11								
Total/NA	Analysis Instrumer	Composite at ID: NOEQUIP		1			371457	10/07/23 05:57	UQTR	EET CAL 4

Client Sample ID: B-60 @ 2.5'

Date Collected: 10/04/23 10:10

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4
	Instrumen	t ID: NOFQUIP								

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	W8MO	EET CAL 4
	Instrumer	nt 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 Total/NA Total/NA	Batch Type Prep Analysis Instrumen	Batch Method 3050B 6010B t ID: ICP11	Run	Dil Factor	Initial Amount 2.03 g	Final Amount 50 mL	Batch Number 373328 373572	Prepared or Analyzed 10/13/23 05:39 10/13/23 13:47	Analyst GYR8 VZ0K	EET CAL 4
Total/NA	Analysis Instrumen	Composite t ID: NOEQUIP		1			371457	10/07/23 05:57	UQTR	EET CAL 4

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

Dil Initial Batch Batch **Batch** Final Prepared **Prep Type** Type Method Run **Factor Amount** Amount Number or Analyzed Analyst Lab EET CAL 4 Total/NA Prep 3050B 373328 10/13/23 05:39 GYR8 1.99 g 50 mL Total/NA Analysis 6010B 5 373572 10/13/23 13:54 VZ0K EET CAL 4 Instrument ID: ICP11 Total/NA Analysis Composite 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B at ID: ICP11		5			373572	10/13/23 13:56	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371457	10/07/23 05:57	UQTR	EET CAL 4

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

	Batch	Batch	_	Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: ICP11								

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

		Batch	Batch		Dil	Initial	Final	Batch	Prepared		
	Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Į	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B nt ID: ICP11		5			373572	10/13/23 14:01	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite nt ID: NOEQUIP		1			371457	10/07/23 06:05	UQTR	EET CAL 4

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: ICP11								
Total/NA	Analysis	Composite		1			371457	10/07/23 06:05	UQTR	EET CAL 4
	Instrumer	nt 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Instrumen	6010B at ID: ICP11		5			373572	10/13/23 14:06	VZ0K	EET CAL 4
Total/NA	Analysis Instrumen	Composite at ID: NOEQUIP		1			371457	10/07/23 06:05	UQTR	EET CAL 4

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
								10/13/23 05:39		EET CAL 4
Total/NA	Prep	3050B			2.01 g	50 mL	373328	10/13/23 05:39	GIRO	EET CAL 4
Total/NA	Analysis	6010B		5			373572	10/13/23 14:08	VZ0K	EET CAL 4
	Instrumer	t ID: ICP11								
Total/NA	Analysis	Composite		1			371457	10/07/23 06:05	UQTR	EET CAL 4
	Instrumer	t ID: NOEQUIP								

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B nt ID: ICP11		5			373572	10/13/23 14:11	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite nt ID: NOEQUIP		1			371457	10/07/23 06:05	UQTR	EET CAL 4

Date Collected: 10/04/23 09:05

Client Sample ID: A-8 @ 0.5'

Date Received: 10/05/23 09:40

Lab Sample ID: 570-155379-55

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B nt ID: ICP11		5			373572	10/13/23 14:14	VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite nt ID: NOEQUIP		1			371457	10/07/23 06:05	UQTR	EET CAL 4

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumen	nt 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	W8MO	EET CAL 4
	Instrumen	nt 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
	Instrumen	nt ID: ICP11								

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

Client Sample ID: B-46, B-47, B-48 @ 2.5' Composite

Date Collected: 10/04/23 00:00

Lab Sample ID: 570-155379-61

Lab Sample ID: 570-155379-62

Lab Sample ID: 570-155379-63

Matrix: Solid

Matrix: Solid

Matrix: Solid

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

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

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
	Instrumer	nt ID: GC52A								

Eurofins Calscience

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Client Sample ID: B-52, B-53, B-54 @ 0.5' Composite

Date Collected: 10/04/23 00:00

Lab Sample ID: 570-155379-64 **Matrix: Solid**

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	t ID: GC52A								

Client Sample ID: B-52, B-53, B-54 @ 2.5' Composite

Lab Sample ID: 570-155379-65

Matrix: Solid

Date Collected: 10/04/23 00:00 Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

Client Sample ID: B-55, B-56, B-57 @ 0.5' Composite

Lab Sample ID: 570-155379-66

Matrix: Solid

Matrix: Solid

Date Collected: 10/04/23 00:00 Date Received: 10/05/23 09:40

Initial Batch Batch Dil Final Batch Prepared **Prep Type** Type Method Run **Factor** Amount Amount Number or Analyzed Analyst Total/NA Prep 3546 20.05 g 10 mL 371815 10/09/23 11:06 E5RH **EET CAL 4** Total/NA Analysis 8081A 1 mL 373600 10/14/23 00:58 N5Y3 EET CAL 4 1 1 mL

Client Sample ID: B-55, B-56, B-57 @ 2.5' Composite

Instrument ID: GC52A

Lab Sample ID: 570-155379-67

Date Collected: 10/04/23 00:00

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

Client Sample ID: B-58, B-59, B-60 @ 0.5' Composite

Lab Sample ID: 570-155379-68

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			20.16 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
	Instrumer	nt ID: GC52A								

Eurofins Calscience

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Client Sample ID: B-58, B-59, B-60 @ 2.5' Composite

Date Collected: 10/04/23 00:00

Lab Sample ID: 570-155379-69 Matrix: Solid

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt 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

Analysis

Batch Dil Initial **Batch** Final **Batch** Prepared Method Number **Prep Type** Type Run **Factor** Amount Amount or Analyzed Analyst Lab

20.40 g

1 mL

Instrument ID: GC52A

3546

8081A

Lab Sample ID: 570-155379-71

10/09/23 11:06 E5RH

10/14/23 01:56 N5Y3

371815

373600

10 mL

1 mL

Client Sample ID: A-1 DUP, A-6 DUP @ 0.5' Composite

Matrix: Solid

Matrix: Solid

EET CAL 4

EET CAL 4

EET CAL 4

Date Collected: 10/04/23 00:00 Date Received: 10/05/23 09:40

Total/NA

Total/NA

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Type Method Run **Factor** Amount Amount Number 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 mL 373600 10/14/23 02:10 N5Y3 EET CAL 4 1 mL 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

Client Sample ID: A-4, A-5 @ 0.5' Composite

Lab Sample ID: 570-155379-73

10/14/23 02:39 N5Y3

Date Collected: 10/04/23 00:00 Date Received: 10/05/23 09:40

Total/NA

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed Analyst Lab Total/NA 371815 Prep 3546 20.20 g 10 mL 10/09/23 11:06 E5RH EET CAL 4

1 mL

1 mL

373600

Instrument ID: GC52A

8081A

Analysis

Eurofins Calscience

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 Date Received: 10/05/23 09:40 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	t ID: GC52A								

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

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Accreditation/Certification Summary

Client: PlaceWorks, Inc. Job ID: 570-155379-1

trans-Chlordane

Composited

Project/Site: SCUS-08.0

8081A

Composite

Laboratory: Eurofins Calscience

3546

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progr	ram	Identification Number	Expiration Date
California	State		3082	07-31-24
0 ,	s are included in this repo		not certified by the governing authori	ty. This list may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8081A	3510C	Water	cis-Chlordane	
8081A	3510C	Water	trans-Chlordane	
8081A	3546	Solid	cis-Chlordane	

Solid

Solid

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Method Summary

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Method **Method Description** Protocol Laboratory 8081A SW846 EET CAL 4 Organochlorine Pesticides (GC) Polychlorinated Biphenyls (PCBs) by Gas Chromatography 8082 SW846 EET CAL 4 6010B SW846 EET CAL 4 Metals (ICP) Composite Sample Compositing None EET CAL 4 3005A Preparation, Total Recoverable or Dissolved Metals SW846 EET CAL 4 3050B SW846 Preparation, Metals EET CAL 4 3510C Liquid-Liquid Extraction (Separatory Funnel) SW846 EET CAL 4

Protocol References:

Microwave Extraction

None = None

3546

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

Job ID: 570-155379-1

EET CAL 4

SW846

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14

Job ID: 570-155379-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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		10/05/23 09:40
570-155379-8	B-47 @ 2.5'	Solid		10/05/23 09:40
570-155379-9	B-48 @ 0.5'	Solid		10/05/23 09:40
570-155379-10	B-48 @ 2.5'	Solid		10/05/23 09:40
570-155379-11	B-49 @ 0.5'	Solid		10/05/23 09:40
570-155379-12	B-49 @ 2.5'	Solid		10/05/23 09:40
570-155379-13	B-50 @ 0.5'	Solid		10/05/23 09:40
570-155379-14	B-50 @ 2.5'	Solid		10/05/23 09:40
570-155379-15	B-51 @ 0.5'	Solid		10/05/23 09:40
570-155379-16	B-51 @ 2.5'	Solid		10/05/23 09:40
570-155379-17	B-52 @ 0.5'	Solid		10/05/23 09:40
570-155379-18	B-52 @ 2.5'	Solid		10/05/23 09:40
570-155379-19	B-53 @ 0.5'	Solid		10/05/23 09:40
570-155379-20	B-53 @ 2.5'	Solid		10/05/23 09:40
570-155379-21	B-54 @ 0.5'	Solid		10/05/23 09:40
570-155379-21	B-54 @ 2.5'	Solid		10/05/23 09:40
570-155379-22	B-55 @ 0.5'	Solid		10/05/23 09:40
570-155379-24	B-55 @ 2.5'	Solid		10/05/23 09:40
	.			
570-155379-25	B-56 @ 0.5'	Solid		10/05/23 09:40 10/05/23 09:40
570-155379-26	B-56 @ 2.5'	Solid		
570-155379-27	B-57 @ 0.5'	Solid		10/05/23 09:40
570-155379-28	B-57 @ 2.5'	Solid		10/05/23 09:40
570-155379-29	B-58 @ 0.5'	Solid		10/05/23 09:40
570-155379-30	B-58 @ 2.5'	Solid		10/05/23 09:40
570-155379-31	B-59 @ 0.5'	Solid		10/05/23 09:40
570-155379-32	B-59 @ 2.5'	Solid		10/05/23 09:40
570-155379-33	B-60 @ 0.5'	Solid		10/05/23 09:40
570-155379-34	B-60 @ 2.5'	Solid		10/05/23 09:40
570-155379-35	T-2 @ 0.5'	Solid		10/05/23 09:40
570-155379-37	A-1 @ 0.5'	Solid		10/05/23 09:40
570-155379-39	A-1 DUP @ 0.5'	Solid		10/05/23 09:40
570-155379-41	A-6 @ 0.5'	Solid		10/05/23 09:40
570-155379-43	A-6 DUP @ 0.5'	Solid		10/05/23 09:40
570-155379-45	A-2 @ 0.5'	Solid		10/05/23 09:40
570-155379-47	A-3 @ 0.5'	Solid		10/05/23 09:40
570-155379-49	A-4 @ 0.5'	Solid		10/05/23 09:40
570-155379-51	A-5 @ 0.5'	Solid	10/04/23 09:10	
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	
570-155379-57	EB 10.04.23	Water		10/05/23 09:40
570-155379-58	B-44, B-45 @ 0.5' Composite	Solid		10/05/23 09:40
570-155379-59	B-44, B-45 @ 2.5' Composite	Solid		10/05/23 09:40
570-155379-60	B-46, B-47, B-48 @ 0.5' Composite	Solid		10/05/23 09:40
570-155379-61	B-46, B-47, B-48 @ 2.5' Composite	Solid		10/05/23 09:40
570-155379-62	B-49, B-50, B-51 @ 0.5' Composite	Solid		10/05/23 09:40
570-155379-63	B-49, B-50, B-51 @ 2.5' Composite	Solid		10/05/23 09:40
570-155379-64	B-52, B-53, B-54 @ 0.5' Composite	Solid		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

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Phone (714) 895-5494	Sampler: Miles B	arker		Lab							C	amier Tra	cking N	D(S):		COC No:	
Client Information Client Contact:	Phone: (909) 579	0181		Tho E-Ma	mpson	, Lori					-	tate of Or	iolo:			Page:	
Mike Watson	Pilone. (909) 578	-8101			 Thom	oson(@et.e	urofin	sus.c	om	ľ	ate of O	giit.			rage.	
Company: PlaceWorks, Inc.			PWSID:						Δnal	veie I	Regu	ested				Job#:	
Address:	Due Date Reque	sted:	<u>. </u>		M			Τ΄	T	J 3.3	1000					Preservation Cod	
2850 Inland Empire Blvd Ste B	TAT Requested	(daya):			3 8											A - HCL	M - Hexane N - None
Jty: Ontario	1X1 Requested	(uays). ~10 da	75 3 D	ATS			1									B - NaOH C - Zn Acetate	O - AsNaO2 P - Na2O4S
State, Zip:	Compliance Pro			-	6 8										3	D - Nitric Acid E - NaHSO4	Q - Na2SO3
CA, 91764 Phone:	PO#:	ect. A res	A 140						1						133	F - MeOH	R - Na2S2O3 S - H2SO4
909-579-9161(Tel)	SCUS-08.0				9											G - Amchlor H - Ascorbic Acid	T - TSP Dodecahydrate U - Acetone
Email: mwatson@placeworks.com	WO #:				N I	1								1 1		I - Ice J - DI Water	V - MCAA
Project Name:	Project #:				-											K - EDTA	W - pH 4-5 Y - Trizma
SCUS-08.0					8 0										E	L - EDA	Z - other (specify)
Site: Oak Ridge Elementary School	SSOW#:				Sam			١.	_						0 0	Other:	
				Matrix	Page Mars				Lead						per		
			Sample Type	(W=water,	Filtere	8081A	82	60108	90109						E		
		Sample	(C=comp,	S=solid, O=waste/oil,		8	EPA 8082	A 60	8						3		
Sample Identification	Sample Date	Time		BT=Tissue, A=Air		EPA	ů.	EPA C	1							Special In	structions/Note:
		3		ation Code:	H				4				525	1 2 2 2		C = Composite Sa	mole
B-44 @ 0.5	10/4	7:45	G	Solid	Ш	С				\perp				\perp			
B-44 @ 2.5'	1	7:45	G	Solid	Ш	С											ple; - Sample will be ble future analysis
B-45 @ 0.5'		7:46	G	Solid	П	С										DUP = Duplicate	
B-45 @ 2.5'		7:40	G	Solid	+	С	\vdash	-	+-		-	+-		++		EB = Equipment E	Blank
		-			₩	+	\vdash	-	+-	+	-	+	-	+			
B-46 @ 0 5'		7:35	G	Solid	Н.	С	\sqcup		\perp	\perp		_	_ 1	1 1			
B-46 @ 2.5'		7:35	G	Solid	Ш	C							1111	SA 41 11 51 5111	1 (141)	TERRET THE REPORT OF THE PERSON NAMED IN COLUMN 1884 IN CO.	116611 168 106
B-47 @ 0.5'		7:36	G	Solid	П	С											
B-47 @ 2.5'		7:50	G	Solid	\sqcap	С				\top			- 111	mu II			
					H			_	+	+	-	+	-				
B-48 @ 0.5'		7:26	G	Solid	₩	С		_	+	\perp	_		- [0.455	270.0	hain of Custo	dv
B-48 @ 2.5'		7:20	G	Solid		С							_5/	0-155	3/3 0	Tially or odelo	
B-49 @ 0.5'	V	1216	G	Solid	Ш	С									1		
Possible Hazard Identification	<u>`</u>	11			Sa	mple	Disp	osal	(A fe	e may	/ be as	sesse	d if sai	mples a	re reta	ined longer than	1 month)
Non-Hazard Flammable Skin Irritant	Poison B Uni	nown F	Radiological			Ц,	Return	To C	lient	[_{Di}	isposal	By Lat	, _	☐ Ar	chive For	Months
Deliverable Requested: I, II, III, IV, Other (specify)					Sp	ecial	Instru	uctions	s/QG	Requi	remen	ts:					
Empty Kit Relinquished by:		Date:			Time:		1	1	7	0		Meth	od of Sh	ipment:			
Relinquished by:	Date/Time:	1 12		Company		Rec	eived	YA.	D				Da	te/Time:	Tan	2 121	Company
Relinquished by: Relinquished by:	000000000	4 13:		PLACE	سلام	S	eived b	W.	Y				100	10 / 4	123	1315	Company
Kelinquished by:	Date/Time:	23 (6)	75	Company	_ (Rece	EIABCI D	10	~				Di.	10/	5/3	23 094	23,00
Relinquished by:	Date/Time:			Company	_	Bac	eived-b						Ds	ate/Time:	-/-		Company

Solid

Solid

Solid

Solid

Company Received

11:50

11:50

8100

8.00

Unknown

1014 13:15

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Return To Client

Special Instructions/QC Requirements:

Cooler Temperature(s) °C and Other Remarks:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Method of Shipment

lu Date/Tin

Disposal By Lab

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B-53 @ 0.5

B-54 @ 0.5'

B-54 @ 2.5'

Relinquished by:

Possible Hazard Identification

Empty Kit Relinquished by:

Custody Seals Intact:

Δ Yes Δ No

Non-Hazard Flammable

Deliverable Requested: I, II, III, IV, Other (specify)

Custody Seal No .:

2.0 B-53 @ 2.5

Page 63 of 70

Phone (714) 895-5494	Sampler: Miles Bar	ker		Lab							Carrier	Trackin	g No(s):		COC No:	
Client Information Client Contact:	Phone: (909) 579-9	9161		E-Ma	mpson	, Lon				-	State of	Origin:			Page:	
Mike Watson				Lori	.Thom	oson@	et.eur	ofinsu	us.com	1						
Company: PlaceWorks, Inc.			PWSID:					Δ	nalve	is Re	quest	he			Job #:	
Address:	Due Date Request	ted:	L					T		10 110		<u> </u>	TT		Preservation Cod	
2850 Inland Empire Blvd Ste B City:	TAT Requested (d	lava).					4								A - HCL	M - Hexane N - None
Ontario	IAI Kequested (d	10 da	ys 30.	ATT		ш	-								B - NaOH C - Zn Acetate	O - AsNaO2 P - Na2O4S
State, Zip: CA, 91764	Compliance Proje					ш									D - Nitric Acid E - NaHSQ4	Q - Na2SO3
Phone:	PO#:	Ct. A res	2 140			H									F - MeOH G - Amchlor	R - Na2S2O3 S - H2SO4
909-579-9161(Tel)	SCUS-08.0				9							İ			H - Ascorbic Acid	T - TSP Dodecahy U - Acetone
Email: mwatson@placeworks.com	WO#:				on I			1							I - Ice J - DI Water	V - MCAA
Project Name:	Project #:														K - EDTA L - EDA	W - pH 4-5 Y - Trizma
SCUS-08.0					1				П			-				Z - other (specify)
Site: Oak Ridge Elementary School	ssow#:				Sam			_						200	other:	
			Sample	Matrix	Bun			Lead	1 1					har	5	
			Type	(Wewster,	0 2	EPA 8081A	8082 6010B	EPA 6010B						N N		
		Sample	(C=comp,	S=solid, O=waste/oil,		8	EPA 80	₩ e						Total	5	
Sample Identification	Sample Date	Time		BT=Tissue, A=Air	T E	<u></u>	a b	1 20						1	Special In:	structions/Note
				ation Code:				50							C = Composite Sa	mole
B-55 @ 0.5'	10/4	10405	G	Solid		C		X								•
B-55 @ 2.5'	,	10105	G	Solid	Ш	c			1 1						D = Discrete Samp archived for possib	
B-56 @ 0.5'		10130	G	Solid	\sqcap	С		X							DUP = Duplicate	
B-56 @ 2.5'			G	Solid	┼┼╴	С	\dashv	+	+-			_			EB = Equipment B	llank
		(U.30	G	Joliu	-	+	_	+	\vdash	_	\vdash	-				
B-57 @ 0.5'		10,25	G	Solid		С		X								
B-57 @ 2.5'		10:25	G	Solid	Ш	С										
B-58 @ 0.5'		15:76	G	Solid	\top	С		X				\top				
					+	+	-	-	+			+				
B-58 @ 2.5'		14:20	G	Solid	ш	С	\perp	\perp	\sqcup	_	\perp		\vdash			
B-59 @ 0.5'		10:15	G	Solid		C		X								
B-59 @ 2.5'		10:15	G	Solid	П	С										
B-60 @ 0.5'	4/	14:10	G	Solid	++-	С		×					\vdash			
Possible Hazard Identification		10:10		00114	e.		Dieno			may be	36606	sad if	samoles	300.00	tained longer than	1 month)
Non-Hazard Flammable Skin I	rritant Poison B Unkni		Radiological		130	\Box	eturn Ti				Dispos				Archive For	Months
Deliverable Requested: I, II, III, IV, Other (specif		OWII I	(adiological		Sr					quirem		ai by	Lau		Archive I of	Worldis
Front Wit Delineviahed by		Dete			IT:		4				lvi.	athad a	f Shipment			
Empty Kit Relinquished by:	10	Date:			Time		1		Λ		M	etnoa o	•			10
Relinquished by Bull	Date/Time:	13115		Company		Rece	ZV	U	لل	1			Date/Tim	4/2	13 (315	Company SV
Relinquished by:	Date/Time:			Company		Rece	ved by		h				Date/Ting	-/		-
Relinquished by:	Date/Time;	3/6	030	Company	2	Bass	ved by:	/	/				Date/Time	تبطية	> 0940	
tom iquanted by.	Date/time,			Company		Lece	veu by:						Jager I Im	7		Company

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Phone (714) 895-5494	Sampler: Miles Bar	ker			PM:						Carrie	Tracking	No(s):		COC No:	
Client Information Client Contact:	Phone: (909) 579-9	9161		E-M							State	of Origin:			Page:	
Mike Watson			PWSID:	Lo	i.Thon	pson(@et.e	urofin	sus.co	m	٠				Job#:	
PlaceWorks, Inc.									Analy	sis Re	eques	ted				
Address: 2850 Inland Empire Blvd Ste B	Due Date Request	ted:												444	Preservation Cod A - HCL	M - Hexane
city: Ontario	TAT Requested (d	lays): 10 de	75-3 PA			9		İ							B - NaOH C - Zn Acetate	N - None O - AsNaO2
State, Zip: CA, 91764	Compliance Proje			ري	-										D - Nitric Acid E - NaHSO4	P - Na2O4S Q - Na2SO3
Phone:	PO#:	ct. A res	40												F - MeOH G - Amchlor	R - Na2S2O3 S - H2SO4
909-579-9161(Tel) Email:	SCUS-08.0 Wo#:														H - Ascorbic Acid I - Ice	T - TSP Dodecahydrate U - Acetone
mwatson@placeworks.com Project Name:	Project #:				Yes									lere	J - DI Water K - EDTA	V - MCAA W - pH 4-5 Y - Trizma
SCUS-08.0					ole (Ì						mtair	L - EDA	Z - other (specify)
Site: Oak Ridge Elementary School	SSOW#:				Sami	2		Ι,						of co	Other:	
			Sample	Matrix	Bred	a a			Lead					Number		
		Sample	Type (C=comp,	(W=water, S=solid,	E E	EPA 8081A	EPA 8082	6010B	6010					Nur		
Sample Identification	Sample Date	Time	G=grab) s	O=waste/oil, T=Tissue, A=Ai	TOTAL -	EPA	EPA	EPA	A L					Total	Special In	structions/Note:
		42 12 1	Preservati			168			7					30	C = Composite Sa	STATE OF THE STATE
A-2 @ 0.5'	10/4	9:30	G	Solid	+	С		X :	X L	Ш	1-1		\perp			
A-2 @ 2.5'		9:30	G	Solid	\perp		Ш		_					i in all	archived for possil	ole; - Sample will be ole future analysis
4-3 @ 0.5'		9:25	G	Solid	Ш	С		x :	× L					31	DUP = Duplicate	
A-3 @ 2.5'		9:25	G	Solid											EB = Equipment E	Blank
A-4 @ 0.5'		9:15	G	Solid	П	С		x :	x					30		
A-4 @ 2.5'		9115	G	Solid	П									40		
A-5 @ 0.5'		4:10	G	Solid	П	С		x :	x					31		
A-5 @ 2.5'		9:10	G	Solid	П									18/		
A-7 @ 0.5 ¹		9100	G	Solid	П	С	П	x :	x					3		
4-7 @ 2.5 ¹		9:00	G	Solid	\top		П							128		
A-8 @ 0.5 ¹		41.05	G	Solid	\sqcap	С		x :	x			\top	$\neg \neg$	100		
Possible Hazard Identification			<u></u>		s	ample	Disp	osal	(A fee	may b	e asses	sed if sa			ined longer than	1 month)
Non-Hazard Flammable Skin II Deliverable Requested: I, II, III, IV, Other (specif		own h	Radiological		-			To C		Requirer		sal By La	b L	Ar	chive For	Months
	3 /						msuc	CHOTI	3/QC F	requirer						
Empty Kit Relinquished by:	Date/Time:	Date:	Ic	ompany	Time		ived b	-	\mathcal{A}	0		lethod of S	hipment: Date/Tighe:	7		Company
melexanoli	1074	13:15	6	النارو	سدد	22 2	X	X	<u>ل</u> إ				1014	23	1315	Company EETSMC
Relinquished by:	Date/Time:	15 16	70	ompany	,	Poce	ived b	N	A			[Pate/Time:	15/	7 094	Company
Relinquished by:	Date/Time:		Č	ompany	_	Rece	ived b	y:				Ī	ate/Time/	/		Company

Chain of Custody Record

2841 Dow Avenue, Suite 100

Tustin, CA 92780

eurofins

nvironment Testing

Phone (714) 895-5494	T															1000
Client Information	Sampler: Miles Barke				mpsor	ı, Lor	i						king No(s):		COC No:
Client Contact: Mike Watson	Phone: (909) 579-916	61		E-Mai Lori.	il: Thom	pson	@et.e	eurof	insus	.com	Stat	e of Ori	gin:			Page:
Company: PlaceWorks, Inc.			PWSID:						An	alysis F	Seque	sted				Job#:
Address: 2850 Inland Empire Blvd Ste B	Due Date Requested	d:				-,"	T									Preservation Codes:
City:	TAT Requested (day	/s):													53	A - HCL N - None B - NaOH O - AsNaO2
Ontario State, Zip:		1 0 da	70-3 OAY						- 1							C - Zn Acetate D - Nitric Acid P - Na2O4S Q - Na2SO3
CA, 91764	Compliance Project:														-	E - NaHSO4 R - Na2S2O3
Phone: 909-579-9161(Tel)	PO#: SGUS-08.0				(0)										13	G - Amchlor S - H2SO4 T - TSP Dodecahydrate U - Acetone
Email: mwatson@placeworks.com	WO #:					Ŧ										I - ICE V - MCAA
Project Name:	Project #:				71	t									9	K - EDTA Y - Trizma L - EDA Z - other (specify)
SCUS-08.0 Site: Oak Ridge Elementary School	SSOW#:				Sample ISD (Ye										Total Number of containers	Other:
			Sample N	atrix				_	3 Lead						nber	
			Type (v	=water. =solid,	Field Filtered	EPA 8081A	EPA 8082	EPA 6010B	6010B						Nur	
Sample Identification	Sample Date	Sample Time		vaste/oil, sue, A=Air)	Field	EPA	EPA	EPA	EPA						Tota	Special Instructions/Note:
			Preservation	Code:						100	4					
A-8 @ 2.5'	10/4	915	G S	Solid											l Hansai	C = Composite Sample
EB 10,04.23		2:20	8	ater		X	X	×	\times							D = Discrete Sample; - Sample will be archived for possible future analysis
EB 10.4.73	4	2:20	wi	TER		×	بر		X							DUP = Duplicate
					П										. Face was	EB = Equipment Blank
					П		П					П				
					П	1										
					Ħ		1								787	
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	 				H	+	H		H	-	+	\vdash	\dashv		P71 44	
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					╁	+						$\vdash \vdash$		-	Kin Si	
Possible Hazard Identification					Si	ampl	e Dis	posa	al (A	fee may	be ass	essea	if sam	ples are	reta	ained longer than 1 month)
Non-Hazard Flammable Skin Irritant Pois	on B Unknov	wn	Radiological		_		Retur						By Lab		Ar	rchive For Months
Deliverable Requested: I, II, III, IV, Other (specify)					Sp	pecia	l Instr	uctio	ons/Q	C Require	ements					
Empty Kit Relinquished by:		Date:			Time		-	Ω	~(AC)	Metho	d of Ship			
Relinquished by: Miles Bralles	Date/Time:	13:15	Com	ACEL	مالا	1	eined	$\mathcal U$	\sqrt{q}					Time:	11.	23 1315 GETSMC
Relinquished by:	Date/Time:	5 16		any	320		eived 1	~	为		, i			e/Time:	51	23 0940 EC
Relinquished by:	Date/Time:		Com	pany	`	Rec	eived t	by:					Date	/Time/		Company
Custody Seals Intact: Δ Yes Δ No		16				Coo	der Tei	mpera	ature(s	°C and Ot	her Rema	arks:			1.	5/1.45012
· · · · · · · · · · · · · · · · · · ·					-										,	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	С		2D (A-1, A-6)	2D (A-1, A-6)
A-1 DUP, A-6 DUP	2.5' - 3.0' 0' - 0.5'	Duplicate	C DUP		D DUP (A-1 DUP)	2D DUP (A-1 DUP, A-6 DUP)
A-2, A-3	2.5' - 3.0' 0' - 0.5'	Former Agriculture	C		2D (A-2, A-3)	2D (A-2, A-3)
A-4, A-5	2.5' - 3.0' 0' - 0.5'	Former Agriculture	- C		- 2D (A-4, A-5)	- 2D (A-4, A-5)
A-7, A-8	2.5' - 3.0' 0' - 0.5'	Former Agriculture	- C		- 2D (A-7, A-8)	- 2D (A-7, A-8)
B-1, B-2, B-3	2.5' - 3.0' 0' - 0.5'	Existing Building	- C	3D (B-1, B-2, B-3)	-	- 3D (B-1, B-2, B-3)
B-4, B-5, B-6	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C	- 3D (B-4, B-5, B-6)		- 3D (B-4, B-5, B-6)
B-7, B-8	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C	2D (B-7, B-8)		- 2D (B-7, B-8)
•	2.5' - 3.0' 0' - 0.5'	Predating 1978	C C DUP	2D DUP (B-7 DUP, B-8 DUP)		2D DUP (B-7 DUP, B-8 DUP)
B-7 DUP, B-8 DUP	2.5' - 3.0' 0' - 0.5'	Duplicate Existing Building	C DUP	2D (B-9, B-10)		2D (B-9, B-10)
B-9, B-10	2.5' - 3.0' 0' - 0.5'	Predating 1978	C C DUP	-		2D DUP (B-9 DUP, B-10 DUP)
B-9 DUP, B-10 DUP	2.5' - 3.0' 0' - 0.5'	Duplicate	C DUP	OD (P44 P 10 P 10)		-
B-11, B-12, B-13	2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-11, B-12, B-13)		3D (B-11, B-12, B-13) -
B-14, B-15	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	2D (B-14, B-15) -		2D (B-14, B-15) -
B-16, B-17, B-18	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	3D (B-16, B-17, B-18)		3D (B-16, B-17, B-18) -
B-19, B-20, B-21	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	D (B-19)		3D (B-19, B-20, B-21)
B-22, B-23, B-24	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-22, B-23, B-24)		3D (B-22, B-23, B-24)
B-25, B-26, B-27	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	D (B-25)		3D (B-25, B-26, B-27)
B-28, B-29, B-30	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	3D (B-28, B-29, B-30)		3D (B-28, B-29, B-30)
B-31, B-32, B-33	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	2D (B-31, B-32)		3D (B-31, B-32, B-33)
B-34, B-35, B-36	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C	-		3D (B-34, B-35, B-36)
B-37, B-38, B-39	0' - 0.5'	Existing Building	С			3D (B-37, B-38, B-39)
B-40, B-41, B-42, B-43	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C	2D (B-40, B-41)		4D (B-40, B-41, B-42, B-43)
B-44, B-45	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C	-		-
B-46, B-47, B-48	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C			
B-49, B-50, B-51	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C			
	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C			
B-52, B-53, B-54	2.5' - 3.0' 0' - 0.5'	Predating 1978 Former Building Predating	C C			3D (B-55, B-56, B-57)
B-55, B-56, B-57	2.5' - 3.0' 0' - 0.5'	1947 Former Building Predating	C			3D (B-58, B-59, B-60)
B-58, B-59, B-60	2.5' - 3.0' 0' - 0.5'	1947 Pad-Mounted	C	D		-
T-1	2.5' - 3.0'	Transformer		- D DUP		
T-1 DUP	0' - 0.5' 2.5' - 3.0'	- Duplicate		-		
T-2	0' - 0.5' 2.5' - 3.0'	Pole-Mounted Transformer		D -		
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:

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.

Fed Ex. 17K# 6201 1515 4187

THU - 05 OCT AA PRIORITY OVERNIGHT

940ct 22:20 OAKH 577G9/3D8A/D486

92780 CA-US SNA



Ship Date: 040ct23

Track Num: 620115154198

Project ID:

Recipient Address:

SAMPLE RECEIVING

EUROFINS ENV. TESTING SOUTHWEST

2841 DOW AVE

SUITE 100

TUSTIN

CA

92780

US

155379.



Page 69 of 70

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-155379-1

Login Number: 155379 List Source: Eurofins Calscience

List Number: 1

Creator: Gutierrez, Rebecca

Creator: Gutierrez, Repecca		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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

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

45

14

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Laboratory Job ID: 570-155657-1

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Definitions/Glossary

Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

Glossary

RL

RPD

TEF

TEQ

TNTC

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Relative Percent Difference, a measure of the relative difference between two points

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** Detection Limit (DoD/DOE) DL 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 MI Minimum Level (Dioxin) Most Probable Number MPN MQL Method Quantitation Limit NC Not Calculated Not Detected at the reporting limit (or MDL or EDL if shown) ND NEG Negative / Absent POS Positive / Present **PQL Practical Quantitation Limit PRES** Presumptive **Quality Control** 0C**RER** Relative Error Ratio (Radiochemistry)

1 0

Case Narrative

Client: PlaceWorks, Inc.

Job ID: 570-155657-1

Project/Site: SCUS-08.0

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 $1.8^{\circ}C$ and $2.8^{\circ}C$

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.

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Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Client Sample ID: B-28 @ 0.5'					Lab San	nple ID: 57	0-155657-1
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	15.1		1.99	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-28 @ 2.5'					Lab Sar	nple ID: 57	0-155657-2
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-29 @ 0.5'					Lab San	nple ID: 57	0-155657-3
	D 14	0	D:	1114	D".F D	NA - 411	D T
Analyte Lead	37.0	Qualifier	RL 1.99		<u>Dil Fac</u> D	6010B	Prep Type Total/NA
Composited	yes		1.99	NONE	1	Composite	Total/NA
	yes			NONE		·	
Client Sample ID: B-29 @ 2.5'					Lab San	npie ID: 57	0-155657-4
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-30 @ 0.5'					Lab San	nple ID: 57	0-155657-5
Analyte	Pocult	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	33.1	<u>Quanner</u>	2.01	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-30 @ 2.5'					Lah San	nnio ID: 57	0-155657-6
					Lab Sai	ווףופ וט. <i>זו</i>	<u>0-155657-6</u>
Analyte	Result	Qualifier	RL	Unit	Dil Fac D		Prep Type
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-31 @ 0.5'					Lab San	nple ID: 57	0-155657-7
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	42.5		1.99	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-31 @ 2.5'					Lab San	nple ID: 57	0-155657-8
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-32 @ 0.5'					Lab San	nple ID: 57	0-155657-9
	Dec."	Ouglifie:	D'	11:4		•	
Analyte Lead	46.1	Qualifier	1.98	<mark>Unit</mark> mg/Kg	<u>Dil Fac</u> <u>D</u>	6010B	Total/NA
Composited	yes		1.50	NONE	1	Composite	Total/NA
Client Sample ID: B-32 @ 2.5'					Lab Sam	<u> </u>	-155657-10
	Daa:-!*	Qualifier	DI .	l lm!4		-	
Analyte Composited	yes	Qualifier	RL	Unit NONE	<u>Dil Fac</u> D	Composite	Prep Type Total/NA
Client Sample ID: B-33 @ 0.5'				11011		·)-155657-11
Cheff Gample ID. D-33 @ 0.3					Lab Jaili	אופ ום. טונ	-100001-11
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	36.9		2.00	mg/Kg		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

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Client: PlaceWorks, Inc.

Project/Site: SCUS-08.0

Client Sample ID: B-33 @	0.5' (Cont	inued)			Lab Sam	ple ID: 570)-155657-11
Analyte		Qualifier	RL	Unit	Dil Fac D		Prep Type
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-33 @	2.5'				Lab Sam	ple ID: 570	-155657-12
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-34 @	0.5'				Lab Sam	ple ID: 570	-155657-13
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	42.1		2.01	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-34 @	2.5'				Lab Sam	ple ID: 570	-155657-14
Analyte	Posult	Qualifier	RL	Unit	Dil Fac D	Mathad	Prep Type
Composited	yes	Qualifier		NONE		Composite	Total/NA
Client Sample ID: B-35 @					Lah Sami	<u> </u>	-155657-15
	0.0				Lab Gaiii	pic 1D. 070	7-100007-10
Analyte		Qualifier	RL	Unit	Dil Fac D		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 Sam	ple 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 Sam	ple ID: 570	-155657-17
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	22.7		2.01	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-36 @	2.5'				Lab Sam	ple ID: 570	-155657-18
Analyte	Posult	Qualifier	RL	Unit	Dil Fac D	Mathad	Prep Type
Composited	yes	<u>Qualifier</u>		NONE		Composite	Total/NA
Client Sample ID: B-37 @	0.5'				Lah Sami	nla ID: 570	-155657-19
Chefit Sample IB. B-37 @	0.0				Lab Saiii	pie ib. 570	7-133037-13
Analyte	Result	Qualifier	RL	Unit	Dil Fac D		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 Sam	ple ID: 570	-155657-20
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
	0.5!				Lab Sami	ole ID: 570	-155657-21
Client Sample ID: B-38 @	0.5					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	= .
		Qualifier	RI	Unit			
Client Sample ID: B-38 @ Analyte Lead		Qualifier	RL 2.01	Unit mg/Kg	Dil Fac D		Prep Type Total/NA

This Detection Summary does not include radiochemical test results.

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Client: PlaceWorks, Inc.

Project/Site: SCUS-08.0

Client Sample ID: B-38 @	2.5'				Lab Sam	ple 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 Sam	ple ID: 570	-155657-23
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	34.9		1.99	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-39 @	2.5'				Lab Sam	ple 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 Sam	ple ID: 570	-155657-25
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	19.1		2.03	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-40 @	2.5'				Lab Sam	ple ID: 570	-155657-26
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-41 @	0.5'				Lab Sam	ple ID: 570	-155657-27
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	8.63		2.01	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-41 @	2.5'				Lab Sam	ple ID: 570	-155657-28
Analyte	Result	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Composited	yes			NONE		Composite	Total/NA
Client Sample ID: B-42 @	0.5'				Lab Sam	ple ID: 570	-155657-29
Analyte	Rosult	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	7.32		2.01	mg/Kg		6010B	Total/NA
Composited	yes			NONE	1	Composite	Total/NA
Client Sample ID: B-42 @	2.5'				Lab Sam	ple 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 Sam	ple ID: 570)-155657-31
Analyte	Rocult	Qualifier	RL	Unit	Dil Fac D	Method	Prep Type
Lead	8.74		2.04	mg/Kg		6010B	Total/NA
Composited	YES			NONE	1	Composite	Total/NA
Client Sample ID: B-43 @	2.5'				Lab Sam	ple ID: 570	-155657-32
-		Ouglifier	DI	Init		•	
Analyte Composited	YES	Qualifier	RL	Unit NONE	Dil Fac D	Method Composite	Total/NA

This Detection Summary does not include radiochemical test results.

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10/12/2023

Detection Summary

Project/Site: SCUS-08.0	332.12. 6.0 .6666
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

Client: PlaceWorks, Inc.

No Detections.

Job ID: 570-155657-1

Client: PlaceWorks, Inc. Job ID: 570-155657-1 Project/Site: SCUS-08.0

Method: SW846 8081A - Organochlorine Pesticides (GC)

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

Analyte	Result Qua	alifier RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND ND	0.044	ug/L		10/10/23 08:09	10/11/23 16:43	
4,4'-DDE	ND	0.022	ug/L		10/10/23 08:09	10/11/23 16:43	•
4,4'-DDT	ND	0.022	ug/L		10/10/23 08:09	10/11/23 16:43	•
Aldrin	ND	0.022	ug/L		10/10/23 08:09	10/11/23 16:43	
alpha-BHC	ND	0.0087	ug/L		10/10/23 08:09	10/11/23 16:43	•
cis-Chlordane	ND	0.022	ug/L		10/10/23 08:09	10/11/23 16:43	•
beta-BHC	ND	0.033	ug/L		10/10/23 08:09	10/11/23 16:43	
delta-BHC	ND	0.022	ug/L		10/10/23 08:09	10/11/23 16:43	•
Dieldrin	ND	0.022	ug/L		10/10/23 08:09	10/11/23 16:43	•
Endosulfan I	ND	0.0087	ug/L		10/10/23 08:09	10/11/23 16:43	
Endosulfan II	ND	0.044	ug/L		10/10/23 08:09	10/11/23 16:43	•
Endosulfan sulfate	ND	0.022	ug/L		10/10/23 08:09	10/11/23 16:43	•
Endrin	ND	0.022	ug/L		10/10/23 08:09	10/11/23 16:43	
Endrin aldehyde	ND	0.22	ug/L		10/10/23 08:09	10/11/23 16:43	•
Endrin ketone	ND	0.022	ug/L		10/10/23 08:09	10/11/23 16:43	•
gamma-BHC (Lindane)	ND	0.0087	ug/L		10/10/23 08:09	10/11/23 16:43	
trans-Chlordane	ND	0.066	ug/L		10/10/23 08:09	10/11/23 16:43	•
Heptachlor	ND	0.0087	ug/L		10/10/23 08:09	10/11/23 16:43	•
Heptachlor epoxide	ND	0.044	ug/L		10/10/23 08:09	10/11/23 16:43	
Methoxychlor	ND	0.044	ug/L		10/10/23 08:09	10/11/23 16:43	•
Toxaphene	ND	0.44	ug/L		10/10/23 08:09	10/11/23 16:43	

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 Lab Sample ID: 570-155657-34

Date Collected: 10/05/23 10:15 **Matrix: Solid** Date Received: 10/06/23 09:30

Date Received: 10/06/23 0		- Ligarian Di	1114	_	B	A b	D!! F
Analyte	Result Qu		Unit	<u>D</u>	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

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Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

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

ND

Client Sample ID: B-28, B-29, Date Collected: 10/05/23 10:19 Date Received: 10/06/23 09:30	5	Composite	•			Lab Sampl	le ID: 570-155 Matrix	657-34 :: 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 Lab Sample ID: 570-155657-35 Date Collected: 10/05/23 00:00 **Matrix: Solid** Date Received: 10/06/23 09:30 Analyte Result Qualifier RLUnit Prepared Analyzed Dil Fac

1				•	•	
4,4'-DDD	ND 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	•
delta-BHC	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	•
Dieldrin	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	•
Endosulfan I	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	•
Endosulfan II	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	•
Endosulfan sulfate	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	•
Endrin	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	
Endrin aldehyde	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	•
Endrin ketone	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	•
gamma-BHC (Lindane)	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	
trans-Chlordane	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	•
Heptachlor	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	•
Heptachlor epoxide	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	
Methoxychlor	ND	5.0	ug/Kg	10/09/23 10:54	10/11/23 15:08	•

	Surrogate	%Recovery	Qualifier	Limits	Prepared A	nalyzed	Dil Fac
	Tetrachloro-m-xylene (Surr)	75		38 - 148	10/09/23 10:54 10/1	1/23 15:08	1
Į	DCB Decachlorobiphenyl (Surr)	85		37 - 151	10/09/23 10:54 10/1	1/23 15:08	1

25

ug/Kg

Client Sample ID: B-31, B-32, B33 @ 0.5' Composite Lab Sample ID: 570-155657-36 **Matrix: Solid**

Date Collected: 10/05/23 00:00 Date Received: 10/06/23 09:30

Toxaphene

Date Neceived. 10/00/23	03.30						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

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10/09/23 10:54 10/11/23 15:08

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Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

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

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Client Sample ID: B-31, B-Date Collected: 10/05/23 0			Lab Samp	e ID: 570-155 Matrix	55657-36 rix: Solid			
Date Received: 10/06/23 0 Analyte	9:30 Result Qua	ılifier RL	Unit	D	Prepared	Analyzed	Dil Fac	
Endosulfan II	ND 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 Qua	lifier Limits			Prepared	Analyzed	Dil Fac	
Tetrachloro-m-xylene (Surr)	76	38 - 148			10/09/23 10:54	10/11/23 15:22	1	

37 - 151

Date Collected: 10/05/23 00:00

DCB Decachlorobiphenyl (Surr)

DCB Decachlorobiphenyl (Surr)

Result Qualifier ND ND	RL 5.0		D	Prepared	Analyzed	Dil Fac
		ua/Ka			,	Dii i uc
ND		ug/Ng		10/09/23 10:54	10/11/23 15:36	1
	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	5.0	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
ND	25	ug/Kg		10/09/23 10:54	10/11/23 15:36	1
%Recovery Qualifier	Limits			Prepared	Analyzed	Dil Fac
76	38 - 148			10/09/23 10:54	10/11/23 15:36	1
	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND 5.0 ND 25	ND 5.0 ug/Kg ND	ND 5.0 ug/Kg ND	ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54 ND 5.0 ug/Kg 10/09/23 10:54	ND 5.0 ug/Kg 10/09/23 10:54 10/11/23 15:36 ND 5.0 ug/Kg 10/09/23 10:54 10/11/23 15:36

10/09/23 10:54 10/11/23 15:36

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10/09/23 10:54 10/11/23 15:22

Lab Sample ID: 570-155657-37

Matrix: Solid

Client: PlaceWorks, Inc. Job ID: 570-155657-1 Project/Site: SCUS-08.0

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

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
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
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
alpha-BHC ND 5.0 ug/Kg 10/09/23 10:54 10/11/23 15:50 1 1 cis-Chlordane ND 5.0 ug/Kg 10/09/23 10:54 10/11/23 15:50 1 1 beta-BHC ND 5.0 ug/Kg 10/09/23 10:54 10/11/23 15:50 1 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
beta-BHC ND 5.0 ug/Kg 10/09/23 10:54 10/11/23 15:50 1
LIKE DITO
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

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

5.0

5.0

5.0

25

ug/Kg

ug/Kg

ug/Kg

ug/Kg

Client Sample ID: B-34, B-35, B36 @ 2.5' Composite

ND

ND

ND

ND

Date Collected: 10/05/23 00:00

Heptachlor

Methoxychlor

Toxaphene

Heptachlor epoxide

Analyte	Result Qualifier	RL	Unit	D Prepared	Analyzed	Dil Fac
4,4'-DDD	ND -	5.0	ug/Kg	10/09/23 10:5	10/11/23 16:05	1
4,4'-DDE	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
4,4'-DDT	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
Aldrin	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
alpha-BHC	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
cis-Chlordane	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
beta-BHC	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
delta-BHC	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
Dieldrin	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
Endosulfan I	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
Endosulfan II	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
Endosulfan sulfate	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
Endrin	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
Endrin aldehyde	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
Endrin ketone	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
gamma-BHC (Lindane)	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
trans-Chlordane	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
Heptachlor	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
Heptachlor epoxide	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1
Methoxychlor	ND	5.0	ug/Kg	10/09/23 10:5	4 10/11/23 16:05	1

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Lab Sample ID: 570-155657-38

10/09/23 10:54 10/11/23 15:50

10/09/23 10:54 10/11/23 15:50

10/09/23 10:54 10/11/23 15:50

10/09/23 10:54 10/11/23 15:50

Matrix: Solid

Lab Sample ID: 570-155657-39 **Matrix: Solid**

10/12/2023

Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

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

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Client Sample ID: B-34, B-35, Date Collected: 10/05/23 00:00 Date Received: 10/06/23 09:30			Lab Samp	le ID: 570-155 Matrix	657-39 : Solid			
Analyte Toxaphene	Result ND	Qualifier	RL	Unit ug/Kg	_ <u>D</u>	Prepared 10/09/23 10:54	Analyzed 10/11/23 16:05	Dil Fac
Surrogate Tetrachloro-m-xylene (Surr)	%Recovery	Qualifier	<u>Limits</u> 38 - 148			Prepared 10/09/23 10:54	Analyzed 10/11/23 16:05	Dil Fac

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**

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Date Received: 10/06/23 09:30

DCB Decachlorobiphenyl (Surr)

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	l imite			Prenared	Analyzod	Dil Fac

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

Date Neceived. 10/00/23	JJ.JU						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

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Lab Sample ID: 570-155657-41

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10/09/23 10:54 10/11/23 16:05

Matrix: Solid

Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

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

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Client Sample ID: B-37, B-Date Collected: 10/05/23 0		Lab Sample ID: 570-155657-4 Matrix: Soli						
Date Received: 10/06/23 0							Watin	t. Cond
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

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Date Collected: 10/05/23 00:00

DCB Decachlorobiphenyl (Surr)

DCB Decachlorobiphenyl (Surr)

Date Received: 10/06/23 0	9:30						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND 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

10/09/23 10:54 10/11/23 16:47

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10/09/23 10:54 10/11/23 16:33

Lab Sample ID: 570-155657-42

Matrix: Solid

Client: PlaceWorks, Inc. Job ID: 570-155657-1 Project/Site: SCUS-08.0

Method: SW846 8081A - Organochlorine Pesticides (GC)

DCB Decachlorobiphenyl (Surr)

Client Sample ID: B-40, B-41, B42 @ 2.5' Composite Lab Sample ID: 570-155657-43

	te Collected: 10/05/23 00:00						
Date Received: 10/06/23 09 Analyte	2:30 Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4.4'-DDD	ND Guarrier	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

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10/09/23 10:54 10/11/23 17:01

Client: PlaceWorks, Inc.

Job ID: 570-155657-1

Project/Site: SCUS-08.0

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

Client Sample ID: B-28 @ 0.5'					Lab Sam	ole ID: 570-1	55657-1
Date Collected: 10/05/23 09:40						Matri	ix: Solid
Date Received: 10/06/23 09:30							
Δnalvte	Result Qualifier	RI	Unit	D	Prenared	Analyzed	Dil Fac

Date Received: 10/0	16/23 09:30						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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
0	0/5	1.5					D# 5

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

Date Received. 10/00/	23 03.30						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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

Matrix: Solid

Date Neceivea. 10/00	# 2 0 00.00						
Analyte	Result Q	ualifier RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND 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' Lab Sample ID: 570-155657-7
Date Collected: 10/05/23 09:25 Matrix: Solid

Date Received: 10/06/23 09:30								
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

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Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

Client Sample ID: B-31 @ 0. Date Collected: 10/05/23 09			Lab Sample ID: 570-155657-7 Matrix: Solid					
Date Received: 10/06/23 09:		Qualifier	DI	Unit	_	Drawarad	Amalumad	Dil Fac
Analyte		Quaimer	RL		<u>D</u>	Prepared	Analyzed	DII 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

Date Collected: 10/05/2	016 ND				Lab Sample ID: 570-1556 Matrix:		
Analyte		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	ua/Ka		10/06/23 16:50	10/09/23 01:25	1

PCD-1010	ND	49	ug/Ng	10/00/23 10.30 10/09/23 01.23	
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

Lab Sample ID: 570-155657-25

Matrix: Solid

Date Received: 10/06/2	23 09:30							
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
PCB-1016	ND 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 Q	Qualifier L	.imits	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	2	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

Lab Sample ID: 570-155657-27

Matrix: Solid

Date Received: 10/06/23 09:30

ш									
	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

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Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

DCB Decachlorobiphenyl (Surr)

Tetrachloro-m-xylene (Surr)

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

Client Sample ID: B-41 @ 0.5' Date Collected: 10/05/23 07:25						Lab Sampl	le ID: 570-155 Matrix	657-27 c: Solid
Date Received: 10/06/23 09:30 Analyte	Posult	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND	Qualifier	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 Sampl	le ID: 570-155 Matrix	657-33 : 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

20 - 122

20 - 144

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<u>10/10/23 08:09</u> <u>10/11/23 13:26</u>

10/10/23 08:09 10/11/23 13:26

Client: PlaceWorks, Inc.

Job ID: 570-155657-1

Project/Site: SCUS-08.0

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-28 @ 0.5' Date Collected: 10/05/23 09:40						Lab Sam	ple ID: 570-15 Matrix	55657-1 c: Solid
Date Received: 10/06/23 09:30							Watiiz	t. John
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15.1		1.99	mg/Kg	_ <u>-</u>	10/10/23 11:05	10/10/23 17:51	5
Client Sample ID: B-29 @ 0.5'						Lab Sam	ple ID: 570-15	55657-3
Date Collected: 10/05/23 09:35								c: Solid
Date Received: 10/06/23 09:30								
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'						Lab Sam	ple ID: 570-15	55657-5
Date Collected: 10/05/23 09:30							Matrix	c: Solid
Date Received: 10/06/23 09:30								
<u>Analyte</u>		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'						Lab Sam	ple ID: 570-15	
Date Collected: 10/05/23 09:25							Matrix	c: Solid
Date Received: 10/06/23 09:30					_			
Analyte		Qualifier	RL 1.99	Unit	D	Prepared 10/10/23 11:05	Analyzed 10/10/23 18:58	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'						Lab Sam	ple ID: 570-15	5657-9
Date Collected: 10/05/23 09:20							Matrix	c: Solid
Date Received: 10/06/23 09:30								
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'						Lab Samp	le ID: 570-155	657-11
Date Collected: 10/05/23 09:15							Matrix	c: Solid
Date Received: 10/06/23 09:30								
Analyte		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'						Lab Samp	le ID: 570-155	657-13
Date Collected: 10/05/23 09:00							Matrix	c: Solid
Date Received: 10/06/23 09:30		_						
Analyte		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'						Lab Samp	le ID: 570-155	657-15
Date Collected: 10/05/23 08:55							Matrix	c: Solid
Date Received: 10/06/23 09:30								
Analyte		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'						Lab Samp	le ID: 570-155	657-17
Date Collected: 10/05/23 08:50							Matrix	c: Solid
Date Received: 10/06/23 09:30	_					_		
Analyte		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

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Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

Client Sample ID: B-37 @ 0.5'						Lab Samp	le ID: 570-15	
Date Collected: 10/05/23 08:40 Date Received: 10/06/23 09:30							Matrix	x: Solid
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	18.8		2.01	mg/Kg	_ =	<u> </u>	10/10/23 19:08	5
Client Sample ID: B-38 @ 0.5'						Lab Samp	le ID: 570-15	5657-21
Date Collected: 10/05/23 08:30								x: Solid
Date Received: 10/06/23 09:30					_	_		
Analyte		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'						Lab Samp	le ID: 570-15	
Date Collected: 10/05/23 08:25 Date Received: 10/06/23 09:30							Matrix	x: 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'						Lab Samp	le ID: 570-15	5657-25
Date Collected: 10/05/23 07:27						·		x: Solid
Date Received: 10/06/23 09:30								
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'						Lab Samp	le ID: 570-15	5657-27
Date Collected: 10/05/23 07:25						•	Matrix	x: Solid
Date Received: 10/06/23 09:30								
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'						Lab Samp	le ID: 570-15	5657-29
Date Collected: 10/05/23 07:30							Matrix	x: Solid
Date Received: 10/06/23 09:30								
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'						Lab Samp	le ID: 570-15	5657-31
Date Collected: 10/05/23 07:40							Matrix	x: Solid
Date Received: 10/06/23 09:30					_			5
Analyte		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 Lab Sample ID: 570-155657-33

Date Collected: 10/05/23 10:15
Date Received: 10/06/23 09:30
Matrix: Water

Date 1100011001 10/100/20 00:00								
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

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Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

Method: Composite - Sampl	e Comp	ositing						
Client Sample ID: B-28 @ 0.5'						Lab Sam	ple ID: 570-1	55657-1
Date Collected: 10/05/23 09:40							Matri	x: Solid
Date Received: 10/06/23 09:30								
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'						Lab Sam	ple ID: 570-1	55657-2
Date Collected: 10/05/23 09:40							•	x: Solid
Date Received: 10/06/23 09:30								
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'						Lab Sam	ple ID: 570-1	55657-3
Date Collected: 10/05/23 09:35							•	x: Solid
Date Received: 10/06/23 09:30								
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'						Lab Sam	ple ID: 570-1	55657-4
Date Collected: 10/05/23 09:35							•	x: Solid
Date Received: 10/06/23 09:30								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes	<u> </u>		NONE		· ·	10/09/23 13:49	
_ Client Sample ID: B-30 @ 0.5'						Lah Sam	ple ID: 570-1	55657-5
Date Collected: 10/05/23 09:30							•	x: Solid
Date Received: 10/06/23 09:30							i i i i i i i i i i i i i i i i i i i	A. Cona
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'						Lah Sam	ple ID: 570-1	55657-6
Date Collected: 10/05/23 09:30						Lub Guii		x: Solid
Date Received: 10/06/23 09:30								
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'						Lab Sam	ple ID: 570-1	55657-7
Date Collected: 10/05/23 09:25								x: Solid
Date Received: 10/06/23 09:30								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE		<u> </u>	10/10/23 16:00	1
Client Sample ID: B-31 @ 2.5'						Lab Sam	ple ID: 570-1	55657-8
Date Collected: 10/05/23 09:25							•	x: Solid
Date Received: 10/06/23 09:30								
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'						Lab Sam	ple ID: 570-1	55657-9
Date Collected: 10/05/23 09:20						•••••	-	x: Solid
Date Received: 10/06/23 09:30								2
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
On a selfer d				NONE			10/10/22 16:00	

10/12/2023

10/10/23 16:00

yes

NONE

Composited

Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

Client Sample ID: B-32 @ 2.5'						Lab Samp	ole ID: 570-155	
Date Collected: 10/05/23 09:20							Matrix	c: Solid
Date Received: 10/06/23 09:30					_			B.: =
Analyte		Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			10/09/23 13:49	1
Client Sample ID: B-33 @ 0.5'						Lab Samp	ole ID: 570-15	5657-11
Date Collected: 10/05/23 09:15							Matrix	c: Solid
Date Received: 10/06/23 09:30								
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'						Lab Samp	ole ID: 570-155	657-12
Date Collected: 10/05/23 09:15						•		c: Solid
Date Received: 10/06/23 09:30								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			10/09/23 13:49	1
Client Commis ID: D 24 @ 0.5!						Lab Came	.l. ID. 570 451	CE7 40
Client Sample ID: B-34 @ 0.5'						Lab Samp	ole ID: 570-158	
Date Collected: 10/05/23 09:00							Watrix	c: Solid
Date Received: 10/06/23 09:30 Analyte	Pocult	Qualifier	RL	Unit	D	Bronarod	Analyzed	Dil Fac
Composited	yes	Quaimer	KL	NONE		Prepared	10/09/23 13:49	1
=	,00						.0,00,20	·
Client Sample ID: B-34 @ 2.5'						Lab Samp	ole ID: 570-155	
Date Collected: 10/05/23 09:00							Matrix	c: Solid
Date Received: 10/06/23 09:30								
Analyte	Result	Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			10/09/23 13:49	1
Client Sample ID: B-35 @ 0.5'						Lah Samr	ole ID: 570-155	657-15
Date Collected: 10/05/23 08:55						Lub Gump		c: Solid
Date Received: 10/06/23 09:30							111000112	
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes	<u> </u>		NONE		•	10/09/23 13:49	1
Client Sample ID: B-35 @ 2.5'						Lab Samp	ole ID: 570-155	
Date Collected: 10/05/23 08:55							Matrix	c: Solid
Date Received: 10/06/23 09:30					_			B.: =
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			10/09/23 13:49	1
Client Sample ID: B-36 @ 0.5'						Lab Samp	ole ID: 570-155	657-17
Date Collected: 10/05/23 08:50							Matrix	c: Solid
Date Received: 10/06/23 09:30								
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'						Lab Samr	ole ID: 570-155	657-18
Date Collected: 10/05/23 08:50						Outil		c: Solid
Date Received: 10/06/23 09:30							matri	55114
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited				NONE		-	10/09/23 13:49	

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Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

Analyte

Composited

Method: Composite - Sample	e Comp	ositing						
Client Sample ID: B-37 @ 0.5'						Lab Samp	ole ID: 570-155	657-19
Date Collected: 10/05/23 08:40							Matrix	c: Solid
Date Received: 10/06/23 09:30								
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'						Lab Samr	ole ID: 570-155	657-20
Date Collected: 10/05/23 08:40								c: Solid
Date Received: 10/06/23 09:30							Matrix	••••••
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE	— <u> </u>		10/09/23 13:51	1
•	•							
Client Sample ID: B-38 @ 0.5'						Lab Samp	ole ID: 570-155	
Date Collected: 10/05/23 08:30							Matrix	c: Solid
Date Received: 10/06/23 09:30								
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'						Lab Samp	ole ID: 570-155	657-22
Date Collected: 10/05/23 08:30								c: Solid
Date Received: 10/06/23 09:30								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes	<u> </u>		NONE		· ·	10/09/23 13:51	1
Client Sample ID: B-39 @ 0.5'						Lab Samp	ole ID: 570-155	
Date Collected: 10/05/23 08:25							Matrix	c: Solid
Date Received: 10/06/23 09:30					_			
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			10/09/23 13:49	1
Client Sample ID: B-39 @ 2.5'						Lab Samp	le ID: 570-155	657-24
Date Collected: 10/05/23 08:25								c: Solid
Date Received: 10/06/23 09:30								
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'						Lah Samr	ole ID: 570-155	657-25
Date Collected: 10/05/23 07:27						Lab Gamp		c: Solid
Date Received: 10/06/23 09:30							mac 12	
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			10/10/23 10:44	1
Olient Comple ID: D 40 @ 0 5						Lab Oami	us ID: 570 451	
Client Sample ID: B-40 @ 2.5'						Lab Samp	ole ID: 570-155	
Date Collected: 10/05/23 07:27							Matrix	c: Solid
Date Received: 10/06/23 09:30	Dogu!	Qualifier	ы	Unit	n	Dronorod	Analyzed	Dil Eco
Analyte Composited		<u>Quaimer</u> _	RL	Unit NONE	D	Prepared	Analyzed 10/09/23 13:51	Dil Fac
Composited	yes			NOINE			10/03/23 13.31	ı
Client Sample ID: B-41 @ 0.5'						Lab Samp	ole ID: 570-155	657-27
Date Collected: 10/05/23 07:25							Matrix	c: Solid
Date Received: 10/06/23 09:30								
					_			

Analyzed

10/10/23 10:44

Result Qualifier

yes

RL

Unit

NONE

Prepared

Dil Fac

Client: PlaceWorks, Inc. Job ID: 570-155657-1 Project/Site: SCUS-08.0

Method: Composite - Sample Compositing

Date Received: 10/06/23 09:30

Analyte

Composited

Client Sample ID: B-41 @ 2.5' Date Collected: 10/05/23 07:25						Lab Samp	ole ID: 570-15 Matri	5657-28 x: Solid
Date Received: 10/06/23 09:30 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'						Lab Samp	ole ID: 570-15	5657-2 9
Date Collected: 10/05/23 07:30 Date Received: 10/06/23 09:30							Matri	x: 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'						Lab Samp	ole ID: 570-15	
Date Collected: 10/05/23 07:30							Matri	x: Solid
Date Received: 10/06/23 09:30 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 Samp	ole ID: 570-15 Matri	5657-31 x: 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'						Lab Samp	ole ID: 570-15	5657-32
Date Collected: 10/05/23 07:40						•		x: Solid

RL

Unit

NONE

Prepared

Analyzed

10/09/23 13:51

Result Qualifier

YES

Dil Fac

Client: PlaceWorks, Inc. Job ID: 570-155657-1 Project/Site: SCUS-08.0

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid Prep Type: Total/NA

			Perce	nt 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				

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid Prep Type: Total/NA

_			Pe	rcent Surrog	gate Re	covery (
		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'	76	89			
	Composite					
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						
_CS 570-371809/2-A	Lab Control Sample	87	86						
_CSD 570-371809/3-A	Lab Control Sample Dup	88	90						

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						

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Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

Matrix: Water Prep Type: Total/NA

			Pe	rcent 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 S	urrogate 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)

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QC Sample Results

Client: PlaceWorks, Inc. Job ID: 570-155657-1

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-371730/1-A

Matrix: Water

Analysis Batch: 372686

Project/Site: SCUS-08.0

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 371730

	1410	IVID						
Analyte	Result	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
				-				

MB MB

MB MB

Limits Surrogate %Recovery Qualifier Prepared Analyzed Dil Fac 49 - 132 10/09/23 08:09 10/11/23 14:41 Tetrachloro-m-xylene (Surr) 66 DCB Decachlorobiphenyl (Surr) 72 10 - 142 10/09/23 08:09 10/11/23 14:41

Lab Sample ID: LCS 570-371730/2-A

Matrix: Water

trans-Chlordane

Analysis Batch: 372686

Client Sample	ID: Lab Control Sample
	Prep Type: Total/NA

79

22 - 159

Prep Batch: 371730 Spike LCS LCS %Rec **Analyte** Added Result Qualifier Unit %Rec Limits 4,4'-DDD 0.200 0.1673 ug/L 84 27 - 162 4,4'-DDE 0.200 70 0.1402 23 - 160 ug/L 4,4'-DDT 0.200 0.1574 79 ug/L 11 - 173Aldrin 0.200 0.1353 68 31 - 135 ug/L alpha-BHC 0.200 0.1492 ug/L 75 28 - 147 cis-Chlordane 0.200 0.1492 75 26 - 151 ug/L 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 ug/L Endosulfan I 0.200 89 26 - 150 0.1773 Endosulfan II 89 0.200 0.1780 ug/L 27 - 160 Endosulfan sulfate 0.200 0.1595 ug/L 80 25 - 146 0.1571 79 Endrin 0.200 ug/L 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 73 28 - 151 ug/L 0.200

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0.1586

ug/L

Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene (Surr)	85		49 - 132
DCB Decachlorobiphenyl (Surr)	93		10 - 142

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 570-371730/3-A **Matrix: Water** Prep Type: Total/NA **Prep Batch: 371730 Analysis Batch: 372686** Spike LCSD LCSD %Rec **RPD**

Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 4,4'-DDD 0.200 0.1386 27 - 162 ug/L 69 19 30 4,4'-DDE 0.200 0.1291 65 23 - 160 28 ug/L 8 4,4'-DDT 0.200 0.1490 ug/L 75 11 - 173 5 40 Aldrin 0.200 65 31 - 135 26 0.1294 ug/L 0.200 74 26 alpha-BHC 0.1480 ug/L 28 - 147 cis-Chlordane 0.200 0.1459 ug/L 73 26 - 151 29 beta-BHC 0.200 0.1417 ug/L 71 26 - 151 26 6 delta-BHC 0.200 0.1182 ug/L 59 10 - 140 36 Dieldrin 0.200 0.1535 77 24 - 157 27 ug/L 5 Endosulfan I 0.200 0.1706 ug/L 85 26 - 150 25 Endosulfan II 0.200 80 27 - 160 27 0.1609 ug/L 10 Endosulfan sulfate 0.200 76 5 27 0.1510 ug/L 25 - 146 40 Endrin 0.200 0.1499 ug/L 75 24 - 170 5 Endrin aldehyde 0.200 66 25 ND ug/L 23 - 153 20 0.200 0.1541 ug/L 77 32 - 154 27 Endrin ketone 28 - 151 0.200 73 26 gamma-BHC (Lindane) 0.1457 ug/L trans-Chlordane 0.200 0.1512 ug/L 76 22 - 159 30 Heptachlor 0.200 0.1479 ug/L 74 26 - 145 26

0.200

0.200

0.1522

0.1550

ug/L

ug/L

LCSD LCSD

Surrogate	%Recovery 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

Heptachlor epoxide

Methoxychlor

Analysis Batch: 372674

Client Sample ID: Method Blank Prep Type: Total/NA

26 - 157

31 - 155

76

78

Prep Batch: 371809

3

10

30

26

	MB	MB						
Analyte	Result	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

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QC Sample Results

Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0 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

	MB	MB						
Analyte	Result	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

MB MB

Surrogate	%Recovery	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 C	Control Sample
	Prep	Type: Total/NA
	Drop	Potoby 274900

Prep Batch: 371809 Spike LCS LCS %Rec Added Analyte Result Qualifier Unit %Rec Limits 4,4'-DDD 25.0 23.37 54 - 154 ug/Kg 93 4,4'-DDE 25.0 23.16 93 51 - 149 ug/Kg 4,4'-DDT 25.0 22.94 92 ug/Kg 39 - 152 Aldrin 25.0 22.85 ug/Kg 91 52 - 138 alpha-BHC 25.0 23.48 94 51 - 140 ug/Kg cis-Chlordane 25.0 21.66 ug/Kg 87 53 - 141 53 - 141 beta-BHC 25.0 21.22 85 ug/Kg delta-BHC 25.0 24.64 ug/Kg 99 20 - 132 Dieldrin 25.0 20.70 83 52 - 144 ug/Kg Endosulfan I 85 25.0 21.20 ug/Kg 49 - 139 Endosulfan II 25.0 20.01 ug/Kg 80 51 - 150 Endosulfan sulfate 25.0 21.18 85 45 - 139 ug/Kg 25.0 19.36 77 Endrin ug/Kg 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 82 53 - 141 ug/Kg trans-Chlordane 25.0 20.54 82 46 - 156 ug/Kg 52 - 144 Heptachlor 25.0 19.08 ug/Kg 76 Heptachlor epoxide 25.0 21.12 ug/Kg 84 54 - 141 Methoxychlor 25.0 26.43 106 47 - 148 ug/Kg

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Client: PlaceWorks, Inc. Job ID: 570-155657-1 Project/Site: SCUS-08.0

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

LCS LCS

%Recovery Qualifier Limits Surrogate Tetrachloro-m-xylene (Surr) 87 38 - 148 DCB Decachlorobiphenyl (Surr) 86 37 - 151

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 371809

Lab Sample ID: LCSD 570-371809/3-A **Matrix: Solid**

Analysis Batch: 372674

-	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

LCSD LCSD

%Recovery Qualifier Limits Surrogate Tetrachloro-m-xylene (Surr) 38 - 148 88 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

MB	MB				•	
Analyte Result	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

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Client: PlaceWorks, Inc. Job ID: 570-155657-1

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

Lab Sample ID: MB 570-371369/1-A

Matrix: Solid

Analysis Batch: 371638

Project/Site: SCUS-08.0

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 371369

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	30		20 - 120	10/06/23 16:50 10/08/23 19:0	7 1
Tetrachloro-m-xylene (Surr)	35		25 - 120	10/06/23 16:50 10/08/23 19:0	7 1

Lab Sample ID: LCS 570-371369/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 371638

Prep Type: Total/NA **Prep Batch: 371369**

%Rec

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits PCB-1016 100 57.01 ug/Kg 57 53 - 133 PCB-1260 100 52.87 ug/Kg 53 39 - 140

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	31		20 - 120
Tetrachloro-m-xvlene (Surr)	38		25 - 120

Lab Sample ID: LCSD 570-371369/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 371638

Prep Type: Total/NA

Prep Batch: 371369

LCSD LCSD Spike %Rec **RPD** Limits RPD Limit Analyte Added Result Qualifier Unit D %Rec PCB-1016 100 57.96 ug/Kg 58 53 - 133 2 32 PCB-1260 100 56.31 56 ug/Kg 39 - 1406 40

LCSD LCSD

MB MB

Surrogate	%Recovery Q	uaiitier	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 Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 372437

Prep Type: Total/NA

Prep Batch: 372221

RL Analyte Result Qualifier Unit Prepared Analyzed Dil Fac 1.98 <u>10/10/23 11:05</u> <u>10/10/23 17:42</u> Lead ND mg/Kg

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

Spike LCS LCS %Rec Added Result Qualifier Limits Analyte Unit D %Rec 49.5 47.26 95 80 - 120 Lead mg/Kg

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 Spike LCSD LCSD %Rec **RPD** Result Qualifier Analyte Added Unit D %Rec Limits RPD Limit Lead 498 46.84 mg/Kg 94 80 - 120

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Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

Method: 6010B - Metals (ICP)

Lab Sample ID: 570-155657-1 MS Client Sample ID: B-28 @ 0.5'

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 372437**

Prep Batch: 372221

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Analyte Unit %Rec 49.3 Lead 15.1 56.63 mg/Kg 84 75 - 125

Lab Sample ID: 570-155657-1 MSD Client Sample ID: B-28 @ 0.5' Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 372437

Prep Batch: 372221 Sample Sample Spike MSD MSD %Rec **RPD**

Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit Analyte 49.3 75 - 125 Lead 15.1 56.98 mg/Kg 85

Lab Sample ID: MB 570-372509/1-A ^5 Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 372786 MB MB

Prep Type: Total/NA

Prep Batch: 372509

Result Qualifier RL Unit Analyte Prepared Analyzed Dil Fac Lead $\overline{\mathsf{ND}}$ 1.99 10/11/23 07:21 10/11/23 15:47 mg/Kg

Lab Sample ID: LCS 570-372509/2-A ^5 **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 372786 Spike LCS LCS Prep Type: Total/NA **Prep Batch: 372509**

%Rec Added Analyte Result Qualifier Unit %Rec Limits 50.0 47.93 80 - 120 Lead mg/Kg

Spike

Lab Sample ID: LCSD 570-372509/3-A ^5 Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 372786

Prep Type: Total/NA **Prep Batch: 372509** LCSD LCSD %Rec **RPD**

Added Result Qualifier Limits RPD Analyte Unit %Rec Limit Lead 49.8 47.06 95 80 - 120 mg/Kg

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

Result Qualifier Analyzed Dil Fac Analyte RL Unit D Prepared 0.100 Arsenic ND mg/L 10/10/23 09:36 10/10/23 15:45 Lead ND 0.0500 mg/L 10/10/23 09:36 10/10/23 15:45

Lab Sample ID: LCS 570-372176/2-A

MB MB

Matrix: Water

Analysis Batch: 372383

Client Sample ID: Lab Control Sample Prep Type: Total Recoverable

Prep Batch: 372176

LCS LCS %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits Arsenic 0.500 0.5103 mg/L 102 80 - 120 0.500 Lead 0.5197 mg/L 104 80 - 120

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QC Sample Results

Client: PlaceWorks, Inc. Job ID: 570-155657-1 Project/Site: SCUS-08.0

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-372176/3-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Water

Prep Type: Total Recoverable Analysis Batch: 372383 Prep Batch: 372176

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	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

Client: PlaceWorks, Inc. Job ID: 570-155657-1 Project/Site: SCUS-08.0

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

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Client: PlaceWorks, Inc.

Job ID: 570-155657-1

Project/Site: SCUS-08.0

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 570-155657-33	Client Sample ID EB 10.05.23	Prep Type Total/NA	Matrix Water	Method 8081A	Prep Batch 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 570-155657-33	Client Sample ID EB 10.05.23	Prep Type Total Recoverable	Matrix Water	Method 3005A	Prep Batch
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	

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Client: PlaceWorks, Inc. Job ID: 570-155657-1 Project/Site: SCUS-08.0

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 570-155657-11	Client Sample ID B-33 @ 0.5'	Prep Type Total/NA	Matrix Solid	Method 3050B	Prep Batch
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	

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Client: PlaceWorks, Inc. Job ID: 570-155657-1 Project/Site: SCUS-08.0

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 570-155657-1	B-28 @ 0.5'	Prep Type Total/NA	Matrix Solid	Method Composite	Prep Batch
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	

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2

Job ID: 570-155657-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

Batch Dil Initial Batch Batch Final Prepared Method Number or Analyzed **Prep Type** Type Run **Factor Amount** Amount Analyst Lab Total/NA 3546 371369 10/06/23 16:50 EET CAL 4 Prep 20.66 g 10 mL E5RH Total/NA 8082 EET CAL 4 371638 10/09/23 00:09 OM8W Analysis 1 1 mL 1 mL 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 372017 Analysis 10/09/23 18:18 KZX6 EET CAL 4 Composite 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

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Type Method Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Composite Total/NA Analysis 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

Lab Sample ID: 570-155657-4

Prep Type Total/NA Total/NA	Batch Type Prep Analysis Instrumer	Batch Method 3546 8082 at ID: GC58	Run	Dil Factor	Amount 20.11 g 1 mL	Final Amount 10 mL 1 mL	Batch Number 371369 371638	Prepared or Analyzed 10/06/23 16:50 10/09/23 00:28		EET CAL 4
Total/NA Total/NA	Prep Analysis Instrumer	3050B 6010B at ID: ICP10		5	2.01 g	50 mL	372221 372451	10/10/23 11:05 10/10/23 18:53		EET CAL 4 EET CAL 4
Total/NA	Analysis Instrumer	Composite nt ID: NOEQUIP		1			372017	10/09/23 18:18	KZX6	EET CAL 4

Client Sample ID: B-29 @ 2.5'

Date Collected: 10/05/23 09:35

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	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrumen	t ID: NOFOLIIP								

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Matrix: Solid

Client: PlaceWorks, Inc. Job ID: 570-155657-1 Project/Site: SCUS-08.0

Client Sample ID: B-30 @ 0.5' Date Collected: 10/05/23 09:30

Lab Sample ID: 570-155657-5

Matrix: Solid

Date Received: 10/06/23 09:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	8082 nt ID: GC58		1	1 mL	1 mL	371638	10/09/23 00:47	W8MO	EET CAL 4
Total/NA	Prep	3050B			1.99 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis Instrumer	6010B nt ID: ICP10		5			372451	10/10/23 18:56	P1R	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			372017	10/09/23 18:18	KZX6	EET CAL 4

Client Sample ID: B-30 @ 2.5' Date Collected: 10/05/23 09:30

Lab Sample ID: 570-155657-6

Matrix: Solid

Date Received: 10/06/23 09:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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'

Lab Sample ID: 570-155657-7

Date Collected: 10/05/23 09:25

Matrix: Solid

Date Received: 10/06/23 09:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumen	8082 at ID: GC58		1	1 mL	1 mL	371638	10/09/23 01:06	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.01 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis Instrumen	6010B at ID: ICP10		5			372451	10/10/23 18:58	P1R	EET CAL 4
Total/NA	Analysis Instrumen	Composite		1			372377	10/10/23 16:00	KZX6	EET CAL 4

Client Sample ID: B-31 @ 2.5'

Lab Sample ID: 570-155657-8

Date Collected: 10/05/23 09:25 Date Received: 10/06/23 09:30

Matrix: Solid

	Batch	Batch	_	Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrumen	t ID: NOEOLIIP								

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	8082 nt ID: GC58		1	1 mL	1 mL	371638	10/09/23 01:25	W8MO	EET CAL 4
Total/NA	Prep	3050B			2.02 g	50 mL	372221	10/10/23 11:05	GYR8	EET CAL 4
Total/NA	Analysis Instrumer	6010B nt ID: ICP10		5			372451	10/10/23 19:00	P1R	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			372377	10/10/23 16:00	KZX6	EET CAL 4

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

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrumer	nt 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**

Lab Sample ID: 570-155657-12

Lab Sample ID: 570-155657-13

Prep Type Total/NA Total/NA	Batch Type Prep Analysis Instrumer	Batch Method 3050B 6010B at ID: ICP11	Run	Dil Factor	Initial Amount 2.00 g	Final Amount 50 mL	Batch Number 372509 372786	Prepared or Analyzed 10/11/23 07:21 10/11/23 16:08	Analyst GYR8 VZ0K	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			372377	10/10/23 16:00	KZX6	EET CAL 4

Client Sample ID: B-33 @ 2.5'

Date Collected: 10/05/23 09:15

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	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrumen	t ID: NOFOLIIP								

Client Sample ID: B-34 @ 0.5'

Date Collected: 10/05/23 09:00

Total/NA

Date Collecte	u. 10/03/23	09.00							IVIC	atrix. Solid	
Date Received	d: 10/06/23 (09:30									
_	Batch	Batch		Dil	Initial	Final	Batch	Prepared			
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	3050B			1.99 g	50 mL	372509	10/11/23 11:22	GYR8	EET CAL 4	

5

Instrument ID: ICP11 Total/NA Analysis Composite

Analysis

372509 10/11/23 11:22 GYR8 EET CAL 4 372786 10/11/23 16:10 VZ0K EET CAL 4

10/09/23 13:49 KZX6

371926

Instrument ID: NOEQUIP

6010B

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EET CAL 4

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Project/Site. SCOS-06.0

Lab Sample ID: 570-155657-14

Matrix: Solid

Date Collected: 10/05/23 09:00 Date Received: 10/06/23 09:30

Client Sample ID: B-34 @ 2.5'

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrumen	t ID: NOFOLIIP								

Client Sample ID: B-35 @ 0.5'

Lab Sample ID: 570-155657-15

Date Collected: 10/05/23 08:55 Matrix: Solid

Date Received: 10/06/23 09:30

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B at ID: ICP10		5			372451	10/10/23 19:03	P1R	EET CAL 4
Total/NA	Analysis Instrumer	Composite at ID: NOEQUIP		1			371926	10/09/23 13:49	KZX6	EET CAL 4

Client Sample ID: B-35 @ 2.5' Lab Sample ID: 570-155657-16

Date Collected: 10/05/23 08:55 Matrix: Solid

Date Received: 10/06/23 09:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrumen	t ID: NOEQUIP								

Client Sample ID: B-36 @ 0.5'

Date Collected: 10/05/23 08:50

Lab Sample ID: 570-155657-17

Matrix: Solid

Date Collected: 10/05/23 08:50 Date Received: 10/06/23 09:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B nt ID: ICP10		5			372451	10/10/23 19:05	P1R	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4

Client Sample ID: B-36 @ 2.5'

Lab Sample ID: 570-155657-18

Date Collected: 10/05/23 08:50 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	Analysis	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4
	Instrumer	t ID: NOFOLIE								

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11

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14

15

Matrix: Solid

10/12/2023

Client: PlaceWorks, Inc.

Project/Site: SCUS-08.0

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

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B nt ID: ICP10		5			372451	10/10/23 19:08	P1R	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			371926	10/09/23 13:49	KZX6	EET CAL 4

Client Sample ID: B-37 @ 2.5' Lab Sample ID: 570-155657-20

Date Collected: 10/05/23 08:40 Date Received: 10/06/23 09:30

Batch Batch Dil Initial Final Batch **Prepared** Method Number or Analyzed **Prep Type** Type **Factor Amount** Amount Run Analyst Lab 371926 10/09/23 13:51 KZX6 Total/NA EET CAL 4 Analysis Composite Instrument ID: NOEQUIP

Client Sample ID: B-38 @ 0.5' Lab Sample ID: 570-155657-21

Date Collected: 10/05/23 08:30 Date Received: 10/06/23 09:30

Dil Batch **Batch** Initial Final **Batch Prepared Prep Type** Type Method Factor Amount Number or Analyzed Run Amount Analyst Lab Total/NA 3050B 372221 10/10/23 11:05 GYR8 Prep 1.99 g 50 mL EET CAL 4 Total/NA 6010B 372451 10/10/23 19:10 P1R Analysis 5 **EET CAL 4** Instrument ID: ICP10 Total/NA Analysis **EET CAL 4** Composite 371926 10/09/23 13:49 KZX6 Instrument ID: NOEQUIP

Client Sample ID: B-38 @ 2.5' Lab Sample ID: 570-155657-22

Date Collected: 10/05/23 08:30 Date Received: 10/06/23 09:30

Batch Dil Initial Final Batch Batch Prepared Method Number or Analyzed **Prep Type** Type Run **Factor Amount Amount** Analyst Lab EET CAL 4 Total/NA Analysis Composite 371926 10/09/23 13:51 KZX6 Instrument ID: NOEQUIP

Client Sample ID: B-39 @ 0.5' Lab Sample ID: 570-155657-23

Date Collected: 10/05/23 08:25 Date Received: 10/06/23 09:30

Prep Type Total/NA	Batch Type Prep	Batch Method 3050B	Run	Dil Factor	Amount 2.01 g	Final Amount 50 mL	Batch Number 372221	Prepared or Analyzed 10/10/23 11:05		Lab EET CAL 4
Total/NA	Analysis Instrumen	6010B at ID: ICP10		5			372451	10/10/23 19:12	P1R	EET CAL 4
Total/NA	Analysis Instrumen	Composite at ID: NOEQUIP		1			371926	10/09/23 13:49	KZX6	EET CAL 4

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Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Client Sample ID: B-39 @ 2.5'

Date Collected: 10/05/23 08:25

Lab Sample ID: 570-155657-24

Matrix: Solid

Date Received: 10/06/23 09:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:51	KZX6	EET CAL 4
	Inctrumon	FID: NOEOLIID								

Lab Sample ID: 570-155657-25 Client Sample ID: B-40 @ 0.5'

Date Collected: 10/05/23 07:27 Date Received: 10/06/23 09:30

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type Amount** Amount Number or Analyzed Type Run **Factor** Analyst Lab Total/NA 3546 20.07 g 10 mL 371369 10/06/23 16:50 E5RH EET CAL 4 Prep Total/NA Analysis 8082 1 mL 371638 10/09/23 01:44 OM8W EET CAL 4 1 mL 1 Instrument ID: GC58 Total/NA 3050B EET CAL 4 Prep 1.97 g 50 mL 372221 10/10/23 11:05 GYR8 Total/NA Analysis 6010B 5 10/10/23 19:15 P1R EET CAL 4 372451 Instrument ID: ICP10 Total/NA Analysis Composite 372212 10/10/23 10:44 KZX6 **EET CAL 4** Instrument ID: NOEQUIP

Client Sample ID: B-40 @ 2.5' Lab Sample ID: 570-155657-26 **Matrix: Solid**

Date Collected: 10/05/23 07:27 Date Received: 10/06/23 09:30

Dil Batch Batch Initial Final Batch Prepared **Prep Type** Method **Amount** Amount Number or Analyzed Type Run **Factor** Analyst Lab Total/NA Analysis Composite 371926 10/09/23 13:51 KZX6 EET CAL 4 Instrument ID: NOEQUIP

Client Sample ID: B-41 @ 0.5' Lab Sample ID: 570-155657-27

Date Collected: 10/05/23 07:25 Date Received: 10/06/23 09:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	W8MO	EET CAL 4
	Instrumen	it 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
	Instrumen	t ID: ICP10								
Total/NA	Analysis	Composite		1			372212	10/10/23 10:44	KZX6	EET CAL 4
	Instrumen	t ID: NOEQUIP								

Client Sample ID: B-41 @ 2.5' Lab Sample ID: 570-155657-28

Date Collected: 10/05/23 07:25 **Matrix: Solid** Date Received: 10/06/23 09:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	Composite		1			371926	10/09/23 13:51	KZX6	EET CAL 4
	Instrument	ID: NOEQUIP								

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Matrix: Solid

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Instrumer	6010B nt ID: ICP10		5			372451	10/10/23 19:24	P1R	EET CAL 4
Total/NA	Analysis Instrumer	Composite		1			372212	10/10/23 10:44	KZX6	EET CAL 4

Client Sample ID: B-42 @ 2.5' Lab Sample ID: 570-155657-30

Date Collected: 10/05/23 07:30 Date Received: 10/06/23 09:30

Batch Batch Dil Initial Final Batch **Prepared** Method Number or Analyzed **Prep Type** Type **Factor Amount** Amount Run Analyst Lab 371926 10/09/23 13:51 KZX6 EET CAL 4 Total/NA Analysis Composite Instrument ID: NOEQUIP

Client Sample ID: B-43 @ 0.5' Lab Sample ID: 570-155657-31

Date Collected: 10/05/23 07:40 Date Received: 10/06/23 09:30

Dil Batch **Batch** Initial Final **Batch Prepared Prep Type** Type Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 3050B 372221 10/10/23 11:05 GYR8 Prep 1.96 g 50 mL EET CAL 4 Total/NA 6010B 372451 10/10/23 19:27 P1R Analysis 5 **EET CAL 4** Instrument ID: ICP10 Total/NA Analysis 372212 10/10/23 10:44 KZX6 **EET CAL 4** Composite Instrument ID: NOEQUIP

Client Sample ID: B-43 @ 2.5' Lab Sample ID: 570-155657-32

Date Collected: 10/05/23 07:40 Date Received: 10/06/23 09:30

Batch Dil Initial Final Batch Batch Prepared Method Number or Analyzed **Prep Type** Type Run **Factor Amount Amount** Analyst Lab Total/NA Analysis Composite 371926 10/09/23 13:51 KZX6 EET CAL 4 Instrument ID: NOEQUIP

Client Sample ID: EB 10.05.23 Lab Sample ID: 570-155657-33

Date Collected: 10/05/23 10:15 Date Received: 10/06/23 09:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt 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	W8MO	EET CAL 4
	Instrumer	nt ID: GC58								

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10

Matrix: Solid

Matrix: Water

2

10

Job ID: 570-155657-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumen	t ID: ICP11								

Initial

Amount

20.11 g

1 mL

Dil

Factor

Run

Client Sample ID: B-28, B-29, B30 @ 0.5' Composite

Batch

3546

8081A

Instrument ID: GC52A

Method

Date Collected: 10/05/23 10:15 Date Received: 10/06/23 09:30

Batch

Type

Prep

Analysis

Lab Sample ID: 570-155657-34

Matrix: Solid

Final Batch Prepared Number Amount or Analyzed Analyst Lab 371809 10/09/23 10:54 E5RH 10 mL EET CAL 4 1 mL 372674 10/11/23 14:53 N5Y3 **EET CAL 4**

Client Sample ID: B-28, B-29, B30 @ 2.5' Composite

Date Collected: 10/05/23 00:00

Lab Sample ID: 570-155657-35

Lab Sample ID: 570-155657-36

Lab Sample ID: 570-155657-37

Matrix: Solid

Matrix: Solid

Matrix: Solid

Date Received: 10/06/23 09:30

Prep Type

Total/NA

Total/NA

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Type Method Run **Factor Amount** Amount Number 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 mL 372674 10/11/23 15:08 N5Y3 EET CAL 4 1 mL Instrument ID: GC52A

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: GC52A								

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

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
	Instrumer	t ID: GC52A								

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10

Job ID: 570-155657-1

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

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

Matrix: Solid

Matrix: Solid

Matrix: Solid

Dil Initial Batch Batch Batch Final Prepared Method Number or Analyzed **Prep Type** Type Run **Factor Amount** Amount Analyst Lab Total/NA 3546 371809 10/09/23 10:54 EET CAL 4 Prep 20.00 g 10 mL E5RH Total/NA 8081A 372674 10/11/23 15:50 N5Y3 EET CAL 4 Analysis 1 mL 1 mL Instrument ID: GC52A

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

Lab Sample ID: 570-155657-41

Dil Initial Final Batch **Batch** Batch Prepared Method Number **Prep Type** Type Run **Factor** Amount Amount or Analyzed Analyst Lab E5RH Total/NA 3546 371809 10/09/23 10:54 Prep 20.05 g 10 mL EET CAL 4 Total/NA Analysis 8081A 1 mL 372674 10/11/23 16:05 N5Y3 **EET CAL 4** 1 mL 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 Date Received: 10/06/23 09:30

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Type Method Run **Factor** Amount Amount Number 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 mL 372674 10/11/23 16:19 N5Y3 EET CAL 4 1 mL Instrument ID: GC52A

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Client Sample ID: B-40, B-41, B42 @ 0.5' Composite Lab Sample ID: 570-155657-42

Date Collected: 10/05/23 00:00 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
	Instrumer	nt ID: GC52A								

Eurofins Calscience

Lab Chronicle

Client: PlaceWorks, Inc. Job ID: 570-155657-1

Project/Site: SCUS-08.0

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	t 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: 570-155657-1

Project/Site: SCUS-08.0

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

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Method Summary

Client: PlaceWorks, Inc.
Project/Site: SCUS-08.0

Method **Method Description** Protocol Laboratory 8081A SW846 EET CAL 4 Organochlorine Pesticides (GC) 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography SW846 EET CAL 4 6010B SW846 EET CAL 4 Metals (ICP) Composite Sample Compositing None EET CAL 4 3005A Preparation, Total Recoverable or Dissolved Metals SW846 EET CAL 4 3050B SW846 Preparation, Metals EET CAL 4 3510C Liquid-Liquid Extraction (Separatory Funnel) SW846 EET CAL 4

Protocol References:

Microwave Extraction

None = None

3546

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

Job ID: 570-155657-1

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EET CAL 4

SW846

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Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Job ID: 570-155657-1

10/06/23 09:30	10/05/23 00:00	Solid	B-40, B-41, B42 @ 2.5' Composite	570-155657-43
10/06/23 09:30	10/05/23 00:00	Solid	(8)	570-155657-42
10/06/23 09:30	10/05/23 00:00	Solid	B-37, B-38, B39 @ 2.5' Composite	570-155657-41
10/06/23 09:30	10/05/23 00:00	Solid	B-37, B-38, B39 @ 0.5' Composite	570-155657-40
10/06/23 09:30	10/05/23 00:00	Solid	B-34, B-35, B36 @ 2.5' Composite	570-155657-39
10/06/23 09:30	10/05/23 00:00	Solid	B-34, B-35, B36 @ 0.5' Composite	570-155657-38
10/06/23 09:30	10/05/23 00:00	Solid	2.5	570-155657-37
10/06/23 09:30	10/05/23 00:00	Solid	0.5	570-155657-36
10/06/23 09:30	10/05/23 00:00	Solid	B-28, B-29, B30 @ 2.5' Composite	570-155657-35
10/06/23 09:30	10/05/23 10:15	Solid	B-28, B-29, B30 @ 0.5' Composite	570-155657-34
10/06/23 09:30	10/05/23 10:15	Water	EB 10.05.23	570-155657-33
10/06/23 09:30	10/05/23 07:40	Solid	B-43 @ 2.5'	570-155657-32
10/06/23 09:30	10/05/23 07:40	Solid	B-43 @ 0.5'	570-155657-31
10/06/23 09:30	10/05/23 07:30	Solid	B-42 @ 2.5'	570-155657-30
10/06/23 09:30	10/05/23 07:30	Solid	B-42 @ 0.5'	570-155657-29
10/06/23 09:30	10/05/23 07:25	Solid	B-41 @ 2.5'	570-155657-28
10/06/23 09:30	10/05/23 07:25	Solid	B-41 @ 0.5'	570-155657-27
10/06/23 09:30	10/05/23 07:27	Solid	B-40 @ 2.5'	570-155657-26
10/06/23 09:30	10/05/23 07:27	Solid	B-40 @ 0.5'	570-155657-25
10/06/23 09:30	10/05/23 08:25	Solid	B-39 @ 2.5'	570-155657-24
10/06/23 09:30	10/05/23 08:25	Solid	B-39 @ 0.5'	570-155657-23
10/06/23 09:30	10/05/23 08:30	Solid	B-38 @ 2.5'	570-155657-22
10/06/23 09:30	10/05/23 08:30	Solid	B-38 @ 0.5'	570-155657-21
10/06/23 09:30	10/05/23 08:40	Solid	B-37 @ 2.5'	570-155657-20
10/06/23 09:30	10/05/23 08:40	Solid	B-37 @ 0.5'	570-155657-19
10/06/23 09:30	10/05/23 08:50	Solid	B-36 @ 2.5'	570-155657-18
10/06/23 09:30	10/05/23 08:50	Solid	B-36 @ 0.5'	570-155657-17
10/06/23 09:30	10/05/23 08:55	Solid	B-35 @ 2.5'	570-155657-16
10/06/23 09:30	10/05/23 08:55	Solid	B-35 @ 0.5'	570-155657-15
10/06/23 09:30	10/05/23 09:00	Solid	B-34 @ 2.5'	570-155657-14
10/06/23 09:30	10/05/23 09:00	Solid	B-34 @ 0.5'	570-155657-13
10/06/23 09:30	10/05/23 09:15	Solid	B-33 @ 2.5'	570-155657-12
10/06/23 09:30	10/05/23 09:15	Solid	B-33 @ 0.5'	570-155657-11
10/06/23 09:30	10/05/23 09:20	Solid	B-32 @ 2.5'	570-155657-10
10/06/23 09:30	10/05/23 09:20	Solid	B-32 @ 0.5'	570-155657-9
10/06/23 09:30	10/05/23 09:25	Solid	B-31 @ 2.5'	570-155657-8
10/06/23 09:30	10/05/23 09:25	Solid	B-31 @ 0.5'	570-155657-7
10/06/23 09:30	10/05/23 09:30	Solid	B-30 @ 2.5'	570-155657-6
10/06/23 09:30	10/05/23 09:30	Solid	B-30 @ 0.5'	570-155657-5
10/06/23 09:30	10/05/23 09:35	Solid	B-29 @ 2.5'	570-155657-4
10/06/23 09:30	10/05/23 09:35	Solid	B-29 @ 0.5'	570-155657-3
10/06/23 09:30	10/05/23 09:40	Solid	B-28 @ 2.5'	570-155657-2
10/06/23 09:30	10/05/23 09:40	Solid	B-28 @ 0.5'	570-155657-1
Received	Collected	Matrix	Client Sample ID	Lab Sample ID

eurofins

COC No:

Page:

Carrier Tracking No(s):

State of Origin:

Environment Testing

Ver: 01/16/2019

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Company: PlaceWorks, Inc.	1		PWSID:	1-9			,		A ===	hraia	Dog.	ested				Job#:			
Address: 2850 Inland Empire Blvd Ste B	Due Date Reques	ted:	1						Alla	iysis	Requ	lested				Preservation Co	des: M - Hexane		
City: Ontario	TAT Requested (d	lays): 1 0-d e	4e3 00	≈ 5												A - HCL B - NaOH C - Zn Acetate	N - None O - AsNaO2 P - Na2O4S		
State, Zip; CA, 91764	Compliance Proje	ct: A Yes	Δ Νο													D - Nitric Acid E - NaHSO4	Q - Na2SO3 R - Na2S2O3		
Phone: 909-579-9161(Tel)	PO #: SCUS-08.0					Н										F - MeOH G - Amchlor H - Ascorbic Acid	S - H2SO4 T - TSP Dodec	ahydrate	
Email: mwatson@placeworks.com	wo#:	-			Í		.								ė	I - Ice J - DI Water	U - Acetone V - MCAA W - pH 4-5		
Project Name: SCUS-08.0	Project #:						,								taine	K - EDTA L - EDA	Y - Trizma Z - other (speci	fv)	1
Site: Oak Ridge Elementary School	ssow#:					E									of dom	Other:	2 outer (open	•••	
1		Sample	Sample Type (C≃comp,	Matrix (W=water, S=solid, O=waste/oil,	Field Filtered S Perform MS/M:	EPA 8081A	EPA 8082	6010B	EPA 6010B Lead						Total Number				
Sample Identification	Sample Date	Time		BT=Tissue, A=Air)	正直	iii	-	± 1	<u>.</u>				55 850	15. 6	12	Special In	structions/No	ote:	
	1015		-	SOR		-4										C = Composite Sa	ample		
B-28 @ 0.5	1	9:40	G	Solid		С	х	\neg	x						9	D = Discrete Sam archived for possi			
B-28@ 2.5'		9:43	G	Solid		С									-	DUP = Duplicate	Die latare analy	515	
B-29 @ 0.5'		9:35	G	Solid		С	х	\top	x							EB = Equipment (Blank		1
B-29 @ 2.5'		9:35	G	Solid		С					\top								
B-30 @ 0.5'		9:30	G	Solid		С	x		x										1
B-30 @ 2.5'		9:30	G	Solid		С						T							
B-31 @ 0.5'		4125	G	Solid		С	х		х										
B-31 @ 2.5'		4:25	G	Solid		С													
B-32 @ 0.5'		9:20	G	Solid		С	х		х							570-	155657 Ch	ain of C	ustody
B-32 @ 2.5'	V	9:20	G	Solid	П	С													
Possible Hazard Identification Non-Hazard Flammable Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify)	Poison B Unkn	own P] Radiological		(Re	eturn	To C	lient	Requir	\Box_{D_i}	isposal		les are	1	ined longer than chive For	1 month) Months		
Empty Kit Relinquished by:		Date:			Time:		$\overline{\mathbf{x}}$				_		od of Shipm	ent:					1
Delinevished by	Date/Time:	L	<i>i</i> 0	Company	-	Recei	ived	y, \	1				Date/		10	2 1042	Company	A 4	1
Relinquished by Relinquished by	Date/Time: 10:5-2	,	630	Company EETC			ived by	A. Q		DAGE.	2019	L	Date/	Time:	25	1047	Company	***	
Relinquished by	Date/Time:			Company		Recei	ived by	y:	1		CALL.		Date/			4010	Company		
Custody Seals Intact: Δ Yes Δ No Custody Seal No.:		-119		4 4		Coole	r Terr	nperatu	ıre(s) °	C and O	ther Re	marks	2.9	12.	8	SCIZ			

Chain of Custody Record

Thompson, Lori

Lori.Thompson@et.eurofinsus.com

E-Mail:

Sampler: Miles Barker

Phone: (909) 579-9161

Eurofins Calscience 2841 Dow Avenue, Suite 100

Tustin, CA 92780

Phone (714) 895-5494

Client Information
Client Contact:
Mike Watson

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Environment Testing

Client Information		Thon				, Lori						anner m	acking No	(5).		COC No.			
Client Contact: Mike Watson	Phone: (909) 579-	il: Thomp	son@	⊉et.eı	urofin	isus.c	om	- 1	tate of C	rigin:			Page:						
Company: PWSID: PlaceWorks, Inc.											Regu	uested				Job#:			
Address:	Due Date Reques	ted:					П	Т	7110]			i T			Preservation Cod			
2850 Inland Empire Blvd Ste B	TAT Requested (lays):							- 1							A - HCL B - NaOH	M - Hexane N - None		
Ontario State, Zip:		10 days 3 D/475													30	C - Zn Acetate D - Nitric Acid	O - AsNaO2 P - Na2O4S		
CA, 91764	Compliance Proje															E - NaHSO4	Q - Na2SO3 R - Na2S2O3		
Phone: 909-579-9161(Tel)	PO#: SCUS-08.0				8											F - MeOH G - Amchlor	S - H2SO4 T - TSP Dodecahyo		
Email:	WO #:	SCUS-08.0 Wo#:														H - Ascorbic Acid I - Ice	U - Acetone V - MCAA		
nwatson@placeworks.com Project Name:	Project #:				3.7 5.7									1		J - DI Water K - EDTA	W - pH 4-5 Y - Trizma		
SCUS-08.0					E COM											L - EDA	Z - other (specify)		
Site: Oak Ridge Elementary School	ssow#:	SSOW#:							Ţ							Other:			
			Sample Type	Matrix (w=water,		8081A	82	6010B	6010B Lead						Petal-Muniba				
		Sample	(C=comp,	S=solid, O=waste/oil,	No.	EPA 80	EPA 8082	EPA 60	EPA 60						1				
Sample Identification	Sample Date	Time		BT=Tissue, A=Air)											15	Special Ins	tructions/Note:		
3-38 @ 2.5'	10/5	8130	G	Solid		С		-	2019			-				C = Composite Sar	mple		
3-39 @ 0.5'	10/-	8:25	G	Solid	Н	С		-	x		\vdash	+		+		D = Discrete Samp			
3-39 @ 2.5'					-	-	-	-+	^		-					archived for possib DUP = Duplicate	le future analysis		
		8:25	G	Solid	₩	С	-	_	+		_				X	EB = Equipment BI			
3-40 @ 0.5'		7:27	G	Solid	Щ.	С	X		X		\perp					LB - Equipment bi	GI IN		
3-40 @ 2.5'		7:27	G	Solid	Ш	С													
3-41 @ 0.5'		7:25	G	Solid	Ш	c	х		x										
3-41 @ 2.5'		7:25	G	Solid	П	С									1				
3-42 @ 0.5'		7:30	G	Solid		С		+	x						55				
3-42 @ 2.5'	- 	7:30	G	Solid	H	С	\dashv	\dashv	+	+		+	\vdash	+		<u> </u>			
3-43 @ 0.5			G	Solid	╟	С	+	+	x	+	+	_	_	+			-		
	- /	7:40			₩			-	^	+	-			 					
3-43 @ 2.5	I V	7:40	G	Solid	Ц	С		Ц.			\perp			ــلــلــ					
Possible Hazard Identification Non-Hazard Flammable Skin Irritant	Poison B Unkn	🖵	Radiological		Sa		Disp eturn			e may			d if sam Bv Lab	iples are	1	ined longer than			
Deliverable Requested: I, II, III, IV, Other (specify)	POISON B CITAL	OWII P	Kaulological	***************************************	Spe					Requir			By Lab		Ar	chive For	Months		
mpty Kit Relinquished by:		Date:			Time:		-		-			Meth	od of Ship	ment:					
olinguished by:	Date/Time:		· · · · · ·	Company		Rece	ived by	: \	DI	1				e/Time:	.[Company		
telinquished by Mellinguished by	_	5 10!	42	PLACE	esk		X	\mathcal{N}	V	<u> </u>	_				12	3 1042	Company S/		
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lelinquished by:				Company			ived by					-	10.1	e/Time:	_	0930	Company		

Chain of Custody Record

Eurofins Calscience

2841 Dow Avenue, Suite 100

Tustin, CA 92780 Phone (714) 895-5494

13

ient Information	Sampler: Miles Bai	ker		Lab F Tho		n, Lori					C	arrier Tracking	No(s):		CO	OC No:	
ent Contact: ke Watson	Phone: (909) 579-	9161		E-Ma	ill:	pson@	et.e	ırofins	sus.co	m	SI	tate of Origin:			Pag	je:	
npany: iceWorks, Inc.			PWSID:			,,,,,,	,				enii	ested			Job)#:	
ress: 50 Inland Empire Blvd Ste B	Due Date Reques	ted:	·				Т	Ť	1					7		eservation Cod	les: M - Hexane
tario	TAT Requested (c	lays): _ 10 de	*30A	ズ											B - C -	- HCL - NaOH - Zn Acetate - Nitric Acid	N - None O - AsNaO2 P - Na2O4S
91764	Compliance Proje			-										-	E-	- NaHSO4 - MeOH	Q - Na2SO3 R - Na2S2O3
ne: 9-579-9161(Tel)	FO #: \$CUS-08.0				6											- Amchlor - Ascorbic Acid	S - H2SO4 T = TSP Dodecahydrate
ail: vatson@placeworks.com	VVO #:				TOTAL										1 - i	DI Water	U - Acetone V - MCAA W - pH 4-5
ect Name: US-08.0	Project #:				MOGIN	_	ŀ							telling		EDTA EDA	Y - Trizma Z - other (specify)
: Oak Ridge Elementary School	ssow#:							Oth	her:								
mple Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, IT=Tissue, A=Air)	Field Filtered S	EPA 8081A	EPA 8082	EPA 6010B						Total Number	Section 1	Special In:	structions/Note:
	estableto francis		Preservat			1		100							i i		
3 @ 0.5'	10/5	9:15	G	Solid	Ш	С		,	(Š		Composite Sa	
3 @ 2.5		9:15	G	Solid		С									arch	thived for possib	ole; - Sample will be ole future analysis
4 @ 0.5'		9160	G	Solid	Ш	С		>	(3	DUI	JP = Duplicate	
4 @ 2.5'		91,00	G	Solid		С								11	EB	= Equipment B	llank
5 @ 0.5'		8155	G	Solid	Ш	С		>						177	20		
5 @ 2.5'		9:55	G	Solid		С											
6 @ 0.5'		4:54	G	Solid		С		>						40			
6 @ 2.5'		91.50	G	Solid		С				.36							
7 @ 0.5		4:40	G	Solid	Ш	С	4	>	(
7 @ 2.5'		8:40	G	Solid	Щ	С									- 1		
8 @ 0.5'		8:30	G	Solid		С		>									
ssible Hazard Identification Non-Hazard Flammable Skin iverable Requested: I, II, III, IV, Other (specification)	Irritant Poison B Unkn	own F	Radiological				turn	To Cli	ent		□ _{Di}	sposal By L	. г			d longer than ve For	1 month) Months
pty Kit Relinquished by:		Date:			Time	:	n		_			Method of	Shipment:	-			
equished by:	Date/Time:	5 (076	R 1	ompany	æ	Recei	4	M	Ŵ			. /	Date/Time:	fi:	2	1042	Company Suc
	105-2	3 16		ETZ	A			7		10	162	alt	101	6/2	3 1	0920	Company
nquished by:	Date/Time:			ompany		Recei	ed by			11/	0		Date/Time:			, ,	Company
ustody Seals Intact: Custody Seal No.:			11110000	Jing et	di	Coole	Tem	peratur	e(s) °C	and Oth	er Rei	marks:	111111111			3	7 1 Te a 7

Eurofins Calscience

Eurofins Calscience

2841 Dow Avenue, Suite 100 Tustin, CA 92780 **Chain of Custody Record**

eurofins

Environment Testing

Sampler: Lab PM: Carrier Tracking No(s):	
Client Information Client Contact: Phone: Sample: Client Space Thompson, Lori E-Mail: State of Origin:	COC No:
Client Contact: Mike Watson Phone: E-Mail: State of Origin: Lori.Thompson@et.eurofinsus.com	Page: Page 1 of 5
Company: PlaceWorks, Inc. Page Months Analysis Requested	Job #:
Address: Due Date Requested:	Preservation Codes:
2850 Inland Empire Blvd Ste B	A - HCL M - Hexane N - None
2850 Inland Empire Blvd Ste B City: Ontario TAT Requested (days): 10 days 3 PAG	B - NaOH O - AsNaO2
	D - Nitric Acid Q - Na2SO3
State, Zip: CA, 91764 Compliance Project: Δ Yes Δ No Phone: PO #: SC±9 68.6 SC-S - SC-S SC	F - MeOH R - Na2S203
	G - Amchlor H - Ascorbic Acid U - Acetone
Email: mwatson@placeworks.com	I - ICE V - MCAA
mwatson@placeworks.com Project Name: Site: SSOW#: Project #: 57040456 Site: SSOW#:	W - pH 4-5 K - EDTA Y - Trizma L - EDA 7 - Trizma
Project Name: Project #: 5704666 Site: SSOW#:	Z - otner (specify)
Site: SSOW#:	Other:
Sample Identification Wow Sample Date	Special Instructions/Note:
Sample Identification Sample Date Sample G=grab BT-Tissue, A-Adr Sample Sam	Special Instructions/Note:
Preservation Code.	opecial instructions/rote.
EB 10,05,23 10/5 10/15 Sale XXXX	LR = FULDANTIT
	BLANCK
	BLANCK
	0.00
Selid Selid	
Salie Salie	
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Selid Selid	
Solid Solid	
Possible Hazard Identification Sample Disposal (A fee may be assessed if samples are retai	ined longer than 1 month)
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological Return To Client Disposal By Lab	chive For Months
Deliverable Requested: I, II, III, IV, Other (specify) Special Instructions/QC Requirements:	
Empty Kit Relinquished by: Date: Time: 6 Method of Shipment:	
Relinquished by: Date/Time: Company Received by Date/Time:	Company
1075 10242 Company	
Date/Time: Company Received by Date/Time:	Company
10.5-72 1620 EFTCA	
Relinquished by: Date/Time: 10/5 (0'.42 Company Received by Date/Time: 10/5 (0'.42 Company Received by Date/Time: 10/5 - 7.3 (6.30 Company Received by Date/Time: 10/5 - 7.3 (6.30 Company Received by Date/Time: 10/6/2 Company Comp	Company

Ver: 01/16/2019 10/12/2023

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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' 2.5' - 3.0'	Former Agriculture	С		2D (A-1, A-6)	2D (A-1, A-6)
	0' - 0.5'		C DUP	 	D DUP (A-1 DUP)	2D DUP (A-1 DUP, A-6 DUP
A-1 DUP, A-6 DUP	2.5' - 3.0'	Duplicate	-		- BBI (A-1 BBI)	
A-2, A-3	0' - 0.5'	Former Agriculture	С		2D (A-2, A-3)	2D (A-2, A-3)
	2.5' - 3.0' 0' - 0.5'		- C			-
A-4, A-5	2.5' - 3.0'	Former Agriculture	•		2D (A-4, A-5)	2D (A-4, A-5)
A-7, A-8	0' - 0.5'	Former Agriculture	С		2D (A-7, A-8)	2D (A-7, A-8)
	2.5' - 3.0'		<u> </u>			
B-1, B-2, B-3	0' + 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C C	3D (B-1, B-2, B-3)		3D (B-1, B-2, B-3)
D. 1. D. 5. D. 0.	0' - 0.5'	Existing Building	C	3D (B-4, B-5, B-6)		3D (B-4, B-5, B-6)
B-4, B-5, B-6	2.5' - 3.0'	Predating 1978	С			-
B-7, B-8	0' - 0.5'	Existing Building	C	2D (B-7, B-8)		2D (B-7, B-8)
	2.5' - 3.0' 0' - 0.5'	Predating 1978	C DUP	2D DUP (B-7 DUP, B-8 DUP)		4D DI ID /B 7 DI ID B 4 DI ID
B-7 DUP, B-8 DUP	2.5' - 3.0'	Duplicate	C DUP	25 BOF (B-7 BOP, B-8 BOP)		2D DUP (B-7 DUP, B-8 DUP
B-9, B-10	0' - 0.5'	Existing Building	С	2D (B-9, B-10)		2D (B-9, B-10)
D-9, D-10	2.5' - 3.0'	Predating 1978	С	-		
B-9 DUP, B-10 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate	C DUP			2D DUP (B-9 DUP, B-10 DU
	0' - 0.5'	Existing Building	C DUP	3D (B-11, B-12, B-13)		3D (B-11, B-12, B-13)
B-11, B-12, B-13	2.5' - 3.0'	Predating 1978	C	3D (B-11, B-12, B-13)		3D (B-11, B-12, B-13)
B-14, B-15	0' - 0.5'	Existing Building	C	2D (B-14, B-15)		2D (B-14, B-15)
D-14, D-13	2.5' - 3.0'	Predating 1978	С			-
B-16, B-17, B-18	0' - 0.5'	Existing Building	С	3D (B-16, B-17, B-18)		3D (B-16, B-17, B-18)
	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C	D (B-19)		3D (B 10 B 00 B 01)
B-19, B-20, B-21	2.5' - 3.0'	Predating 1978	C	D (B-19)		3D (B-19, B-20, B-21)
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)
D-22, D-23, D-24	2.5' - 3.0'	Predating 1978	С			
B-25, B-26, B-27	0' - 0.5'	Existing Building	С	D (B-25)		3D (B-25, B-26, B-27)
	2.5' - 3.0'	Predating 1978 Existing Building	C	3D (B-28, B-29, B-30)		
B-28, B-29, B-30	2,5' - 3.0'	Predating 1978	C	3D (B-26, B-29, B-30)		3D (B-28, B-29, B-30)
B-31, B-32, B-33	0' - 0.5'	Existing Building	C	2D (B-31, B-32)	-	3D (B-31, B-32, B-33)
0-01, 0-02, 0-00	2.5' - 3.0'	Predating 1978	С			
B-34, B-35, B-36	0' - 0.5'	Existing Building	C			3D (B-34, B-35, B-36)
	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C C			2D /P 27 P 20 P 20)
B-37, B-38, B-39	2.5' - 3.0'	Predating 1978	C		-	3D (B-37, B-38, B-39)
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
D-40, D-41, D-42, D-43	2.5' - 3.0'	Predating 1978	С	-		
B-44, B-45	0' - 0.5'	Existing Building	С			
	2.5' - 3.0' 0' - 0.5'	Predating 1978 Existing Building	C	 		
B-46, B-47, B-48	2.5' - 3.0'	Predating 1978	C	 		
B-49, B-50, B-51	0' - 0.5'	Existing Building	С			
3-40, 0-30, 0-31	2.5' - 3.0'	Predating 1978	С			
B-52, B-53, B-54	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978	C			
	0' - 0.5'	Former Building Predating	C C	+		3D (B-55, B-56, B-57)
B-55, B-56, B-57	2.5' - 3.0'	1947	c	 		3D (D-33, D-30, B-3/)
B-58, B-59, B-60	0' - 0.5'	Former Building Predating	C			3D (B-58, B-59, B-60)
5 50, 5-00, 5-00	2.5' - 3.0'	1947	С			
T-1	0' - 0.5'	Pad-Mounted		D		
	2.5' - 3.0' 0' - 0.5'	Transformer		D DUP	-	
T-1 DUP	2.5' - 3.0'	Duplicate		DOOP	-	
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:

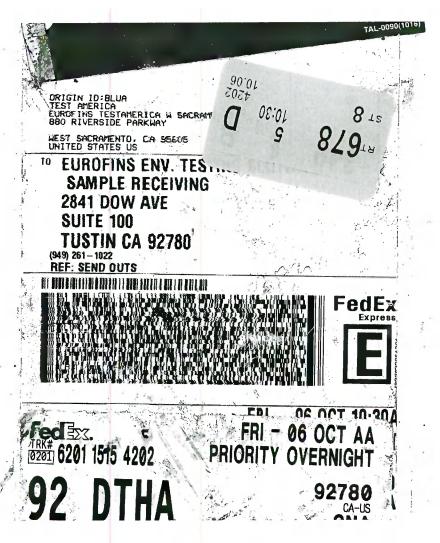
No lead samples are proposed for B-44 through B-54 due to the building being surrounded with hardscape.

C = Composite Sample: D = Discrete Sample; - Sample will be archived for possible future analysis;

DUP = Duplicate; EB = Equipment Blank

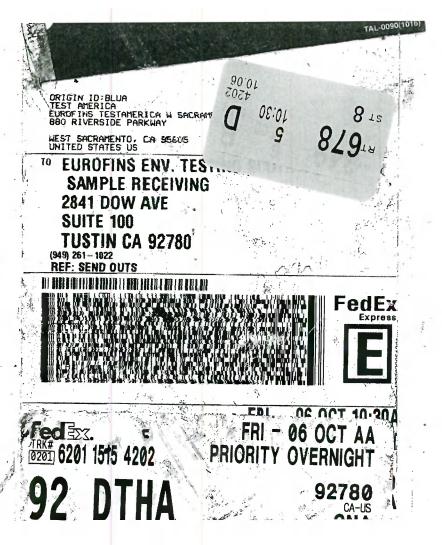
Field duplicates will be collected at a frequency of approximately 10 percent of the primary samples collected.

Equipment blanks will be collected at a frequency of one per day of field activities.





570-155657 Waybi



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Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-155657-1

Login Number: 155657 List Source: Eurofins Calscience

List Number: 1

Creator: Thompson, Lori

Creator: I nompson, Lori		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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	

3

4

1

9

11

40

14

15

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

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	I. 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

1.03E-07 Data Not Normal at 1% Significance Level 1% Shapiro Wilk P Value

Lilliefors Test Statistic 0.18 Lilliefors GOF Test

0.133 Data Not Normal at 1% Significance Level 1% Lilliefors Critical Value

Data Not Normal at 1% Significance Level

Assuming Normal Distribution

95% Normal UCL 95% UCLs (Adjusted for Skewness)

34.48 95% Adjusted-CLT UCL (Chen-1995) 95% Student's-t UCL 34.9 95% Modified-t UCL (Johnson-1978) 34.56

Gamma GOF Test

A-D Test Statistic 0.707 Anderson-Darling Gamma GOF Test

0.76 Detected data appear Gamma Distributed at 5% Significance Level 5% A-D Critical Value

K-S Test Statistic 0.124 Kolmogorov-Smirnov Gamma GOF Test

0.117 Data Not Gamma Distributed at 5% Significance Level 5% K-S Critical Value

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

0.611 Data appear Lognormal at 10% Significance Level 10% Shapiro Wilk P Value

Lilliefors Test Statistic 0.0836 Lilliefors Lognormal GOF Test

0.105 Data appear Lognormal at 10% Significance Level 10% Lilliefors Critical Value

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

Appendix D. IDW Action

Appendix

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TECHNICAL MEMORANDUM

November 8, 2023

Department of Toxic Substances Control

ADDRESS 8800 Cal Center Drive, Sacramento, CA 95826-3200

Letitia Shen, Hazardous Substances Engineer

Dr. Cathleen Fitzgerald, P.E.

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 ¹	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 ¹	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 ¹	South side of main building	10/3/2023	12.7
B-13 @ 0.5 ¹	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 Reside	ntial 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)
	Bottom	Dependent on XRF Analysis	D
D 50	West sidewall	0.5'	D
B-56	North sidewall	0.5'	D
	East sidewall	0.5'	D
	South sidewall	0.5'	D
	Bottom	Dependent on XRF Analysis	D
D 46	West sidewall	0.5'	D
B-16	North sidewall	0.5'	D
	East sidewall	0.5'	D
	South sidewall	0.5'	D
EB			

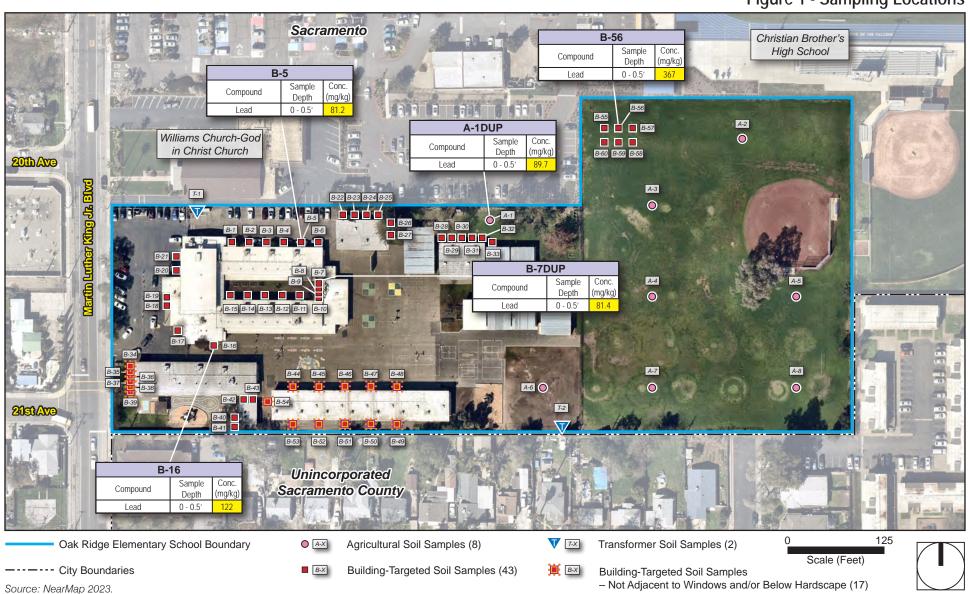
Notes

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

1. Introduction

Figure 1 - Sampling Locations









Meredith Williams, Ph.D., Director 8800 Cal Center Drive Sacramento, California 95826-3200

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.

November 28, 2023 Mr. Chris Ralston Page 2

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

Project Manager

Northern California Schools Unit

Site Mitigation and Restoration Program

Department of Toxic Substances Control

November 28, 2023 Mr. Chris Ralston Page 3

cc: (via email)

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Special Assistant to the Board
Sacramento City Unified School District
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TECHNICAL MEMORANDUM

DATE March 1, 2024

Department of Toxic Substances Control

ADDRESS 8800 Cal Center Drive, Sacramento, CA 95826-3200

Letitia Shen, Hazardous Substances Engineer

Dr. Cathleen Fitzgerald, P.E.

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.

Calle Fideral

Senior Engineer

Attachments



Tables

Table 1 – Summary Table of IDW Removal Action

Figures

Figure 1 – Excavation Results – B-16 Figure 2 – Excavation Results – B-56

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)
	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
B-16	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)
	Bottom	B-56	2.0'	11/20/2023	35.6
	West sidewall	B-56W	0.5'	11/20/2023	26.3
B-56	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.

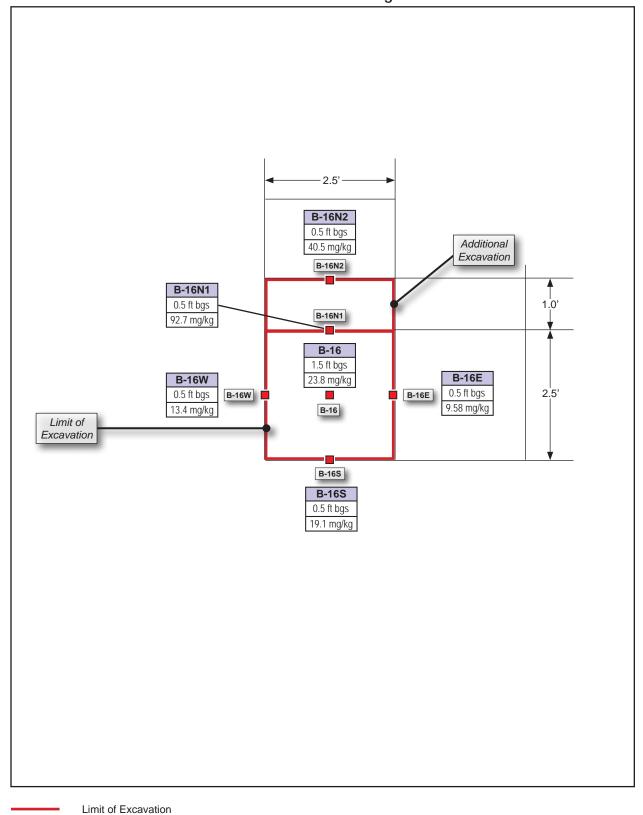


Figure 1 - Excavation Results — B-16

Source: PlaceWorks 2024.

Original Agricultural Sample Location (6)

■ B-16

Scale (Feet)

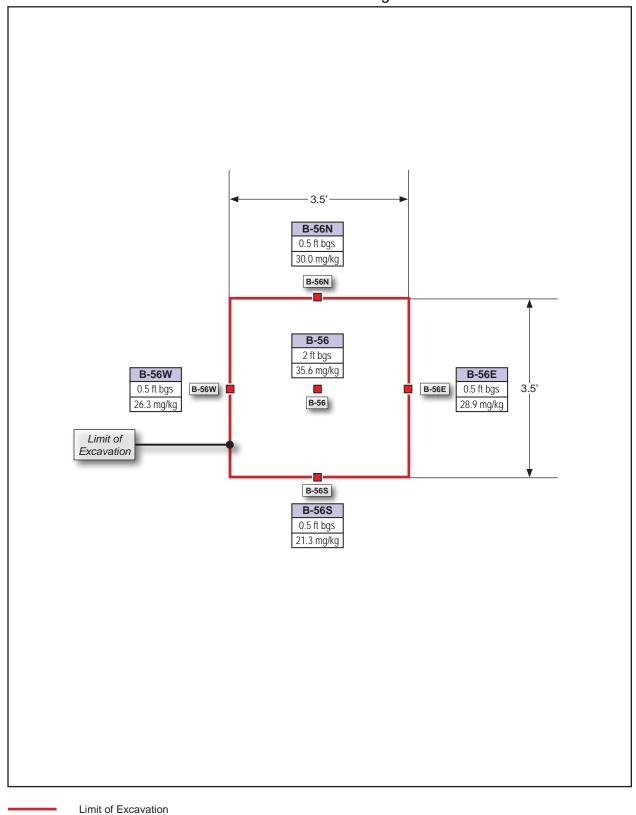


Figure 2 - Excavation Results — B-56

Source: PlaceWorks 2024.

Original Agricultural Sample Location (5)

■ B-56

Scale (Feet)



Attachment A

Laboratory Results

PREPARED FOR

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

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JOB DESCRIPTION

Oakridge ES

JOB NUMBER

570-161722-1

Eurofins Calscience 2841 Dow Avenue, Suite 100 Tustin CA 92780

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 11/27/2023 5:08:33 PM

Authorized for release by Lori Thompson, Project Manager I Lori.Thompson@et.eurofinsus.com (657)212-3035

13

14

Client: PlaceWorks, Inc. Project/Site: Oakridge ES

Laboratory Job ID: 570-161722-1

Table of Contents

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Definitions/Glossary

Client: PlaceWorks, Inc.

Job ID: 570-161722-1

Project/Site: Oakridge ES

Glossary

NEG POS

PQL PRES

QC

RER

RL RPD

TEF

TEQ TNTC Negative / Absent

Positive / Present
Practical Quantitation Limit

Presumptive

Quality Control

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)
Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

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)

Case Narrative

Client: PlaceWorks, Inc.

Job ID: 570-161722-1

Project/Site: Oakridge ES

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.

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Job ID: 570-161722-1

Client: PlaceWorks, Inc. Project/Site: Oakridge ES

Client Sample ID: E	3-16 Bottom Sample 1'			Lab Sample ID: 5	70-161722-1
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: E	3-16 SIDEWALL N 0.5'			Lab Sample ID: 5	70-161722-2
Analyte	Result Qualifier	RL	Unit	Dil Fac D Method	Prep Type
Lead	92.7	2.04	mg/Kg	5	Total/NA
Client Sample ID: E	3-16 SIDEWALL W 0.5'			Lab Sample ID: 5	70-161722-3
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: E	3-16 SIDEWALL S 0.5'			Lab Sample ID: 5	70-161722-4
Analyte	Result Qualifier	RL	Unit	Dil Fac D Method	Prep Type
Lead	19.1	1.97	mg/Kg	5	Total/NA
Client Sample ID: E	3-16 SIDEWALL E 0.5'			Lab Sample ID: 5	70-161722-5
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: E	B-56 Bottom Sample 2'			Lab Sample ID: 5	70-161722-6
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: E	3-56 SIDEWALL N 0.5'			Lab Sample ID: 5	70-161722-7
Analyte	Result Qualifier	RL	Unit	Dil Fac D Method	Prep Type
Lead	30.0	1.99	mg/Kg	56010B	Total/NA
Client Sample ID: E	3-56 SIDEWALL W 0.5'			Lab Sample ID: 5	70-161722-8
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: E	3-56 SIDEWALL S 0.5'			Lab Sample ID: 5	70-161722-9
Analyte	Result Qualifier	RL	Unit	Dil Fac D Method	Prep Type
Lead	21.3	1.97	mg/Kg	56010B	Total/NA
Client Sample ID: E	3-56 SIDEWALL E 0.5'			Lab Sample ID: 57	0-161722-10
Analyte	Result Qualifier	RL	Unit	Dil Fac D Method	Prep Type
					=

This Detection Summary does not include radiochemical test results.

28.9

Lead

11/27/2023

Total/NA

6010B

2.00

mg/Kg

Client Sample Results

Client: PlaceWorks, Inc. Job ID: 570-161722-1

Project/Site: Oakridge ES

Lead

Client Sample ID: B-16 Bottom Sa	ımnle 1'					Lah Sami	ple ID: 570-16	61722 ₋ 1
Date Collected: 11/20/23 11:00	iiiibie i					Lab Saiii		x: Solid
Date Received: 11/21/23 09:40							Water	k. Ooliu
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 SIDEWALI	L N 0.5'					Lab Sami	ple ID: 570-16	61722-2
Date Collected: 11/20/23 11:25								x: Solid
Date Received: 11/21/23 09:40								
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	L W 0.5'					Lab Sam	ple ID: 570-16	61722-3
Date Collected: 11/20/23 11:20							•	x: Solid
Date Received: 11/21/23 09:40								
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 SIDEWALI	L S 0.5'					Lab Sam	ple ID: 570-16	61722-4
Date Collected: 11/20/23 11:10							Matrix	x: Solid
Date Received: 11/21/23 09:40								
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 SIDEWALI	L E 0.5'					Lab Sam	ple ID: 570-16	61722-5
Date Collected: 11/20/23 11:15							Matrix	x: Solid
Date Received: 11/21/23 09:40								
Analyte		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 Sa	imple 2'					Lab Sam	ple ID: 570-16	61722-6
Date Collected: 11/20/23 12:00							Matrix	x: Solid
Date Received: 11/21/23 09:40								
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 SIDEWALI	L N 0.5'					Lab Sam	ple ID: 570-16	61722-7
Date Collected: 11/20/23 12:05							Matrix	x: Solid
Date Received: 11/21/23 09:40								
Analyte		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	L W 0.5'					Lab Sam	ple ID: 570-16	
Date Collected: 11/20/23 12:10							Matrix	x: Solid
Date Received: 11/21/23 09:40								
Analyte		Qualifier	RL	Unit	<u>D</u>	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	L S 0.5'					Lab Sam	ple ID: 570-16	61722-9
Date Collected: 11/20/23 12:15							Matrix	x: Solid
Date Received: 11/21/23 09:40								
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Load	24.2		1 07	ma/Ka		11/22/22 05:10	11/22/22 01:41	

Eurofins Calscience

11/22/23 05:49 11/23/23 01:41

Page 7 of 18

1.97

mg/Kg

21.3

11/27/2023

Client Sample Results

Client: PlaceWorks, Inc.

Job ID: 570-161722-1

Project/Site: Oakridge ES

Method: SW846 6010B - Metals (ICP)

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

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4.6

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QC Sample Results

Client: PlaceWorks, Inc. Job ID: 570-161722-1

Project/Site: Oakridge ES

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-386215/1-A ^5

Lab Sample ID: LCS 570-386215/2-A ^5

Matrix: Solid

Matrix: Solid

Lead

Lead

Analysis Batch: 386794

Analysis Batch: 386794

MB MB

Analyte

ND

Result Qualifier

RL 2.03 Unit mg/Kg Prepared

11/22/23 05:49 11/23/23 00:39

Client Sample ID: Lab Control Sample Dup

Client Sample ID: Lab Control Sample

Dil Fac

Prep Type: Total/NA

Prep Batch: 386215

Analyzed

Prep Type: Total/NA **Prep Batch: 386215**

%Rec

Client Sample ID: Method Blank

LCS LCS Spike Analyte Added Result Qualifier Unit D %Rec Limits Lead 49.5 46.97 95 80 - 120 mg/Kg

Lab Sample ID: LCSD 570-386215/3-A ^5 **Matrix: Solid**

Analysis Batch: 386794

Analyte

Spike Added

49.8

LCSD LCSD Result Qualifier 46.72

Unit mg/Kg D %Rec 94

Limits 80 - 120

%Rec

RPD Limit

Prep Type: Total/NA

Prep Batch: 386215

RPD

QC Association Summary

Client: PlaceWorks, Inc.

Job ID: 570-161722-1

Project/Site: Oakridge ES

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

11/27/2023

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9

10

12

13

2

Job ID: 570-161722-1

Client: PlaceWorks, Inc. Project/Site: Oakridge ES

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

Wattix. 30liu

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumen	t ID: ICP11								

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

Lab Sample ID: 570-161722-3

Lab Sample ID: 570-161722-4

Lab Sample ID: 570-161722-5

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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'

Date Collected: 11/20/23 11:20

Date Received: 11/21/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: ICP11								

Client Sample ID: B-16 SIDEWALL S 0.5'

Date Collected: 11/20/23 11:10 Date Received: 11/21/23 09:40

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Туре Method Run Factor **Amount** Amount Number or Analyzed Analyst Lab 386215 EET CAL 4 Total/NA 3050B 11/22/23 05:49 GYR8 Prep 2.03 g 50 mL 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'

Date Collected: 11/20/23 11:15

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			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
	Instrumer	nt ID: ICP11								

Eurofins Calscience

Job ID: 570-161722-1

Client: PlaceWorks, Inc. Project/Site: Oakridge ES

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: ICP11								

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**

Lab Sample ID: 570-161722-9

Lab Sample ID: 570-161722-10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumen	t ID: ICP11								

Client Sample ID: B-56 SIDEWALL W 0.5'

Date Collected: 11/20/23 12:10

Date Received: 11/21/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: ICP11								

Client Sample ID: B-56 SIDEWALL S 0.5'

Date Collected: 11/20/23 12:15 Date Received: 11/21/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: ICP11								

Client Sample ID: B-56 SIDEWALL E 0.5'

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
	Instrumer	nt ID: ICP11								

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Eurofins Calscience

Matrix: Solid

Matrix: Solid

Matrix: Solid

11/27/2023

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

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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

lient Information	Sampler: Miles Bar	rker		Lab	PM: Impson, Lori		Carrier Tracking No(s):		COC No:	
ent Contact:	Phone: 775,853.85	603		E-M	ail:		State of Origin:		Page:	
athy Fitzgerald			T	Lor	.Thompson@et.e	urofinsus.com				
ompany: laceWorks, Inc.			PWSID:			Analysis F	Requested		Job #.	
idress:	Due Date Request	ted:							Preservation Cod	
350 Inland Empire Blvd Ste B	TAT Requested (c	tays):			- 2				A - HCL B - NaOH	M - Hexane N - None
ntario		~18±da	30	HS	CÉXO				C - Zn Acetate D - Nitric Acid	O - AsNaO2 P - Na2O4S
ate, Zip: A, 91764	Compliance Proje	ct: A Yes	Δ Νο						E - NaHSO4	Q - Na2SO3 R - Na2S2O3
none:	PO#:				1 (SS) 4	1			F - MeOH G - Amchlor	S - H2SO4 T - TSP Dodecahydrate
/5.853.8503 nail:	WO #:				£ 3				H - Ascorbic Acid I - Ice	U - Acetone
tzgerald@placeworks.com					Sortion S			e 3	J - DI Water K - EDTA	V - MCAA W - pH 4-5
OJECT Name: OAK RIPUSE ES	Project #:				2 8 6			contain	L - EDA	Y - Trizma Z - other (specify)
e:	SSOW#:				dw o				Other:	
				1	S Pa			o Jac		
			Sample Type	Matrix (w=weter,	Millered MSM			Number		
		Sample	(C=Comp,	S=solid, O=w aste/oil,	Fleid			rotal N		
ample Identification	Sample Date	Time		BT=Tis sue, A=Air) E a			٥	Special Ins	tructions/Note:
	THE STREET		Preservi	ation Code:						
B-16 POTTOM SHAPE I'	11/20	11:06	G	Sail	X					
B-16 SIDEWALL N 0.5'		11:25	1.1							
B-16 510 EURIL W 0.5'		11:20								
3-16 4 10 ENRL 5 05'		11110								
B-16 & roewice E 015'		11:15								
B-56 Bottom SAMPLE Z'		12:00								
B-56 SIDEWALL NOS		12:05								
8-56 5,0 FWALL W 6.5'		12110					570-16172	2 Chair	of Custody	mar
B 56 SIDEWAL 506'		12:15		1				1		
B-56 5 IDALAL E 615'	V	12:20	V	4	V				4	
ossible Hazard Identification	, ,	[1				oosal (A fee may	be assessed if samples	1 1		
Non-Hazard Flammable Skin Irritant Poleliverable Requested: I, II, III, IV, Other (specify)	son B Unkno	own R	adiological			To Client	Disposal By Lab	Arc	thive For	Months
						uctions/QC Requir				
npty Kit Relinquished by:		Date:			Time:		Method of Shipment			
Hinquished by: Hinquished The Life Hinquished The	Date/Time:	1215	۵	Company	Received	51	Date/Tim	0.23	1250	EETCA
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linguished by:	11.20.23 Date/Time:	163	υ <u></u>	EZTO Company	Received b	N. N.	Date/Tim		3 7 70	Company
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Eurofins Calscience

ORIGIN ID:BLUA TEST AMERICA EUROFINS TESTAMENICA W SACHAMENTO BBO RIVERSIDE PARKWAY

SELP DATE: 20NOV23 ACTUGT: 12.95 LB DXD: 852262/CAFE3755

WEST SUCRAMENTS, CA SEELS UNITED STATES US

BAL SENDER

EUROFINS ENV. TESTING SCUTHWEST SAMPLE RECEIVING 2841 DOW AVE SUITE 100

TUSTIN CA 92780 (949) 261-1022 REF: SEND OUTS

MER. SERE COTS



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TRK#
0201 6201 1515 5827

TUE - 21 NOV A PRIORITY OVERNIGHT

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92780 CA-US SNA

11/27/2023





570-161722 Waybill

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-161722-1

Login Number: 161722 List Source: Eurofins Calscience

List Number: 1 Creator: Yu, Tiffany

oreator. ru, rinany		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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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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

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 12/8/2023 4:07:54 PM

Authorized for release by Lori Thompson, Project Manager I Lori.Thompson@et.eurofinsus.com (657)212-3035

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Receipt Checklists	16

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Definitions/Glossary

Client: PlaceWorks, Inc.

Job ID: 570-163110-1

Project/Site: Oak Ridge Elementary School

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Glossary

RER

RL RPD

TEF

TEQ

TNTC

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

Eurofins Calscience

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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

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Client Sample 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

Matrix: Solid

Date Collected: 12/04/23 10:15 Date Received: 12/05/23 09:45

 Analyte
 Result Lead
 Qualifier
 RL 2.01
 Unit mg/Kg
 D 12/07/23 07:10
 Prepared Analyzed 12/07/23 07:10
 Dil Fac 12/07/23 07:10
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QC Sample Results

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

Lead

Analysis Batch: 390870

Prep Type: Total/NA **Prep Batch: 390201** MB MB

mg/Kg

Dil Fac Analyte Result Qualifier RL Unit D Prepared Analyzed Lead ND 1.96 mg/Kg 12/07/23 07:10 12/08/23 12:48

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

Spike LCS LCS %Rec Added Result Qualifier Analyte Unit D %Rec Limits

49.3

80 - 120

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Lab Sample ID: LCSD 570-390201/3-A ^5 Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA

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Analysis Batch: 390870 **Prep Batch: 390201** LCSD LCSD RPD

Spike %Rec Added Result Qualifier Unit Limits **RPD** Limit Lead 49.8 45.68 80 - 120 mg/Kg

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

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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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrume	nt 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

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Method Summary

Client: PlaceWorks, Inc.

Job ID: 570-163110-1

Project/Site: Oak Ridge Elementary School

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

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Sample Summary

Client: PlaceWorks, Inc.

Project/Site: Oak Ridge Elementary School

Job ID: 570-163110-1

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

COC No:

Page:

Carrier Tracking No(s):

State of Origin:

Environment Testing

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PlaceWorks, Inc.			PWSID:		ı			Δn	alvsi	s Req	ueste	d			JOD #F		
Address: 2850 Inland Empire BIvd Ste B	Due Date Reques	ted:								1		ĪT			Preservation Co	des: M - Hexane	7
ity:	TAT Requested (c	tays):													A - HCL B - NaOH	N - None	
entario		1040	770	AYS											C - Zn Acetate	O - AsNaO2 P - Na2O4S	
tate, Zip: CA, 91764	Compliance Proje	ct: Δ Yes	Δ No			_				1 1				ba.	D - Nitric Acid E - NaHSO4	Q - Na2SO3 R - Na2S2O3	
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09-579-9161(Tel)					Q	1	٦ ١							6	H - Ascorbic Acid	T - TSP Dodecahydrate U - Acetone	
mail: fitzgerald@placeworks.com	WO #:				ō	<u>ء</u> ج	ַרַ !					1 1		8	I - Ice J - DI Water	V - MCAA	
roject Name:	Project #:				Sample (Yes or No.	s or No	1			11						W - pH 4-5 Y - Trizma	
ite: Oak Ridge ⊟ementary School	SSOW#:				용		1 1	11				1		onloquo	Other:	Z - other (specify)	i
te. Oak Ridge Dementary School	SSOVV#:				Sam	US /								90	5 Other.		
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp,	Matrix (wewster,	ered	Perform MS/N	5							Total Mirmbor of			
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2 2 1															1	Ver: 01/16/2019	_

Chain of Custody Record

PWSID:

Thompson, Lori

Lori.Thompson@et.eurofinsus.com

E-Mail:

Sampler: Miles Barker

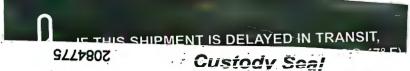
Phone: (909) 579-9161

Eurofins Calscience 2841 Dow Avenue, Suite 100

Tustin, CA 92780

Phone (714) 895-5494

Client Information
Client Contact:
Cathy Fitzgerald



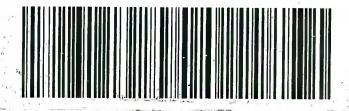


TRK# 6201 1515 6320

TUE - 05 DEC 12:00P PRIORITY OVERNIGHT

92 DTHA

92780 ca-us SNA





570-163110 Waybill

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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

Cleator. Nasianchuk, Ivannia		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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	
s 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 c6mm (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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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

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 11/7/2023 3:55:13 PM

Authorized for release by Lori Thompson, Project Manager I Lori.Thompson@et.eurofinsus.com (657)212-3035

13

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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Cover Page	1
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Sample Summary	13
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Definitions/Glossary

Client: PlaceWorks, Inc.

Job ID: 570-155226-3

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Glossary

QC

RER

RPD TEF

TEQ TNTC

RL

Quality Control

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)
Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Ciocoary	
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

Case Narrative

Client: PlaceWorks, Inc. Job ID: 570-155226-3

Project/Site: Oak Ridge Elementary School / SCUS-08.0

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.

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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

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Client Sample 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 1.00 mg/L 11/03/23 14:50 11/06/23 19:25 5.08

QC Sample Results

Client: PlaceWorks, Inc. Job ID: 570-155226-3

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-379322/1-B

Matrix: Solid

Lead

Analysis Batch: 381018

Client Sample ID: Method Blank **Prep Type: STLC Citrate** Prep Batch: 380221 LB LB

mg/L

Analyte Result Qualifier RL Unit Analyzed Dil Fac Prepared 1.00 11/03/23 14:50 11/06/23 19:18 Lead ND mg/L

Lab Sample ID: LCS 570-379322/2-B **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: STLC Citrate Prep Batch: 380221 Analysis Batch: 381018** Spike LCS LCS %Rec Added Result Qualifier Unit D %Rec Limits Analyte

18.61

Lab Sample ID: LCSD 570-379322/3-B Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: STLC Citrate Analysis Batch: 381018** Prep Batch: 380221 Spike LCSD LCSD %Rec **RPD** Limits Added Result Qualifier RPD Limit Analyte Unit %Rec Lead 20.0 18.68 80 - 120 mg/L

20.0

Lab Sample ID: 570-155226-43 MS Client Sample ID: B-16 @ 0.5' **Matrix: Solid Prep Type: STLC Citrate Analysis Batch: 381018** Prep Batch: 380221

Spike MS MS %Rec Sample Sample

Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 20.0 23.66 84 - 120 Lead 5.08 mg/L

Lab Sample ID: 570-155226-43 MSD Client Sample ID: B-16 @ 0.5' **Prep Type: STLC Citrate Matrix: Solid Analysis Batch: 381018** Prep Batch: 380221 MSD MSD RPD Sample Sample Spike %Rec

Analyte Result Qualifier Added Limits RPD Limit Result Qualifier Unit %Rec Lead 5.08 20.0 23.72 93 84 - 120 0 mg/L

80 - 120

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'

Lab Sample ID: 570-155226-43 Date Collected: 10/03/23 09:55

Matrix: Solid

Date Received: 10/04/23 09:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	t ID: ICP10								

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	

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Method Summary

Client: PlaceWorks, Inc.

Project/Site: Oak Ridge Elementary School / SCUS-08.0

Laboratory Method **Method Description** Protocol 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 EET CAL 4 None

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

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

Job ID: 570-155226-3

Sample Summary

Client: PlaceWorks, Inc.

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

Job ID: 570-155226-3

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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

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

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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

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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

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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

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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

<u>Lori.Thompson@ET.EurofinsUS.com</u> <u>www.EurofinsUS.com/Env</u>

Follow Us! Facebook | LinkedIn

From: Cathy Fitzgerald < cfitzgerald@placeworks.com>

Sent: Wednesday, November 1, 2023 2:40 PM

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EUFOTHS CAISCIEFICE 2841 Dow Avenue, Suite 100 Tustin, CA 92780 Phone (714) 895-5494													eurofins Environment Tee			
	Sampler: Mi	les Barker		Lab P	M: npson	Lori				Carrier Tracki	ng No(s):		COC No:			
Client Information Dient Contact:	Phone: (909) 579-9161		E-Mai	:		-4	-6		State of Origin	:		Page:			
Mike Watson Company:			PWSID:	Lon.	nomp	oson@	et.eui	ofinsus.				-	Job#:			
PlaceWorks, Inc.	Due Date R	equested:	1			1		Ana	lysis Req	uested			Preservation Cod	es:		
850 Inland Empire Blvd Ste B	TAT Pagus	sted (days):				ш							A - HCL	M - Hexane N - None		
Ontario	IAI Keque	-10-de	ys 30.	415									B - NaOH C - Zn Acetate D - Nitric Acid	O - AsNaO2 P - Na2O4S		
tate, Zip: CA, 91764	Compliance	e Project: △ Yes	Δ Νο									10	E - NaHSO4 F - MeOH	Q - Na2SO3 R - Na2S2O3		
hone: 09-579-9161(Tel)	PO #: SCUS-08	.0			6								G - Amchlor H - Ascorbic Acid	S - H2SO4 T - TSP Dodecahydrate		
mail: nwatson@placeworks.com	WO #:				2 0						1	100	I - Ice J - DI Water	U - Acetone V - MCAA		
Project Name:	Project #:				(Yes							lner	K - EDTA W - PH 4-5 Y - Trizma			
SCUS-08.0 Site: Oak Ridge Elementary School	SSOW#:				al e							cont	Z - other (specify) Other:			
Sample Identification	Sample	Sample Date Time	Sample Type (C=comp, G=grab)	Matrix (Wawater, Sasolid, Omwastefoil, BT=Tissue, A=Air) ation Code:	Field Fillsred Sc	EPA 8081A	EPA 8082	EPA 6010B Lead				Total Number of		structions/Note:		
[-1 @ 0.5'	10/3	7:40	G	Solid		,-1-	×	++		Total Control			C = Composite Sa	mple		
r-1 @ 2.5'	1012		G	Solid	+	\vdash		+++				1.0		ole; - Sample will be		
-1 DUP @ 0.5'	+ +	7446	G	Solid	+	+-	x	++	+	++	+++		archived for possil DUP = Duplicate	ble future analysis		
F-1 DUP @ 2.5'		7:45	G	Solid	+		$\hat{+}$	+	111	+			EB = Equipment B	lank		
		7 150	G	Solid	+	c	x	X		+			:			
3-1 @ 0.5'	+	-	ļ		+	1	^ +	+^+		+	+++					
3-1 @ 2.5'	+	7:50	G	Solid	+	С		+			+++					
3-2 @ 0.5'		7,00	G	Solid	+	C	×	X				- [1				
3-2 @ 2.5'		8,00	G	Solid	4	С	_	44				H				
3-3 @ 0.5'	+	8105	G	Solid	4	+	×	×								
3-3 @ 2.5'		5105	G	Solid	4	С	4	\perp				5	70-155226 Ch	ain of Custody		
3-4 @ 0.5'	V	5.15	G	Solid	Ļ	1 1	X	X								
Possible Hazard Identification	oison B	Unknown	Radiologica	I		L-Re	tum 1	o Client	1 1	Disposal By			ained longer than rchive For	1 month) Months		
Empty Kit Relinquished by:		Date:			Time:	-				Method o	of Shipment:					
Relinquished by: Puller Buller Relinquished by:	Date/Time:	3 12:05		OLAKOL	دود	Recei	red by	2			Date/Time:	23	1205	Company		
	Date Time	23 163	0	Company	Received by: Date/Time:					1/2	23 09	,				
Relinquished by:	Date/Time:			Company	Received by: Cooler Temperature(s) °C and Other Remarks: 2 1						•		Company			

Eurofins Calscience

Ver: 01/16/2019

eurofins

Preservation Codes:

O - AsNaO2

P - Na2O4S

Q - Na2SO3

R - Na2S2O3

T - TSP Dodecahydrate

S - H2SO4

U - Acetone

V - MCAA

W - pH 4-5

Y - Trizma

Special Instructions/Note:

D = Discrete Sample; - Sample will be

archived for possible future analysis

C = Composite Sample

EB = Equipment Blank

DUP = Duplicate

Z - other (specify)

COC No:

Page:

Job#:

A - HCL

B - NaOH

C - Zn Acetate

D - Nitric Acid

E - NaHSO4

F - MeOH

G - Amchlor

J - DI Water

K - EDTA

L - EDA

8 Other:

I - Ice

H - Ascorbic Acid

Carrier Tracking No(s):

State of Origin:

Analysis Requested

Environment Testing

21 B-8 @ 0.5'	8055	G Solid	c x x	
2 2 B-8 @ 2.5'	9:55	G Solid	С	
Possible Hazard Identification Non-Hazard Flammable Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify)	Poison B Unknown Radiol	logical		ed if samples are retained longer than 1 month) al By Lab Archive For Months
Empty Kit Relinquished by:	Date:	Time	Received by:	thod of Shipment: Date/Time: Company Company
Religiosite & Paul De Religiosite de la Paul	Date/Time: 10.3:23 1630	Company CETCA	Reserved.by:	Date/Time: 2 101314 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:	1.3/1.2 542
				Ver: 01/16/20

Chain of Custody Record

10-days 3 02-15

Sample

Type

(C=comp,

G

G

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Thompson, Lori

Lori.Thompson@et.eurofinsus.com

EPA 6010B Lead

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EPA 6010B

EPA 8081A

С

С

С

С

С

С

С

Х

Х

c x

c x

E-Mail:

Matrix

(W=water, S=solld, O=waste/oil,

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Solid

Solid

G=grab) BT=Tissue, A=Ali

Preservation Code:

Sampler: Miles Barker

Phone: (909) 579-9161

Due Date Requested:

TAT Requested (days):

SCUS-08.0

Project #:

SSOW#:

Sample Date

1013

Compliance Project: Δ Yes Δ No

Sample

Time

895

8:25

8:25

8:30

8:30

8145

8:45

8:50

8:50

Eurofins Calscience 2841 Dow Avenue, Suite 100

2850 Inland Empire Blvd Ste B

Tustin, CA 92780

Client Contact:

Company:

Address:

City: Ontario

State, Zip:

Phone:

CA, 91764

Project Name:

SCUS-08.0

B-4 @ 2.5'

B-5 @ 0.5'

B-5 @ 2.5'

B-6 @ 0.5'

B-6 @ 2.5'

B-7 @ 0.5

B-7 @ 2.5'

20 B-7 DUP @ 2.5

B-7 DUP @ 0.5'

909-579-9161(Tel)

mwatson@placeworks.com

Site: Oak Ridge Elementary School

Sample Identification

Mike Watson

PlaceWorks, Inc.

Phone (714) 895-5494

Client Information

ntact: Phone: (909) 579-9161 E-M	Illered Sample (Yes or No)	O O O EPA 8081A	@et.e	ELPA 60108 LEPA 60108	nalysis	s Reque	ested		2	Dotal Number of completes	reservation Codes: - HCL M + None - NaOH N - None - NaOH O - AskaO2 - Nitric Acid Q NazSO3 - NatiSO4 R NazSO3 - Amchior - T-TSP Dodecahydrate Ice U - Acetone U - Acetone U - Acetone U - MCAA - DI Water W - pH 4-5 - EDTA Y - Trizma Z - other (specify) her: Special Instructions/Note: = Composite Sample = Discrete Sample = Sample will be chived for possible future analysis UP = Duplicate
PWSID: Profices, Inc. Including 3 parts TAT Requested (days): 10 days 3 parts TAT Requested (days): 10 days 3 parts TAT Requested (days): 10 days 3 parts Total Poper of the parts	illtered Sample (Yes or No)	O O O EPA 8061A	X EPA 8082	EPA 6010B X EPA 6010B Lead	nalysis	s Reque	ested		2	Date Number of containers	None
Due Date Requested:	Filtered Sample (Yes	C C C	x	EPA 6010B X EPA 6010B Lead		s Reque	ested		2	Date Number of containers	None
TAT Requested (days): 10.days 3 purple	Filtered Sample (Yes	C C C	x	EPA 6010B					2	A B C D D T S T L L L L L L L L L L L L L L L L L	- HCL
10 days 3 purs 10 days 3 purs 10 days 3 purs 10 days 3 purs 10 days 3 purs 10 days 3 purs 10 days 3 purs 10 days 3 purs 10 days 3 purs 10 days 4 purs 10 d	Filtered Sample (Yes	C C C	x	EPA 6010B					2	B C D E F G T I I I I I I I I I I I I I I I I I I	- NaOH - NaOH - O AsNaO2 - Nitric Acid - Nitric Acid - Nat1SO4 - Nat1SO4 - Amchlor - Ascorbic Acid loe - DI Water - EDTA - EDA - EDA - EDA - Trizma - Z - other (specify) - Ascorbic Sample - Composite Sample - Discrete Sample - Sample will be chived for possible future analysis JP = Duplicate
Compliance Project:	Filtered Sample (Yes	C C C	x	EPA 6010B					2	Total Number of containers	- Nitric Acid - Nad2049
Po# SCUS-08.0 Po# SCUS-08.0 Po# SCUS-08.0 Po# SCUS-08.0 Po# Scus-08.0 Po# Project #: Sample Type C=Comp, G=grab Sendid, Sendid, ST-Tissue, A-Al Preservation Code Po@ 0.5' Po@ 2.5' Po@ 2.5' Po@ 0.5' Po@	Filtered Sample (Yes	C C C	x	EPA 6010B					2	Total Number of containers	- MeOH
WO#: One of the project Projec	Filtered Sample (Yes	C C C	x	EPA 6010B					2	Total Number of containers	- Ascorbic Adid I - I - I - I - I - SP - Dodecanyrate U - Acetone V - MCAA W - ph 4 - 5 - EDTA Y - Trizma EDA Z - other (specify) her: Special Instructions/Note: = Composite Sample = Discrete Sample; - Sample will be chived for possible future analysis JP = Duplicate
Project #:	Filtered Sample (Yes	C C C	x	EPA 6010B					2	Total Number of containers C accompany of the containers C a	- DI Water W - pH 4-5 - EDTA Y - Trizma - EDA Z - other (specify) her: Special Instructions/Note: = Composite Sample = Discrete Sample; - Sample will be chived for possible future analysis JP = Duplicate
Sample Date Sample Sample Type (C=comp. Time G=grab) Solid So	Illered Sampl	C C C	x	EPA 6010B					2	Total Number of	- EDA Y - Inzma Z - other (specify) ther: Special Instructions/Note: = Composite Sample = Discrete Sample; - Sample will be chived for possible future analysis UP = Duplicate
Sample Date Sample Type (C=comp., G=grab) Sample Type (C=comp., G=grab) Sample Type (C=comp., G=grab) Stribute. And Preservation Codes	Field Filtered Samp	C C C	x	EPA 6010B					2	Total Number of	Special Instructions/Note: = Composite Sample = Discrete Sample; - Sample will be chived for possible future analysis UP = Duplicate
Sample Date Sample Type (C=comp. G=grab) STITISSUE, A-Al Preservation Code: P @ 0.5' Q : US G Solid	Field Filtered	C C C	x	EPA 6010B						Total Number	= Composite Sample = Discrete Sample; - Sample will be chived for possible future analysis UP = Duplicate
Sample Date Sample Time C=comp. G=grab Sample C=comp. G=grab Solid C=	H Plais	C C C	x	×					Total	C =	= Composite Sample = Discrete Sample; - Sample will be chived for possible future analysis UP = Duplicate
P @ 0.5'	ir) L	C C C	x	×						C =	= Composite Sample = Discrete Sample; - Sample will be chived for possible future analysis UP = Duplicate
P@0.5' 1013 9:00 G Solid P@2.5' 9:00 G Solid 0.5' 9:05 G Solid P@0.5' 9:05 9:05 G Solid P@2.5' 9:05 G Solid P@2.5' 9:05 9:05 G Solid		0 0								D =	= Discrete Sample; - Sample will be chived for possible future analysis UP = Duplicate
P @ 2.5' 9:35 G Solid 0.5' 9:35 G Solid 2.5' 9:45 G Solid P @ 0.5' 9:4 G Solid P @ 2.5' 9:10 G Solid		0 0								arc	chived for possible future analysis UP = Duplicate
0.5' 9:05 G Solid 2.5' 9:05 G Solid P@0.5' 9!05 G Solid P@2.5' 9!05 G Solid		С	X	×					-		UP = Duplicate
2.5' 9:45 G Solid P@ 0.5' 9!6 G Solid P@ 2.5' 9!6 G Solid		С	^	-		++	1 1	$\perp \downarrow \downarrow$	1		
P@0.5'	\parallel	-			1 1			1 1	1	EB	B = Equipment Blank
P @ 2.5'	+		-		+ +						
	- 1 - 1	С	Ш	×		4					
0.5'	++	С				\perp					
	11	С	X	×							
2.5' 9!15 G Solid	11	С	Ш								
JP @ 0.5' 9: کد G Solid	Ш	С	Ш	×							
JP @ 2.5'		С									
0.5' G Solid		С	х	x							
le Hazard Identification on-Hazard Flammable Skin Irritant Poison B Unknown Radiological	s										ed longer than 1 month)
on-Hazard Flammable Skin Irritant Poison B Unknown Radiological	s			To Clie		Dis uirement	posal By La s:	ab _		Archi	ve For Months
Kit Relinquished by:	Time					-	Method of S	Shipment:			C tolou
	•	Rece	eived t	oy:				Date/Time:			So O 3/ 5 Company
Date/Time: Date/Time: Company Date/Time: Date/Time: Company Date/Time:	USA	45 E	eived b	v.	-			10/2 Date/Time/	12		Company E BCC
10.3.73 11,30 Bet		(00	9			19/4	1/2	23	
hed by: Date/Time: Company		Rese	eived I	NAME OF THE PARTY				Date/jime:	/		Company

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ustin, CA 92780 Phone (714) 895-5494		······································	,	tody R	•••									Environme			
Client Information	Sampler: Miles Bart	ker			npson,	Lori					r Tracking	No(s):		COC No:			
lient Contact: 1ike Watson	Phone: (909) 579-9	161		E-Mai		ടവത	et eu	rofins	sus.com	State	of Origin:			Page:			
ompany:			PWSID:	120										Job#:			
laceWorks, Inc.	Due Date Request	ed:	L						Analysis I	Reduesi	ea		le en	Preservation Codes:			
850 Inland Empire Blvd Ste B														A - HCL M - Hexane N - None			
rty: Intario Iate, Zip:	TAT Requested (d	ays): - 10 da	10-3 PK	. E2									3	C - Zn Acetate P - Na2O4S			
ate, 215: A, 91764	Compliance Project	ct: A Yes	Δ No										10	E - NaHSO4 R - Na2SO3			
hone: 09-579-9161(Tel)	PO #: SCUS-08.0												16	G - Amchlor H - Ascorbic Acid			
mail:	Wo #:				or No								12	I - Ice U - Acetone			
nwatson@placeworks.com roject Name	Project #:				01 -					200				J - DI Water K - EDTA W - pH 4-5 Y - Trizma			
CUS-08.0					Yes (containe	Z - other (specify)			
ite: Oak Ridge Elementary School	\$\$0W#:				Sampl ISD (Ye			١.	.				50	Other:			
ample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (wwwster, S=solid, O=waste/oil, BT=Tissue, A=Air)	Filtered m MS/A	EPA 8081A	EPA 8082	EPA 6010B					Total Number	Special Instructions/Note:			
		2.26		tion Code:	100									C = Composite Sample			
I-11 @ 2.5'	1013	9,25	G	Solid	Н.	C		-		\dashv	_		124	D = Discrete Sample; - Sample will be			
-12 @ 0.5'		9130	G	Solid	Ш	С	X						19	archived for possible future analysis			
-12 @ 2.5'		2130	G	Solid		С								DUP = Duplicate			
-13 @ 0.5'		4135	G	Solid		С	X	>						EB = Equipment Blank			
-13 @ 2.5'		9:35	G	Solid		С											
-14 @ 0.5'		9:40	G	Solid		С	х	>	(
-14 @ 2.5'		9,40	G	Solid		С							126.7				
-15 @ 0.5'		9.45	G	Solid		С	х	>					4.5				
-15 @ 2.5'		9145	G	Solid		С							-				
-16 @ 0.5'		9155	G	Solid		С	x	>	(
I-16 @ 2.5'	V	9:55	G	Solid		С											
ossible Hazard Identification					Sa	mple	Dispo	osal (A fee may	be asses	sed if s	amples	are reta	ained longer than 1 month)			
Non-Hazard Flammable Skin Irri		own 📙	Radiological		-		turn				sal By L	ab		rchive For Months			
eliverable Requested: I, II, III, IV, Other (specify						eciai ii	istruc	cuons	/QC Requi								
mpty Kit Relinquished by:		Date:			Time:				<u></u>	^		Shipment:					
elinquished by: Muley Mell	Date/Time: 10/3	12:05		Company	42				>			Pate/Time	123	two Esta			
elinquished	Date/Time: 10 · 3 · 2 ·	3 1/2	20	Company	4	Recei	ed by:	0	2)		Date/Time	Ub	3 6931 FL			
elinquished by:	Date/Time:	- 10	<i></i>	Company		Recei	ed by:					Date/Time	1	Company			
						1								1			

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COC No:

Page:

Carrier Tracking No(s):

State of Origin:

Environment Testing

PlaceWorks, Inc.			PWSID:						Δn	alysis	e Par	nuaci	ha				Job #:
Address:	Due Date Reques	ted:		-				П		arysis	Tec	ues	- Leu	TT			Preservation Codes:
2850 Inland Empire Blvd Ste B City:	TAT Requested (danah.															A - HCL M - Hexane N - None
Ontario	IAI Requested (10 da	ws Die											1 1		1	B - NaOH O - AsNaO2
State, Zip:				ts				1			1					-3	D - Nitric Acid P - Na2O4S Q - Na2SO3
CA, 91764	Compliance Proje	ct: ∆ Yes	ΔNo									i l					E - NaHSO4 R - Na2SO3 F - MeOH
Phone: 909-579-9161(Tel)	PO#: SCUS-08.0				2												G - Amchlor S - H2SO4
Email:	WO #:				or No)												H - ASCORDIC ACID U - Acetone
mwatson@placeworks.com					奶											ers	J - DI Water W - pH 4-5 K - EDTA
Project Name: SCUS-08.0	Project #:				5 O									1 1		tain	L - EDA Y - Trizma Z - other (specify)
Site: Oak Ridge Elementary School	SSOW#:				Sample (Yes SD (Yes or h								1			of con	Other:
		Sample	Sample Type (C=comp,	Matrix (Wawater, Sasolid, Owwaste/oil,	Field Filtered Sample (Ye Perform MS/MSD (Yes or		4 8082	EPA 6010B	4 6010B Lead							Number	
Sample Identification	Sample Date	Time		BT=Tissue, A=Air)	Pe P	EPA	EPA	EP/	EPA				_		_	Total	Special Instructions/Note:
	E AND STREET		Preserv	ation Code:			12	1/6		20 1	100	100	4 5				TEMPORE OF THE PROPERTY.
B-17 @ 0.5'	10/3	10:45	G	Solid	Ш	С	х	Ш	×								C = Composite Sample
B-17 @ 2.5'		101.05	G	Solid	Ш	С			Ц								D = Discrete Sample; - Sample will be archived for possible future analysis
B-18 @ 0.5'		10:10	G	Solid		С	х		х								DUP = Duplicate
B-18 @ 2.5'		10110	G	Solid		С											EB = Equipment Blank
B-19 @ 0.5'		10:15	G	Solid		С	Х		х								
B-19 @ 2.5'		10:15	G	Solid		С										25	
B-20 @ 0.5'		10:20	G	Solid	П	С			х								
B-20 @ 2.5'		10,20	G	Solid		С										33	
B-21 @ 0.5'		10:25	1	1		С			х								
B-21 @ 2.5'	V	10:25	V	4	П	С											
Possible Hazard Identification					Sa	mple	Dis	posa	i (A	fee m	ay be	asses	sed if	sampl	es are	reta	ined longer than 1 month)
Non-Hazard Flammable Skin Irritant	Dison B Unkn	own H	Radiologica	1		닞	eturi	n To	Client	t		Dispo.	sal By	Lab		An	chive For Months
Deliverable Requested: I, II, III, IV, Other (specify)					Sp	ecial	Instr	uctio	ns/Q	C Req							
Empty Kit Relinquished by:		Date:			Time:							N	ethod o	f Shipme	ent:		
Relinquished by: Relinquished Belles	Date/Time:	12:05		Company	120	Rec	eived t	by:	0					Date/T	ime:	<u> </u>	Company SETSU
Reling Street	Date/Time:	- 1	7.	Company	~~	Rec	erved t	by:	a	5				Date/T		1	Company
	Date/Time:	3 16	30	Company HET CA	2	I(6		_					10/	4	123 0935 EC
Relinquisited by:	Date/Time:			Company		Rès	eived I	OY:						Date/T	ime:	7	Company
Custody Seals Intact: Custody Seal No.:		12.5		A		Cool	er Tei	mpera	ature(s)	°C and	Other	Remark	s:), i	/-3/1.2 54 Ver: 01/16/2019
Δ Yes Δ No																	1-1/1/2 34

Chain of Custody Record

Sampler: Miles Barker

Phone: (909) 579-9161

Lab PM: Thompson, Lori

E-Mail: Lori.Thompson@et.eurofinsus.com

Eurofins Calscience

2841 Dow Avenue, Suite 100

Tustin, CA 92780

Phone (714) 895-5494

Client Information
Client Contact:
Mike Watson

Phone (714) 895-5494	Sampler: Miles Ba	rker		Lab P							Carrie	r Trackir	ng No(s):		_	COC No:	
Client Information Client Contact:	Phone: (909) 579-	9161		I hor E-Mai	npson. II:	Lon					State	of Origin	:		Page:		
Mike Watson			· ·	Lori.	Thomp	son@	et.e	urofin	sus.com								
Company: PlaceWorks, Inc.			PWSID:						Analys	is Re	eques	ted				Job#:	
oddress: 2850 Inland Empire Blvd Ste B	Due Date Reques	ted:													14	Preservation Codes:	
City:	TAT Requested (c	lays):														A - HCL N - None B - NaOH O - AsNaO2	
Ontario State, Zip:		1 0 dd	3 O	642											ii.	D Alterio Agid P - Na2O4S	
CA, 91764	Compliance Proje	ct: Δ Yes	Δ No		II											E - NaHSO4 R - Na2S2O3	
Phone: 909-579-9161(Tel)	PO# SCUS-08.0				6								1		36	G - Amchlor T - TSP Dodecahydra	
Email:	WO #:								k				1		13.4	I - Ice U - Acetone	
mwatson@placeworks.com Project Name:	Project #:											1		190	K - EDTA W - pH 4-5		
SCUS-08.0					2 2										nta	Z - other (specify)	
Site: Oak Ridge Elementary School	SSOW#:				Sam (.		-				of co	Other:	
			Sample	Matrix	Filtered Sample on MS/MSD (Ye			_	Lea L						mber		
3			Туре	(W=water, S=solid.	E	8081A	1082	EPA 6010B	EPA 6010B	1					Z	1	
Sample Identification	Sample Date	Sample Time	(C=comp,	O=waste/oil, BT=Tissue, A=Air)	ž t	EPA 8	EPA 8082	PA	PA						Total	Special Instructions/Note:	
	Compression Compression			tion Code:				BI			3 3 3 1	18 E		10 20		Opecial instructions/rote:	
B-22 @ 0.5'	10/3	10140	G	Solid		С	×		x					-	18	C = Composite Sample	
B-22 @ 2.5'		10:40	G	Solid	Н	С			11		\top				8.7	D = Discrete Sample; - Sample will be	
B-23 @ 0.5'		10:45	G	Solid	H	С	x	\dashv	×	+-	+		1	+		archived for possible future analysis DUP = Duplicate	
B-23 @ 2.5'		-		Solid	╫	С	^	+	$\stackrel{\sim}{+}$	_	+		++		802	EB = Equipment Blank	
		10:45	G		Н-	-	-	-		_		-		\perp			
B-24 @ 0.5'		10:50	G	Solid	Щ.	С	Х		X			_	$\downarrow \downarrow \downarrow$		100		
3-24 @ 2.5'		10:50	G	Solid		С											
3-25 @ 0.5'		10:55	G	Solid		c	x		x								
3-25 @ 2.5'		10155	G	Solid		С		T			\Box						
3-26 @ 0.5'		11:00	G	Solid	\top	С	T	1.	x		\top	_	T				
3-26 @ 2.5'		11:00	G	Solid		С	+	1		_	+	_	++	_	is per		
3-27 @ 0.5'				Solid	+		+	+	_	+	+						
Possible Hazard Identification		11:05	G	Solid		С	2/		X								
Non-Hazard Flammable Skin li	rritant Poison B Unkn	OW	Radiological		Sa	$\overline{}$		rosai To C		nay bo	7	s sea rr Isai By		es are		ined longer than 1 month) chive For Months	
Deliverable Requested: I, II, III, IV, Other (specif		OWII	aululugicai		Sp				s/QC Re	quiren		isai by	Lau		All	bnive Foriworkins	
Empty Kit Relinquished by:		Date:			Time:	_	_				T:	viethod o	f Shipme	ent:	_		
Relinquished by:	Date/Time:	·	-	Company		Recei	ed by	-	7 _				Date/Ti	ime:		Company	
PLACEURS	Date/Time:	12:05		PLK TO	به	5	_						JO/		ر'	IWT EEDL	
	10.2.22	16	30	EET C	A /	Recei	rea by	5	L	-1				ime:	1/5	23 0935 EC	
elinquished by:	Date/Time:			Company	-	Recei	ed by						Date/Ti	im6:	1	Company	

2841 Dow Avenue, Suite 100 Tustin, CA 92780 Phone (714) 895-5494

66

Chain of Custody Record

eurofins

Environment Testing

Client Information	Sampler:	C RM	KER		b PM: nomps	on L	ori			Carrier Tracking No(s):					COC No:	
	Phone (909)	3 049	01/1	E-I	Mail:						St	ate of Origi	n:		Page:	
Mike Watson Company:	(404)	579-	4/61	Lo	ri.Tho	mpso	n@e	t.eurof	insus.	com					Page 1 of 1	
PlaceWorks, Inc.			PWSID:						An	alysis	Requ	ested			JOD #:	
Address	Due Date Requeste	ed:			,£)									860	Preservation C	odes: M - Hexane
2850 Inland Empire Blvd Ste B City: Ontario State, Zip:	TAT Requested (days):				quested (days):							A - HCL B - NaOH C - Zn Acetate	N - None O - AsNaO2 P - Na2O4S			
State, ZIP: CA, 91764 Phone:	Compliance Projec	t: Δ Yes	Δ No			-	T							- 6	D - Nitric Acid E - NaHSO4 F - MeOH	Q - Na2SO3 R = Na2S2O3
Phone: 909-579-9161(Tel) Email:	PO #:				ล		204							E.A.	G - Amchlor H - Ascorbic Acid	S - H2SO4 T - TSP Dodecahydrate U - Acetone
mwatson@placeworks.com	WO #:				2 20		2								I - Ice J - DI Water	V - MCAA W - pH 4-5
Project Name: Nicholas Elementary School Sacramento City USD 5 (5) 0, %	Project #:					III :	⋞ ,	,	1 1					3	K - EDTA L - EDA	Y - Trizma Z - other (specify)
Site: OAK RIDGE ELEMENTARY SCHOOL	SSOW#:	SOW#:								00	Other:	Z - other (specify)				
Sample Identification	Sample Date	Sample Time		Matrix (W=water, S=colid, O=weete/oil, BT=Tissue, A=/	Field Filte	=	Deeta Pasiicides							Total Number of	Special	Instructions/Note:
			Fleseiva		1	×Ν	D	N								
				Water	\dashv	4	_	+			\vdash	++	\dashv	-4		mposite
			-	Water			\perp							A	SA	NPLE
B-27@Z.5'	10/3	11:05	4	5016	41	<	4					$\perp \perp$	_ _ .		E8 = E	MANAME
E8 10,03,23		111.15		WATER					Ш						B	- MUK
₹\$ 1°,03,23	V	11:15		WATER												
					Ш		\perp							3 %		
					Ш	\perp										
					Ш			<u> </u>						ان ما ان ما		
					Ш	\perp	\perp	1					\perp	100		
					Ш	1	1	4_		\perp		$\perp \perp$	44			
Possible Hazard Identification					Ц		12.5								<u> </u>	40
Non-Hazard Flammable Skin Irritant Pois	on B 🗆 Halen	OW/2 -	Radiologica	,		Samp) 	sposa	u (A f Client	ee mäy	De ass	essea if oosal By	sampies Lab	are retain	ed longer than	1 month) Months
Deliverable Requested: I, II, III, IV, Other (specify)	DI D OIKI	OWII I	Naulologica								ements		Lau	AICI	IIVE POI	Months
Empty Kit Relinquished by:		Date:			Tim	ne:						Method	of Shipmer	nt:		
Relinquished by: Relinquished by: Relinquished Relinquished	Date/Time:	2:05		Company	سر 20	Re	ceive	by:	3				Date/Ti	me: 3/13	1205	Company
Relinquis	10/3 i	11 3	~	PLAXA Company EETC		P/	coiye	by:		>			Date/Ti	me: / /		Company
Relinquished by:	Date/Time:	165	<i>υ</i>	Company	<u> </u>	- (n	ceive	LOY:		_			Date/T		3 0935	Company
Contrate Contrate to the Contrate Contr										_					, ,	
Custody Seal No.:						Co	ooler T	emperat	ture(s) °	C and Otl	ner Rema	rks:		/	.3/1.2	, 50/8

Ver: 01/16/2019 11/7/2023

Login Sample Receipt Checklist

Client: PlaceWorks, Inc. Job Number: 570-155226-3

Login Number: 155226 List Source: Eurofins Calscience

List Number: 1

Creator: Gutierrez, Rebecca

Creator. Gutterrez, Resecca		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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	

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PREPARED FOR

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

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JOB DESCRIPTION

SCUS-08.0

JOB NUMBER

570-155379-2

Eurofins Calscience 2841 Dow Avenue, Suite 100 Tustin CA 92780

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 11/7/2023 3:56:01 PM

Authorized for release by Lori Thompson, Project Manager I Lori.Thompson@et.eurofinsus.com (657)212-3035

13

Client: PlaceWorks, Inc. Project/Site: SCUS-08.0

Laboratory Job ID: 570-155379-2

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Definitions/Glossary

Client: PlaceWorks, Inc. Job ID: 570-155379-2

Project/Site: SCUS-08.0

Glossary

LOQ

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)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit

Limit of Quantitation (DoD/DOE)

ML Minimum Level (Dioxin) Most Probable Number MPN Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

Negative / Absent NEG POS Positive / Present

PQL **Practical Quantitation Limit**

PRES Presumptive QC **Quality Control**

Relative Error Ratio (Radiochemistry) RER

RL Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points RPD

TEF Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

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Case Narrative

Client: PlaceWorks, Inc.

Job ID: 570-155379-2

Project/Site: SCUS-08.0

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.

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Detection Summary

Client: PlaceWorks, Inc.

Job ID: 570-155379-2

Project/Site: SCUS-08.0

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

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Client Sample 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'

Lab Sample ID: 570-155379-25

Matrix: Solid

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Date Collected: 10/04/23 10:30 Date Received: 10/05/23 09:40

Eurofins Calscience

Page 7 of 22 11/7/2023

QC Sample Results

Client: PlaceWorks, Inc. Job ID: 570-155379-2

Project/Site: SCUS-08.0

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-379322/1-B **Client Sample ID: Method Blank**

Matrix: Solid

Analysis Batch: 381018 LB LB **Prep Type: STLC Citrate** Prep Batch: 380221

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac 1.00 11/03/23 14:50 11/06/23 19:18 Lead ND mg/L

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 570-379322/2-B **Matrix: Solid Prep Type: STLC Citrate Prep Batch: 380221** Analysis Batch: 381018 Spike LCS LCS %Rec

Analyte Added Result Qualifier Unit D %Rec Limits 20.0 93 80 - 120 Lead 18.61 mg/L

Client Sample ID: Lab Control Sample Dup Lab Sample ID: LCSD 570-379322/3-B **Matrix: Solid Prep Type: STLC Citrate**

Analysis Batch: 381018

Prep Batch: 380221 Spike LCSD LCSD %Rec RPD Limits Added Result Qualifier RPD Limit Unit D %Rec

Analyte Lead 20.0 18.68 mg/L 93 80 - 120

QC Association Summary

Client: PlaceWorks, Inc. Job ID: 570-155379-2 Project/Site: SCUS-08.0

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 570-155379-25	Client Sample ID B-56 @ 0.5'	Prep Type STLC Citrate	Matrix Solid	Method Dilution	Prep Batch 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. Job ID: 570-155379-2

Project/Site: SCUS-08.0

Client Sample ID: B-56 @ 0.5'

Lab Sample ID: 570-155379-25

Date Collected: 10/04/23 10:30 Matrix: Solid

Date Received: 10/05/23 09:40

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: ICP10								

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

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Accreditation/Certification Summary

Client: PlaceWorks, Inc. Job ID: 570-155379-2

Project/Site: 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

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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

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

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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

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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

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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

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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

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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

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Phone (714) 895-5494	Sampler: Miles Ba	rker		Lab							Ca	mier Tra	cking N	o(s):		COC No:	
Client Information	Phone: (909) 579-	9161		E-M	mpson	, Lon	1				Sta	ite of Ori	igin:			Page:	
like Watson		Lori.Thompson@et.eurofinsus				sus.co	com										
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nwatson@placeworks.com	Declared #															J - DI Water K - EDTA	W - pH 4-5 Y - Trizma
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-44 @ 2.5'		7:45	G	Solid	11	С	1	_	_		\dashv	+	_	+	10	archived for po DUP = Duplica	ssible future analysis
-45 @ 0.5'		7:40	G	Solid	\perp	С					\perp	\perp					
-45 @ 2.5°		7:40	G	Solid		С									- 1	EB = Equipmer	nt Blank
-46 @ 0.5°		7:35	G	Solid	П	С									36		
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Phone (714) 895-5494 Client Information	Sampler: Miles Bar	ker		Lab	PM: ompsor	n. Lo	i				Carri	er Tracki	ing No(s):		COC No:	
Silent Contact: dike Watson	Phone: (909) 579-	161		E-M	ail:				20110		State	of Origin	1:		Page:	
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49 @ 2.5'	1014	12110	G	Solid	П	С			T						C = Con	posite Sample
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-50 @ 2.5'		12105	G	Solid	\top	С			T							Ouplicate
-51 @ 0.5'		12100	G	Solid	T	С									EB = Eq	uipment Blank
-51 @ 2.5'		12100	G	Solid	T	С									3	
-52 @ 0.5 ⁻		11:55	G	Solid	П	С									3	
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-53 @ 2.5 ⁻		11:50	G	Solid	П	С										
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Eurofins Calscience

2841 Dow Avenue, Suite 100

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watson@placeworks.com oject Name:	Project #:				- !						-				-	K-ED	DTA	W - pH 4 Y - Trizn	
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-57 @ 2.5 ¹		10:25	G	Solid	11	С		\top											
-58 @ 0.5°		15:70	G	Solid	\Box	С			x			П							
-58 @ 2.5 ⁻		14:20	G	Solid		С													
-59 @ 0. <mark>5</mark> '		10:15	G	Solid	П	С		1	x	П		П							
-59 @ 2.5'		10:15	G	Solid		С						П				1			
-60 @ 0.5'	V	10110	G	Solid		C			x										
ossible Hazard Identification					S	mple	Disp	osal	(A fe	e may t	e ass	essec	if sa	mples	are re	tained l	onger th	an 1 mont	h)
Non-Hazard Flammable Skin Irrita	ant Poison B Unkn	own 1	Radiological		-		eturn						By Lat	,		Archive I	For	Mc	onths
eliverable Requested: I, II, III, IV, Other (specify)					51	pecial	instru	ction	s/QC i	Require	ments								
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2841 Dow Avenue, Suite 100 Tustin, CA 92780 Phone (714) 895-5494	C	hain d	of Cus	tody F	Reco	ord	ı								•	eurofins Environment
Client Information	Sampler: Miles Bar	ker		Lab Tho	PM: ompsor	ı. Lor	i		-		Carri	er Track	ing No(s):		COC No:
Client Contact: Mike Watson	Phone: (909) 579-9	161		E-M				eurofi	nsus	com	State	of Origi	n:			Page:
Company: PlaceWorks, Inc.			PWSID:			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					Reques	tod	-	-		Job#:
Address: 2850 Inland Empire Blvd Ste B	Due Date Request	ted:				24"	T			llysis i	teques	T	T		2.	Preservation Codes:
ity: Ontario	TAT Requested (d	ays): 1 0 da	70-301	+												B - NaOH
tate, Zip: CA, 91764	Compliance Proje			,,,												D - Nitric Acid E - NaHSO4 F - MeOH R - Na2S2O3
hone: 09-579-9161(Tel)	PO#: SGUS-08.0				-										13	G - Amchlor S - H2SO4 T - TSP Dodecahydrate
mail: nwatson@placeworks.com	WO#:				Z S	4									To all T	I - Ice U - Acetone V - MCAA
roject Name: CUS-08.0	Project #:														contiliner	
ite: Oak Ridge Elementary School	SSOW#:				Sampl				_						of cor	Other:
		Sample	Sample Type (C=comp,	Matrix (w=water, S=solld, O=waste/oil,	Field Filtered		EPA 8082	EPA 6010B	EPA 6010B Lead						Total Number	
Sample Identification	Sample Date	Time		BT=Tissue, A=Air) iF &	EP	E E	<u>a</u>	a						2	Special Instructions/Note:
ı-8 @ 2.5'	10/4	9105	G	Solid						20 6.0	200					C = Composite Sample
EB 10,04.23		12:20		WATER	1	×	×	×	X							D = Discrete Sample; - Sample will be archived for possible future analysis
EB 10.44.73	4	12:20		WATER		×	メ		X							DUP = Duplicate
					\coprod	_									Interest	EB = Equipment Blank
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Possible Hazard Identification					Si	ampl	e Dis	posa	I (A 1	ee may	be asse	essed	f samp	oles are	e reta	ined longer than 1 month)
Non-Hazard Flammable Skin Irritant	Poison B Unkn	own -	Radiological		St				Client		Disp ements:	osal By	Lab		Ar	rchive For Months
mpty Kit Relinquished by:		Date:			Time							Method	of Shipn	nent:		
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elinquished by:	Date/Time:	5 16	30	Company	20	Rec	ceived (by:	7	_			Date	Time	7	Company
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Δ Yes Δ No Custody Seal No.:		100	10,000,000				100		N.			1		111	/.	Ver: 01/16/2019

Eurofins Calscience

Login Sample Receipt Checklist

Client: PlaceWorks, Inc. Job Number: 570-155379-2

Login Number: 155379 List Source: Eurofins Calscience

List Number: 1

Creator: Gutierrez, Rebecca

Creator: Gutierrez, Rebecca		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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 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



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 11/10/2023 9:49:25 AM

Authorized for release by Lori Thompson, Project Manager I Lori.Thompson@et.eurofinsus.com (657)212-3035

13

Client: PlaceWorks, Inc. Project/Site: Oak Ridge ES Laboratory Job ID: 570-159614-1

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Definitions/Glossary

Client: PlaceWorks, Inc. Job ID: 570-159614-1

Project/Site: Oak Ridge ES

Glossary

DLC

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
Percent Recovery
Contains Free Liquid
Colony Forming Unit
Contains No Free Liquid
Duplicate Error Ratio (normalized absolute difference)
Dilution Factor
Detection Limit (DoD/DOE)
Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
_

EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCI	EDA recommended "Maximum Con

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

Decision Level Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) Most Probable Number MPN Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

Negative / Absent NEG POS Positive / Present

PQL **Practical Quantitation Limit**

PRES Presumptive QC **Quality Control**

Relative Error Ratio (Radiochemistry) RER

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) Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Eurofins Calscience

Page 4 of 17

Case Narrative

Client: PlaceWorks, Inc.

Job ID: 570-159614-1

Project/Site: Oak Ridge ES

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.

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Detection Summary

Client: PlaceWorks, Inc. Job ID: 570-159614-1

Project/Site: Oak Ridge ES

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

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Client Sample Results

Client: PlaceWorks, Inc. Job ID: 570-159614-1

Project/Site: Oak Ridge ES

Method: SW846 6010B - Metals (ICP) - TCLP

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

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

Lab Sample ID: 570-159614-2

Matrix: Solid

Date Collected: 11/06/23 11:00 Matrix: Solid
Date Received: 11/07/23 09:30

 Analyte
 Result Lead
 Qualifier
 RL O.500
 Unit mg/L
 D Prepared 11/09/23 09:15
 Analyzed 11/09/23 15:53
 Dil Fac 11/09/23 15:53

Eurofins Calscience

Page 7 of 17 11/10/2023

QC Sample Results

Client: PlaceWorks, Inc. Job ID: 570-159614-1

Project/Site: Oak Ridge ES

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-381673/1-B **Client Sample ID: Method Blank**

Matrix: Solid

Lead

Analysis Batch: 382203

Prep Type: TCLP Prep Batch: 381991 LB LB

mg/L

101

80 - 120

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac 0.500 11/09/23 09:15 11/09/23 15:30 Lead ND mg/L

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 570-381673/2-B **Prep Type: TCLP Matrix: Solid Analysis Batch: 382203 Prep Batch: 381991**

2.015

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits

2.00

Client Sample ID: Lab Control Sample Dup Lab Sample ID: LCSD 570-381673/3-B **Matrix: Solid Prep Type: TCLP Analysis Batch: 382203 Prep Batch: 381991**

Spike LCSD LCSD %Rec RPD Limits Analyte Added Result Qualifier RPD Limit Unit D %Rec Lead 2.00 1.996 100 80 - 120 mg/L

11/10/2023

QC Association Summary

Client: PlaceWorks, Inc.

Job ID: 570-159614-1

Project/Site: Oak Ridge ES

Metals

Leach Batch: 381673

Lab Sample ID 570-159614-1	Client Sample ID B-16 @ 0.5'	Prep Type TCLP	Matrix Solid	Method 1311	Prep Batch
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

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Lab Chronicle

Client: PlaceWorks, Inc. Job ID: 570-159614-1

Project/Site: Oak Ridge ES

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: ICP11								

Client Sample ID: B-56 @ 0.5' Lab Sample ID: 570-159614-2

Date Collected: 11/06/23 11:00 Date Received: 11/07/23 09:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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
	Instrumer	nt ID: ICP11								

¹This 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

Matrix: Solid

Accreditation/Certification Summary

Client: PlaceWorks, Inc.

Job ID: 570-159614-1

Project/Site: Oak Ridge ES

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

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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

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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

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West Sacramento, CA 95605

Phone (916) 373-5600 Phone (916) 372-1059

Chain of Custody Record

s eurofins

Loc: 570 Er 159614	1
	2
odes:	
M - Hexane N - None O - AsNaO2 P - Na2O4S	5
Q - Na2SO3 R - Na2S2O3 S - H2SO4	
T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma	
Z - other (specify)	8
	9
nstructions/Note:	
- BESS	
	13
7	
1 month) Months	

Sampler: Carrier Tracking No(s): COC No: Miles Barker Client Information Thompson, Lori Client Contact: E-Mail: Phone: State of Origin: Cathy Fitzgerald Lori.Thompson@et.eurofinsus.com Page 1 of 1 Company PWSID: Job#. PlaceWorks, Inc. **Analysis Requested** Address: Due Date Requested: Preservation Co 2850 Inland Empire Blvd Ste B TAT Requested (days): B - NaOH Ontario 10-Days 3 DXYS C - Zn Acetate State, Zip: D - Nitric Acid CA, 91764 Compliance Project: A Yes A No E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid Email: WO #: cfitzgerald@placeworks.com J - DI Water K - EDTA Project #: L - EDA Hichelas Branch OAK RIDGE ES Other: watrix Sample (W=water, S=solid, Type O=waste/oil. (C=comp, Sample Sample Identification Sample Date Time G=grab) A=Air) Special I Preservation Code: Bottom 65 8-16 @ 0.5 又 * grab soil 10:50 grab soil 100 901 * उणी * soil grab Possible Hazard Identification Sample Disposal (A fee may be assessed if samples are retained longer than Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological Disposal By Lab Return To Client Archive For Deliverable Requested: I, II, III, IV, Other (specify) Special Instructions/QC Requirements: Empty Kit Relinquished by: Date: Method of Shipment: Time: Relinquished by: dutholu 1130 11:30 Company 11/7/23 9:30 60 Custody Seals Intact: Custody Seal No.: Cooler Temperature(s) of and Other Remarks: 2.1/20 SC 12 Δ Yes Δ No 11/10/2023 Page 14 of 1

Lori Thompson

From: Cathy Fitzgerald <cfitzgerald@placeworks.com> Sent: Wednesday, November 8, 2023 7:40 AM

Lori Thompson To:

Subject: RE: Eurofins Calscience Sample Login Confirmation files from 570-159614-1 Oak Ridge

ES

CAUTION: EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

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



SHIP DATE: O6NOV23 ACTWGT: 43.00 LB CAD: 852262/CAFE3755

BILL SENDER

EUROFINS ENVIRONMENT TESTING SOUTHW 2841 DOW AVENUE, SUITE 100

TUSTIN CA 92780 (714) 895 - 5494 REF: SEND OUTS



FedE

TRK# 6201 1515 5275

TUE - 07 NOV 10:30 PRIORITY OVERNIGH

92 DTHA

9278 CA-US SN





Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-159614-1

Login Number: 159614 List Source: Eurofins Calscience

List Number: 1 Creator: Yu, Tiffany

Creator: Yu, Timany		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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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Attachment B

Waste Manifest

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsciptio. 4501MART/3425025

DESIGNATED FACILITY TO EPA'S 6-MANIFEST SYSTEM

Appendix

Appendix E. Public Participation Notices

Appendix

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FACILITIES SUPPORT SERVICES

425 1st Avenue • Sacramento, CA 95818

Lisa Allen, Interim Superintendent Jesse Castillo, Assistant Superintendent Chris Ralston, Director III

September 25, 2023

BOARD OF EDUCATION

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Taylor Kayatta Trustee Area 6

Liam McGurk Student Board Member 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

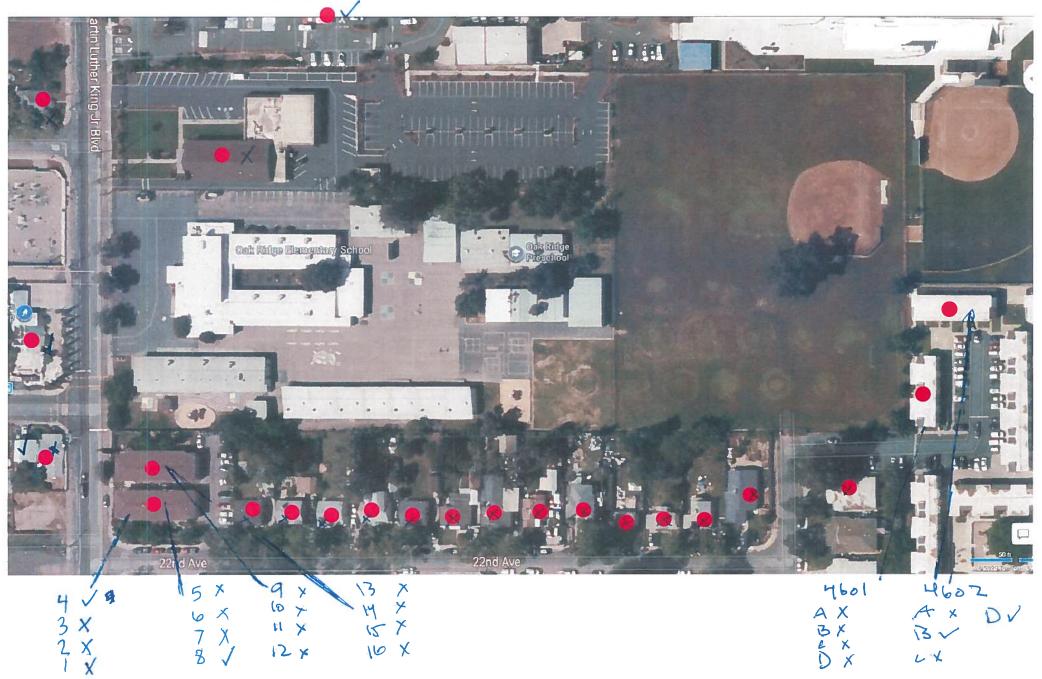
Facilities Management, Maintenance and Operations, and Resource Management

ICS Distributed the PEA Notices to the residents marked by on 9/26/2023

Left at door

Given to resident

Christian Brothers



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.