

December 2023 | Preliminary Environmental Assessment Report

Nicholas Elementary School Rebuild Project (DTSC Site Code: 104896)

for Sacramento City Unified School District

Prepared for:

Sacramento City Unified School District

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December 29, 2023

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Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, California 95826

Subject: Preliminary Environmental Assessment Report for Nicholas Elementary School Rebuild Project, Sacramento, California (Site Code 104896)

Dear Ms. Shen:

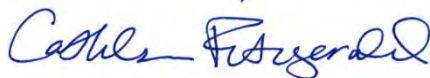
Enclosed please find the Preliminary Environmental Assessment Report prepared by PlaceWorks on behalf of Sacramento City Unified School District. The District is planning to rebuild Nicholas Elementary School at 6601 Steiner Drive in the community of Parkway in unincorporated Sacramento County, California.

Previous reports submitted to DTSC for this project were the PEA Workplan, dated July 19, 2023; Technical Memorandum #1, dated August 30, 2023; and Technical Memorandum No. 2, dated October 24, 2023. This PEA includes information from the previous reports and summarizes the results of the PEA investigation.

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

Sincerely,

PLACEWORKS



Dr. Cathleen Fitzgerald, PE
Senior Engineer

Enclosures



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Executive Summary

PlaceWorks has performed a Preliminary Environmental Assessment (PEA) on behalf of Sacramento City Unified School District (District) for the proposed rebuild of the elementary school located at 6601 Steiner Drive in the community of Parkway, in unincorporated Sacramento County, California. (Figure 1 *Regional Location* and Figure 2 *Local Vicinity*). The project site occupies approximately 10.1 acres and can be seen in Figure 3, *Aerial Photograph*. The District proposes to rebuild an existing elementary school within the boundary of the 10.1-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 K-6 school and consists of ten buildings: four permanent buildings constructed in 1962 and six portables added to the campus between 1991 and 2003. The campus consists of 28 classrooms in total. The enrollment for school year 2022 was 541 students with a capacity of 683 students. The current Nicholas Elementary School students and staff are temporarily housed during the construction process at the former Clayton B. Wire Elementary School located at 5100 El Paraiso Avenue.

The proposed rebuild project would reduce the number of classrooms from 28 to 27, while maintaining the same student capacity of 683 students. The proposed project would also include a multi-purpose room, kitchen, PE/after school room, food storage area, community room, library, visual and performing arts space, and a resource specialist program space. Recreational facilities will include hardcourts, basketball courts, and a soccer field, with access to the soccer field and basketball courts for community use. The entire 10.1-acre site is included in the rebuild project. The completion date for the construction project is estimated to be June 2025.

Potable water for domestic, fire, and irrigation uses will be provided to the project site by the California American Water Agency and sewer service will be provided by the Sacramento Area Sewer District. There is no recycled water distribution system near this project site.

The project site was historically occupied by grass crops from at least 1937 to about 1957. Sacramento City School District has been operating Nicholas Elementary School on the project site since 1962.

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

- Evaluate if there are any impacts from the historical agricultural activities.

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- 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 July 25, 26, and 27, 2023 to evaluate historical usage of the project site for agriculture, and to assess shallow soils around transformers, and older buildings that predated 1978.
- A total of 164 soil samples plus 24 duplicates were collected from the project area. 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.
- Twenty-nine composite soil samples and four 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.
- Twenty discrete soil samples and two 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 three on-site transformers.
- Eleven 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.
- Twenty-eight discrete soil samples and two duplicates 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 additional 38 discrete soil samples and four duplicates were conducted as part of the step-out sampling program around boring A-15 to determine the extent of lead-impacted soil at this location, as reported in Appendix D.
- After conducting the investigation derived waste removal at this location, one bottom sample at a depth of 2.5 feet bgs and four sidewall samples at a depth of 0.5 feet bgs were collected and analyzed for lead by EPA Method 8010B. Because the reported lead concentration along the south sidewall exceeded the DTSC threshold of 80 mg/kg, two additional excavation efforts were conducted and two additional soil samples were collected and analyzed for lead until concentrations were below 80 mg/kg.

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The results of the field program are summarized below:

- One OCP (trans-chlordane) was detected in one duplicate composite sample at a concentration of 5.6 micrograms per kilogram (ug/kg), which is below the EPA RSL for technical chlordane adjusted for a 2:1 composite of 850 ug/kg. All other OCPs were below laboratory detection limits. Table 2 provides a summary of the OCP concentrations in soil at the site.
- PCBs were not detected above the laboratory detection limits in all of the samples collected beneath classroom windows and next to three on-site transformers, as summarized in Table 3.
- Arsenic concentrations ranged from ND (below laboratory detection limits) to 6.46 mg/kg in the eleven soil samples and two duplicate samples that were collected. The project site arsenic concentrations were compared 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, 2023). The background concentrations of arsenic ranged from 2.9 mg/kg to 7.47 mg/kg. These background concentrations are comparable to the concentrations of arsenic at the project site. Arsenic results are summarized in Table 4 and the background arsenic concentrations are provided in Table 5.
- Lead was detected in all 28 soil samples and two duplicate samples above laboratory detection limits, as summarized in Table 4. Lead concentrations were well below the DTSC screening threshold of 80 mg/kg, except for one location, which had a lead concentration of 292 mg/kg. Additional soil sampling and an investigation derived waste (IDW) was conducted at this location, as discussed in Section 6.
- 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.
- 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.

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 on the site were OCPs, PCBs, arsenic, and lead. PCB concentrations were below detection limits, arsenic concentrations were within background levels, and all lead concentrations in excess of 80 mg/kg were removed from the site. Therefore, the remaining chemical of concern (COC) was trans-chlordane at a concentration of 5.6 ug/kg.

The calculated cumulative carcinogenic risk for the OCP identified in soil at the project site was estimated to be 6.6E-09, which is much less than the DTSC threshold of one in a million (1.0E-06). The total health hazard from the COC identified in soil at the project site was estimated to be 3.2E-04, which is much less than the DTSC threshold of 1.0. Based on the PEA objectives, the results of the data collected during the PEA investigation, and the IDW action at the site, the school site in its current condition would not adversely affect

Executive Summary

students and staff who would occupy the site. Per California Education Code 17213.1, PlaceWorks concludes that no further assessment of the site is necessary and is requesting that DTSC approve the PEA.

1. Introduction

This Preliminary Environmental Assessment (PEA) Report for the Nicholas 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 6601 Steiner Drive in an unincorporated area of Sacramento County, California. During the construction process, the students and staff are housed at another District school site, Clayton B. Wire Elementary School, at 5100 El Paraiso Avenue, Sacramento, CA.

Nicholas Elementary School operates as a K-6 school and consists of ten buildings: four permanent buildings constructed in 1962 and six portables added to the campus between 1991 and 2003. The campus consists of 28 classrooms in total. The enrollment for school year 2022 was 541 students with a capacity of 683 students. The current Nicholas Elementary School students and staff are temporarily housed during the construction process at the former Clayton B. Wire Elementary School located at 5100 El Paraiso Avenue.

The proposed rebuild project would reduce the number of classrooms from 28 to 27, while maintaining the same student capacity of 683 students. The proposed project would also include a multi-purpose room, kitchen, PE/after school room, food storage area, community room, library, visual and performing arts space, and a resource specialist program space. Recreational facilities will include hardcourts, basketball courts, and a soccer field, with access to the soccer field and basketball courts for community use. The entire 10.1-acre site is included in the rebuild project. The completion date for the construction project is estimated to be June 2025.

The project site was historically occupied by grass crops from at least 1937 to about 1957. Sacramento City School District has been operating Nicholas Elementary School on the project site since 1962.

The approximately 10.1-acre project site is bound by single family residences to the north, Vernace Way to the east, single family residences and a California American Water Company facility to the south, and Steiner Drive to the east. The surrounding area is primarily single-family residences. 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) 039-0133-011-0000.

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:

1. Introduction

- 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
- 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 July 19, 2023 and approved by DTSC on July 24, 2023. The PEA Workplan was implemented on July 25-27, 2023. Based on an elevated lead concentration of 292 mg/kg at one location in the former field, a Technical Memorandum Workplan (No. 1) was submitted to DTSC on August 30, 2023 to conduct a step-out sampling program to determine the extent of the elevated lead concentrations. After DTSC approval of the Technical Memorandum Workplan, the additional soil sampling was conducted on September 19, 2023 and it was confirmed that the soil with elevated lead concentrations was limited to a small area around the original A-15 boring. PlaceWorks subsequently submitted Technical Memorandum No. 2 to DTSC to conduct an Investigation Derived Waste (IDW) action at this location. Approval was granted by DTSC on November 3, 2023 to conduct these efforts. Removal of lead-impacted soil was successfully completed on November 20, 2023. A detailed discussion of the results of the soil sampling and IDW efforts are provided in Section 6 of this PEA Report.

1.1 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:

- 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.

1. Introduction

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

1.2 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.

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

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

1. Introduction

- 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 July 25-27, 2023.
- A total of 164 soil samples plus 24 duplicates were collected from the project area. 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.
- Twenty-nine composite soil samples and four 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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- An additional 38 discrete soil samples and four duplicates were conducted as part of the step-out sampling program around boring A-15 to determine the extent of lead-impacted soil at this location, as reported in Appendix E.
- After conducting the investigation derived waste removal at this location, one bottom sample at a depth of 2.5 feet bgs and four sidewall samples at a depth of 0.5 feet bgs were collected and analyzed for lead by EPA Method 8010B. Because the reported lead concentration along the south sidewall exceeded the DTSC threshold of 80 mg/kg, two additional excavation efforts were conducted and two additional soil samples were collected and analyzed for lead until concentrations were below 80 mg/kg.

The results of the field program are summarized below:

- One OCP (trans-chlordane) was detected in one duplicate composite sample at a concentration of 5.6 micrograms per kilogram (ug/kg), which is below the EPA RSL for technical chlordane adjusted for a 2:1 composite of 850 ug/kg. All other OCPs were below laboratory detection limits. Table 2 provides a summary of the OCP concentrations in soil at the site.
- PCBs were not detected above the laboratory detection limits in all of the samples collected beneath classroom windows and next to three on-site transformers, as summarized in Table 3.

1. Introduction

Arsenic concentrations ranged from ND (below laboratory detection limits) to 6.46 mg/kg in the eleven soil samples and two duplicate samples that were collected. The project site arsenic concentrations were compared 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, 2023). The background concentrations of arsenic ranged from 2.9 mg/kg to 7.47 mg/kg. These background concentrations are comparable to the concentrations of arsenic at the project site. Arsenic results are summarized in Table 4 and the background arsenic concentrations are provided in Table 5.

- Lead was detected in all 28 soil samples and two duplicate samples above laboratory detection limits, as summarized in Table 4. Lead concentrations were well below the DTSC screening threshold of 80 mg/kg, except for one location, which had a lead concentration of 292 mg/kg. Additional soil sampling and an investigation derived waste (IDW) was conducted at this location, as discussed in Section 6 and Appendix D.
- 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.
- 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.

1.3 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 Introduction and Summary of PEA Objectives and PEA Report Format;
- Section 2 presents a Site Description of the proposed site;
- Section 3 includes Site History and Background Information;
- Section 4 defines the Apparent Problem;
- Section 5 contains a description of the Site Environmental Setting;
- Section 6 presents a discussion of Sampling Activities and Results;
- Section 7 includes the Human Health Screening Evaluation;
- Section 8 presents the Ecological Screening Evaluation;
- Section 9 includes a summary of Quality Assurance/Quality Control Implementation;
- Section 10 describes Health and Safety Plan (HASp) Implementation;

1. Introduction

- Section 11 presents Field Variances;
- Section 12 contains Findings, Conclusions and Recommendations;
- Section 13 lists References cited in the document; and
- Section 14 provides the signature and qualifications of the PEA preparers.

The appendices to this PEA Report include:

Appendix A – Site Photographs;

Appendix B – Field Notes and Documentation;

Appendix C – Laboratory Reports and Chain-of-Custody Forms;

Appendix D – IDW Action Documentation

Appendix E – Public Participation Notices.

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

1.4 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 and work notices 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 for review. A public hearing will be conducted for the PEA (Option A under AB 972) that will be advertised in the local newspaper. A copy of the public hearing notification that will appear in the newspaper is provided in Appendix E. The Spanish translation of the public hearing notification is currently being 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, transcript of public comments received during the public hearing, and verification letter of Board approval/ratification of the CEQA document for the Nicholas Elementary School rebuild project.

2. Site Description

This section describes the location and ownership of the site as well as other pertinent details required by DTSC regarding the specifics of the site description. The 10.1-acre site has been identified by the District as the Nicholas Elementary School Rebuild Project. The project site is located within Section 33 of Township 8 North, Range 5 East of the Mount Diablo Base Line and Meridian.

2.1 DESCRIPTION AND LOCATION

2.1.1 Site Name

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

2.1.2 Site Address

Nicholas Elementary School is located at 6601 Steiner Drive in the Parkway community of unincorporated Sacramento County. (Figures 1, 2, and 3).

2.1.3 Designated Contact Person

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

2.1.4 Mailing Address

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

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

2.1.5 Telephone Number

The telephone number for Chris Ralston is 916.643.7400.

2.1.6 Other Site Names

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

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

The project has a current USEPA Identification Number - CAC003258787.

2. Site Description

2.1.8 EnviroStor Database Number

The EnviroStor database number for the project site is 60003525 and the site code is 104896.

2.1.9 Assessor's Parcel Number

The 10.1-acre site is located on portions of Assessor's Parcel Number (APN) 039-0133-011-0000.

2.1.10 State Senate and Assembly District

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

2.2 SITE AND VICINITY DESCRIPTION

The 10.1-acre project site encompasses Nicholas Elementary School in the Parkway community of unincorporated Sacramento County. Figure 3 is an aerial photograph that shows the project site boundaries and current site conditions. The project site was used for grass crops from 1937 until 1957. The project site was then utilized as Nicholas Elementary School in 1962 until the present. The ages of the existing structures on the project site are provided in Figure 5. The campus currently consists of 28 classrooms in total with a total building area of 43,318 square feet. The current capacity of the school is 683 students. The project would result in a total of 27 classrooms with a total building area of 49,907 square feet. The project would not change the student capacity.

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. Site photographs are included in Appendix A. Residential development is located to the north, east, south, and west of the project site. There also is a church across Steiner Drive to the east and a California American Water Company facility adjacent to the southeast corner of the school site.

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 38.507879° north latitude and 121.443566° west longitude, in a portion of Section 33 of Township 8 North, Range 5 East of the Mount Diablo Base Line and Meridian.

2.3 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.

2. Site Description

2.3.1 Topography

Topographically, the project site generally slopes to the southwest. 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 25 feet above mean sea level (msl).

2.3.2 Geologic Information

Based on a review of the United States Geological Survey (USGS) 7.5-minute Topographic Series, Sacramento East, California Quadrangle Map (USGS 2018), 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 southwest. 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 feet above mean sea level (msl). No active faults are known to have been mapped within a half mile radius of the property (DOC 2023). The proposed project site is approximately 26.7 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.

2.3.3 Naturally Occurring Asbestos Containing Minerals

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

2.3.4 Radon

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

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

Based on the EPA radon map for California (USEPA 2023), the site is within Zone 3, which is below the level of concern. In addition, a total of seven indoor radon tests were conducted in zip code 95823 and none of the

2. Site Description

test results had a reported radon concentration at or greater than 4 pCi/L (California Department of Public Health, 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.

2.3.5 Groundwater and Surface Water Information

The project site is located in the Sacramento Valley – South American subbasin. The American River, located about 3.8 miles north of the project site, and the Sacramento River, located about 4.3 miles west of the project site, are the principal surface water drainage features. Based on a review of the EDR included in Appendix C, groundwater is expected to be located approximately 52 feet bgs at the project site, with the expected groundwater flow direction to the east-northeast. Based on a review of two Geotracker wells located approximately 200 feet west and northwest of the project site, the groundwater was measured at about 35 feet bgs in 2015 (State Water Resources Control Board 2023).

2.4 PREVIOUS REPORTS

No prior assessments or investigations were found, other than an Initial Study/Mitigated Negative Declaration prepared by PlaceWorks and dated April 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 July 19, 2023 and approved by DTSC on July 24, 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 July 25-27, 2023. Based on an elevated lead concentration of 292 mg/kg at one location in the former field, a Technical Memorandum Workplan (No. 1) was submitted to DTSC on August 30, 2023 to conduct a step-out sampling program to determine the extent of the elevated lead concentrations. After DTSC approval of the Technical Memorandum Workplan, the additional soil sampling was conducted on September 19, 2023 and it was confirmed that the soil with elevated lead concentrations was limited to a small area around the original A-15 boring. PlaceWorks subsequently submitted Technical Memorandum No. 2 to DTSC to conduct an Investigation Derived Waste (IDW) action at this location. Approval was granted by DTSC on November 3, 2023 to conduct these efforts. Removal of lead-impacted soil was successfully completed on November 20, 2023. A detailed discussion of the results of the soil sampling and IDW efforts are provided in Section 6 of this PEA Report and Appendix D.

3. Site History and Background Information

3.1 CURRENT AND HISTORICAL LAND USES

3.1.1 Facility Ownership/Operators

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

3.1.2 Business Type

The site was formerly for grass crops from 1937 until 1957. Nicholas Elementary School was constructed on the site in 1962 and has occupied the site until the present.

3.1.3 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 1962.

3.1.4 Business/Manufacturing Activities

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

3.2 SURROUNDING PROPERTY LAND USES

The adjoining land uses are as follows:

North: Residential

South: Residential

East: Residential and a California American Water Company facility

West: Residential and Allegheny Wesleyan Methodist Church.

Section 17213 of the California Education Code and Section 21151.8 of the California Public Resources Code prohibit construction of a school upon a current or former hazardous waste disposal site or solid waste disposal site. Based on information provided in the PEA Workplan, the proposed elementary school rebuild is not located on a current or former disposal site.

3. Site History and Background Information

3.3 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 grass crops from 1937 until 1957. The project site was then utilized as the Nicholas Elementary school site in 1962 until the present. The former grass crops may have been irrigated based on the darker tonality of the site and the faint north-south oriented tonal patterns across the site. The site also appears to have had some mildly hummocky topography prior to the school construction, with some low areas that may have seasonally flooded.

3.3.1 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 1.8 miles east-southeast of the project site. The well is identified as a plugged and abandoned dry gas hold operated by the Proctor & Gamble Company (CalGEM, 2023).

3.4 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 B.

Based on historical aerial photographs and topographic maps, the adjoining land use was also agriculture until residential development began around 1947 to 1957. Residential development currently surrounds the project site. In addition, there is a California American Water Company facility adjacent to the southeast corner of the property site and there is a church located across Steiner Drive to the east.

3.5 HAZARDOUS MATERIALS/WASTE MANAGEMENT INFORMATION

3.5.1 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 (grass crops) from 1937 until 1957. Nicholas Elementary School was constructed in 1962 and the site has been used as a school site until the present.

A site visit to observe site conditions was conducted by PlaceWorks on January 4, 2023 and July 25, 2023. No weather-related conditions or other conditions that would limit our ability to observe the site occurred during our site reconnaissance. Summarized below are observations relative to specific physical features identified in the PEA Guidance Manual and site photographs are included as Appendix A.

3. Site History and Background Information

Physical Feature	Observations
Site boundaries:	The project site consists of approximately 10 acres of land developed with Nicholas 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 grass crops from 1937 to about 1957. Nicholas Elementary School was constructed in 1962 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 is one pad-mounted transformer and two pole-mounted transformers on the project site, 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 two high voltage overhead electrical lines north of the project site: one 69 kV double-circuit overhead transmission line and one 230 kV double-circuit transmission line that are located within a 100-foot easement that partially extends onto the school property.
High-pressure gas or fuel transmission lines:	No high-pressure gas or fuel pipelines were identified as being located on the site or within 1,500 feet of the site.
Railroad tracks:	No railroad tracks were identified within 1,500 feet of the site.

3. Site History and Background Information

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4. 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.

4. Apparent Problem

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5. Environmental Setting

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

5.1 FACTORS RELATED TO SOIL EXPOSURE PATHWAYS

5.1.1 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 feet above mean sea level (msl). The geographic coordinates for the site are 38.507879° north latitude and 121.443566° west longitude. The project site has a general gradient to the southwest.

5.1.2 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. This region formed as a forearc basin during the subduction of the Pacific plate underneath the North American plate. Valley sediments range from Jurassic to Holocene in age and record a history of 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 and forms terraces. No active faults are known to have been mapped within a half mile radius of the property (DOC 2023). The proposed project site is approximately 26.7 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). The soil layer from 23 to 28 inches is classified as a clay loam. Duripan, cemented by illuvial silica into a subsurface hardpan, was encountered in the excavation at the site at a depth of 2.5 feet bgs. These soils have slow infiltration rates.

Based on the EPA radon map for California (USEPA 2023), 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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5.1.3 Naturally Occurring Asbestos

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

5.1.4 Site Accessibility

The site is accessible from Steiner Way on the west.

5.1.5 Proximity to Nearby Receptors

Residential development surrounds the site. There is also a church (Allegheny Wesleyan Methodist Church) across Steiner Drive to the west. Businesses are present along 47th Avenue, about 0.2 mile north of the site. There is a day care facility approximately 0.2 mile northwest of the site across 47th Avenue at Calvary Christian School. There is an assisted living facility (Sky Park Gardens) approximately 0.5 mile southwest of the school site at 5510 Sky Parkway. No hospitals are present within one mile of the school site.

5.2 FACTORS RELATED TO WATER PATHWAYS

The following sections describe factors related to potential water pathways.

5.2.1 Groundwater Pathway

The site is in the North American subbasin of the Sacramento Valley Groundwater Basin. Based on groundwater information from a facility approximately 0.25 miles northwest of the school site (Speed Bird #1, now Valero gasoline station), the depth to first groundwater varies between about 35 feet below ground surface (bgs) to about 50 feet bgs, and the groundwater flow direction is to the northwest (SWRCB 2023). The release from this location of gasoline constituents was remediated and the case was closed in 2016. Also, the school site is upgradient from this facility and therefore would not have been impacted by any releases. Hydrogeologic investigations were not performed on the site; therefore, it is unknown to what extent localized variations in groundwater are present. However, as discussed in Section 3.6, *Regulatory Status*, 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 greater than 35 feet, the leaching of soil to groundwater pathway is considered to be incomplete.

5.2.2 Surface Water Pathway

The nearest surface water is Morrison Creek, which is located about 0.3 mile east 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 southwest and would be captured by storm drains

5. Environmental Setting

along Vernace Way. 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 (2023) the site is within Zone X, defined as an area with reduced flood risk due to levee protection.

Potable water is provided to the project site by California American Water Agency and sewer service is provided by the Sacramento Area Sewer District. There is not a recycled water distribution system near the project site.

5.2.3 Impacted Aquifers from Site Releases

There are no known site releases.

5.3 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.

Based on the records review, it is unlikely that a potential source of vapor migration currently exists beneath the site from off-site properties. 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.

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6. Sampling Activities and Results

This section describes methods and results of the soil sampling activities conducted at the 10.1-acre site. The initial soil sampling effort was conducted by PlaceWorks on July 25-27, 2023 in accordance with the PEA Workplan. Figure 4, *Proposed Sampling Locations from DTSC-Approved PEA Workplan*, shows the initial sampling locations for the project site. Figure 5, *Ages of Structures*, indicates the dates when various buildings at the school site were constructed. Based on direction from DTSC during the soil sampling effort, additional soil samples were collected for OCPs and some of the sample locations were relocated to be closer to the building footprints. Figure 6, *Building Sampling Locations*, provides the locations of all soil samples collected around the buildings. 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.

Based on an elevated lead concentration of 292 mg/kg at one location (A-15) in the former field, a Technical Memorandum Workplan (No. 1) was submitted to DTSC on August 30, 2023 to conduct a step-out sampling program to determine the extent of the elevated lead concentrations. After DTSC approval of the Technical Memorandum Workplan, the additional soil sampling was conducted on September 19, 2023 and it was confirmed that the soil with elevated lead concentrations was limited to a small area around the original A-15 boring. PlaceWorks subsequently submitted Technical Memorandum No. 2 to DTSC to conduct an Investigation Derived Waste (IDW) action at this location. Approval was granted by DTSC on November 3, 2023 to conduct these efforts. Removal of lead-impacted soil was successfully completed on November 20, 2023. Appendix D contains the Technical Memorandums and laboratory results for the Investigation Derived Waste effort and the waste manifest. A summary of the sampling and analysis program is provided below.

- Initial soil sampling activities were conducted at the site on July 25-27, 2023 for the PEA.
- A total of 164 soil samples plus 24 duplicates were collected from the project area. 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.
- Twenty-nine composite soil samples and four 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.
- Twenty discrete soil samples and two 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 three on-site transformers.
- Eleven 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.

6. Sampling Activities and Results

- Twenty-eight discrete soil samples and two duplicates 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 additional 38 discrete soil samples and four duplicates were conducted as part of the step-out sampling program around boring A-15 to determine the extent of lead-impacted soil at this location, as reported in Appendix D.
- After conducting the investigation derived waste removal at this location, one bottom sample at a depth of 2.5 feet bgs and four sidewall samples at a depth of 0.5 feet bgs were collected and analyzed for lead by EPA Method 8010B. Because the reported lead concentration along the south sidewall exceeded the DTSC threshold of 80 mg/kg, two additional excavation efforts were conducted and two additional soil samples were collected and analyzed for lead until concentrations were below 80 mg/kg.

6.1 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.

6.2 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 1979 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.

The sampling program that was implemented is provided in Table 1 and all sampling locations are shown on Figure 4, *Proposed Sampling Locations from DTSC-Approved PEA Workplan*, and Figure 6, *Sampling Locations from October 2023*. A Professional Geologist was on-site to direct and observe all field activities.

6.2.1 Soil Sampling Methods and Procedures

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

6. Sampling Activities and Results

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 by a licensed Professional Geologist. Soil samples were preserved by placing Teflon™ sheeting and polyethylene caps leaving no headspace and wrapping the samples with Parafilm™ tape or placing them in sealable plastic bags. Field logs and photos are provided in Appendix B.

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

6.2.2 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 were collected and analyzed and are listed on Table 1.

6.2.3 Decontamination Procedures

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

- Non-phosphate detergent and distilled water wash, using a brush; and
- A double deionized/distilled water rinse.

6.2.4 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; and
- Decontamination fluids.
- Incidental volume of soil impacted with lead above the DTSC threshold of 80 mg/kg at one location (approximately 1.1 cubic yards).

6. Sampling Activities and Results

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.

6.3 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.

6.3.1 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 by the field geologist. Groundwater was not encountered, and fill material was not observed.

6.3.2 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. In one of the duplicate composite samples, trans-chlordane was detected at a concentration of 5.6 ug/kg. This concentration is well below the EPA RSL for technical chlordane of 850 ug/kg, adjusted for two samples in the composite. All other OCPs were below laboratory detection limits, which varied between 4.8 and 5.0 ug/kg, depending on the sample matrix. Table 2 provides a summary of the OCP concentrations, and Appendix C includes the laboratory results.

6.3.3 Polychlorinated Biphenyls (PCBs)

Discrete soil samples were collected within approximately two feet of the buildings that pre-dated 1978 and next to three 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. All PCB concentrations were

6. Sampling Activities and Results

below laboratory detection limits, which ranges from 48 to 50 ug/kg, depending on the sample matrix. The results are summarized in Table 3, and the laboratory results are provided in Appendix C.

6.3.4 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 6.46 mg/kg. The arsenic concentrations at the site were compared to background data sets collected from two nearby school sites. One site is Gerber Creek Elementary School (DTSC Site Code 104754), which is located approximately 3.8 miles southeast of the project site. The other site is Chavez-Kemble Elementary School (DTSC Site Code 104870), which is located about 2.0 miles 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 2023). Concentrations at the project site were similar to the background concentrations. A statistical comparison of the data sets was not conducted because of the large number of non-detect concentrations in the project site data set and the small number of samples in the Chavez-Kemble data set. 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.

6.3.5 Lead

Lead was detected in all 30 soil samples collected and analyzed at the site. The concentrations ranged from 5.36 mg/kg to 292 mg/kg. The one soil sample that exceeded the DTSC residential exposure threshold of 80 mg/kg at A-15 was later removed from the site as part of an IDW action, as described in detail in Appendix E. The lead concentrations at the site for soil remaining in place now ranges from 5.36 mg/kg to 59.3 mg/kg, with a 95% UCL of 19 mg/kg. A summary of the lead concentrations is provided in Table 4, the laboratory report is provided in Appendix C, and the IDW action is documented in Appendix D.

6. Sampling Activities and Results

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7. Human Health Screening Evaluation

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

7.1 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 7 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 3. 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 duration of eight to nine hours per day.

7.2 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 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 has a trans-chlordane concentration above laboratory detection limits but below EPA and DTSC screening levels (Table 2). This OCP was identified as a chemical of concern (COC) and carried

7. Human Health Screening Evaluation

forward for the screening level assessment. PCBs were not carried forward as COCs because all detected concentrations were below laboratory detection limits (Table 3). Lead was not carried forward as a COC because all lead concentrations after the IDW removal action at the site were well below the DTSC residential threshold of 80 mg/kg and arsenic concentrations were not carried forward as a COC because on-site arsenic concentrations were within the range of background levels.

7.3 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.

Only one OCP was detected during the soil sampling investigation at a concentration above laboratory detection limits: trans-chlordane at a concentration of 5.6 ug/kg. The following risk assessment was conducted, using the maximum reported OCP concentration 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
Trans-chlordane	0.0056	2	1.7	0.85	0.0066
Total Risk					6.6E-09

The estimated cancer risk for the site using the maximum detected concentration and assuming a residential land use exposure scenario is 6.6E-09, which is below the DTSC level of concern of 1.0E-06.

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
Trans-Chlordane	0.0056	2	35	17.5	3.2E-04
Total Hazard					3.2E-04

The hazard index (HI) for noncarcinogenic risk for exposure to organochlorine pesticides in soil was significantly less than 1.0, using the maximum concentration 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.

7. Human Health Screening Evaluation

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 concentration. Only one pesticide was detected in the 33 soil samples that were collected and analyzed for OCPs at the site, and the risk analysis conservatively assumes that the soil with the highest reported concentration is present throughout the site.

Although lead was detected at one location at a concentration of 292 mg/kg, which exceeded the DTSC residential land use threshold of 80 mg/kg, the soil at this location was subsequently removed and 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, and the 95% Student's-t UCL was calculated to be 19.26 mg/kg, which is well below the DTSC threshold of 80 mg/kg. The computer output is provided in Appendix D at the end of the laboratory reports. Therefore, the concentrations of lead in soil at the site do not pose a threat to the health of students or staff at the school site.

7.4 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.

7. Human Health Screening Evaluation

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8. Ecological Screening Evaluation

8.1 SITE CHARACTERIZATION

Based on visual observations during the site visit and information provided by the District, the site is currently a school campus. The area is disturbed and does not support wildlife habitats.

8.2 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.

8.3 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.

8.4 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.

8. Ecological Screening Evaluation

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9. Quality Assurance/Quality Control Implementation

The Quality Assurance/Quality Control (QA/QC) Program was implemented in accordance with the DTSC PEA Guidance Manual (DTSC 2015). The primary quality control features of the QA/QC program include the collection and analysis of field quality control samples and the data validation. All proper chain of custody procedures were followed, and the chain of custody forms are included in the back of the laboratory reports in Appendix D. 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. No data qualifiers were recorded in the laboratory reports.

9. Quality Assurance/Quality Control Implementation

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

9.1 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. No qualifiers were noted on the soil sample analytical results; however, there were some qualifiers on the QA/QC samples as noted below.

9.2 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. 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, with the exception noted below. MS and MSD were performed at the required frequencies. One of the MS samples was outside of the recovery limit due to matrix interference, as noted below.

The laboratory reported continuing calibration verification (CCV) and surrogate recovery issues as detailed below. The CCV recoveries associated with two batches of samples were high and outside the control limit for DCB decachlorobiphenyl (surrogate) and 4,4-DDE on one column. If CCV recoveries are above criteria, a high bias is assumed for those analytes. High bias would not be of concern for analytes that are not detected, as is the case with 4,4-DDE. Also, for Method 8081A, the laboratory requires dual column confirmation of all reportable results. Results were confirmed on both columns and reported from the passing column.

The matrix spike (MS) for Composite 1 was below control limits. However, the matrix spike duplicate (MSD) and the Composite 1 duplicate were within control limits. The laboratory reported that the surrogate recovery issue was due to matrix interference. The laboratory notes are provided below:

9. Quality Assurance/Quality Control Implementation

- The continuing calibration verification (CCV) associated with 570-350763 recovered high and outside the control limits for DCB decachlorobiphenyl (surrogate) on one column. Results are confirmed on both columns and reported from the passing column. The associated samples are CCV 570-350763/28 and CCV 570-350763/41.
- The continuing calibration verification (CCV) associated with 570-350763 recovered above the control limit for 4,4-DDE on one column. Results are confirmed on both columns and reported from the passing column. The associated samples are CCV 570-350763/28 and CCV 570-350763/41.
- The continuing calibration verification (CCV) associated with 570-350763 recovered above the control limit for 4,4-DDE. The equipment blank samples associated with this CCV were non-detect for the affected analytes; therefore, the data have been reported. The associated samples are EB072723, EB072623 and 550-205500-AM-2-A.
- Surrogate recovery for Composite 1@0.5' matrix spike (MS) was outside of the control limit. Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.
- The continuing calibration verification (CCV) associated with 570-353493 recovered high and outside the control limit for DCB (surrogate) and 4,4-DDE on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is CCV 570-353493/28.
- The continuing calibration verification (CCV) associated with 570-353493 recovered above the upper control limit for toxaphene. The samples associated with this CCV were non-detects for the affected analysis; therefore, the data have been reported. The associated samples are Composite 8@3.0', Composite 8DUP@3.0', Composite 9@0.5', Composite 9DUP@0.5', and Composite 9@3.0'.

In addition, Sample A-17@0.5' had an elevated reporting limit due to an insufficient amount of sample provided for preparation. The arsenic concentration for this sample was reported as ND(<6.00mg/kg); the lead concentration was reported to be 13.7 mg/kg.

9.3 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.

9.4 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

9. Quality Assurance/Quality Control Implementation

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 no qualified J or B values in the analytical results.

9.5 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.

9.6 DATA VALIDATION CHART

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

QUALITY INDICATOR	ACCEPTABILITY	
	SOIL	
	EPA Method 6010B	EPA Method 8081A
	Target Analyte: Arsenic	Target Analyte: 4,4-DDE
Completeness of Laboratory Reports (e.g., laboratory, client, and sample identifications; ELAP certification number, project name, sample matrix, sample collection, preservation, preparation, extraction, analysis dates; analytical methods; analytes; reporting units and limits; dilution factors; report page numbering system; designated title and signatures)	Y	Y
Reporting Limit (RL)	Y 3.0 mg/kg	Y 0.005 mg/kg
Chain of Custody	Y	Y
Sample Containers and Conditions	Y	Y
Holding Time (<28 days)	Y	Y
Sample Preservation	Y	Y
Equipment Rinseate Blanks	Y	Y
Field Duplicates	Y	Y
Field QC Samples – Others	NA	NA
Surrogate Recoveries	NA	Y
Method Blanks	Y	Y
LCS % Recovery	Y	Y
MS/MSD % Recovery	Y	See discussion above
MS/MSD % RPD	Y	See discussion above
Laboratory Duplicates	Y	Y
Laboratory QC Samples – Others	NA	NA
Compound Identification	Y	Y
Compound Quantitation	Y	Y
Dilution Factors	Y	Y

9. Quality Assurance/Quality Control Implementation

Data Qualifiers	Y	Y
Confirmation of Positive Samples	NA	NA
Observations of Significance	NA	NA
Case Narrative	Y	Y
Instrument Tuning	NA	NA
Initial Calibration	Lab	Lab
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

9. Quality Assurance/Quality Control Implementation

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10. 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.

10. Health and Safety Procedures

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11. Field Variances

Soil sampling at the project site was conducted in general accordance with the approved PEA Workplan, with the following exceptions. Based on direction from DTSC during the soil sampling effort, additional soil samples were collected and analyzed for OCPs and some of the sample locations were relocated to be closer to the building footprints, as shown in Figure 6, *Building Sampling Locations*. In addition, based on one location in the field area that had an elevated concentration of lead, a step-out sampling program and 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.

11. Field Variances

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12. Findings, Conclusions and Recommendations

This Preliminary Environmental Assessment Report for the Proposed Nicholas 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 10.1-acre site is located at 6601 Steiner Drive in the community of Parkway, in unincorporated Sacramento County, California (Figure 1, *Site Location*; Figure 2, *Local Vicinity*, and Figure 3, *Aerial Photograph*). The Assessor's Parcel Number for the project is APN 039-0133-011-0000.

The site is bounded by single family residences to the north, Vernace Way to the east, single family residences and a California American Water Company facility to the south, and Steiner Drive to the east. The surrounding area is primarily single-family residences. The current configuration of the school site is shown in Figure 3, *Aerial Photograph*. The project site was historically occupied by grass crops from at least 1937 to about 1975. Sacramento City Unified School District has been operating Nicholas Elementary School on the project site since 1962.

12.1 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 1962. Due to the age of former structures and older current structures, DTSC requires 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 (grass crops) that were possibly irrigated from at least 1937 until about 1957.

Because the proposed project is rebuilding an existing school, testing was implemented to assess these issues following DTSC's *Interim Guidance for Evaluating School Sites with Potential Soil Contamination as a result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* dated June 2006 and DTSC's *Interim Guidance for Sampling Agricultural Properties (Third Revision)* dated August 2008. Also, the recommendations and procedures provided in DTSC's HHRA Note Number 8: *Recommendations for Evaluating Polychlorinated Biphenyls (PCBs) at Contaminated Sites in California* and the US Environmental Protection Agency's guidance on its website, *Polychlorinated Biphenyls (PCBs) in Older Buildings*, were used to guide the investigation of potential PCB impacts at the site. The investigation results are discussed below.

12.2 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:

12. Findings, Conclusions and Recommendations

- Soil sampling activities were conducted at the site on July 25, 26, and 27, 2023 to evaluate historical usage of the project site for agriculture, and to assess shallow soils around transformers, and older buildings that predated 1978.
- A total of 164 soil samples plus 24 duplicates were collected from the project area. 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.
- Twenty-nine composite soil samples and four 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.
- Twenty discrete soil samples and two 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 three on-site transformers.
- Eleven 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.
- Twenty-eight discrete soil samples and two duplicates 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 additional 38 discrete soil samples and four duplicates were conducted as part of the step-out sampling program around boring A-15 to determine the extent of lead-impacted soil at this location, as reported in Appendix E.
- After conducting the investigation derived waste removal at this location, one bottom sample at a depth of 2.5 feet bgs and four sidewall samples at a depth of 0.5 feet bgs were collected and analyzed for lead by EPA Method 8010B. Because the reported lead concentration along the south sidewall exceeded the DTSC threshold of 80 mg/kg, two additional excavation efforts were conducted and two additional soil samples were collected and analyzed for lead until concentrations were below 80 mg/kg.

The results of the field program are summarized below:

- One OCP (trans-chlordane) was detected in one duplicate composite sample at a concentration of 5.6 micrograms per kilogram (ug/kg), which is below the EPA RSL for technical chlordane adjusted for a 2:1 composite of 850 ug/kg. All other OCPs were below laboratory detection limits. Table 2 provides a summary of the OCP concentrations in soil at the site.
- PCBs were not detected above the laboratory detection limits in all of the samples collected beneath classroom windows and next to three on-site transformers, as summarized in Table 3.

12. Findings, Conclusions and Recommendations

- Arsenic concentrations ranged from ND (below laboratory detection limits) to 6.46 mg/kg in the eleven soil samples and two duplicate samples that were collected. The project site arsenic concentrations were compared 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, 2023). The background concentrations of arsenic ranged from 2.9 mg/kg to 7.47 mg/kg. These background concentrations are comparable to the concentrations of arsenic at the project site. Arsenic results are summarized in Table 4 and the background arsenic concentrations are provided in Table 5.
- Lead was detected in all 28 soil samples and two duplicate samples above laboratory detection limits, as summarized in Table 4. Lead concentrations were well below the DTSC screening threshold of 80 mg/kg, except for one location, which had a lead concentration of 292 mg/kg. Additional soil sampling and an investigation derived waste (IDW) was conducted at this location, as discussed in Section 6. All remaining soil at the site has lead concentrations well below 80 mg/kg.
- 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.
- 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.

12.3 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 lead-impacted soil at the site was removed as part of the IDW action documented in Appendix E. One chemical of concern (COC) was detected at the site (trans-chlordane at a concentration of 5.6 ug/kg). 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. 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.

12. Findings, Conclusions and Recommendations

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13. References

1. California Department of Conservation, Geologic Energy Management Division, 2023. Well Finder website located at <http://www.conservation.ca.gov/dog/Pages/Wellfinder.aspx>.
2. California Department of Conservation, 2023. Fault Activity Map of California. <http://maps.conservation.ca.gov/cgs/fam/>
3. California Department of Public Health, 2023. California Radon Indoor Test Results located at <https://www.cdph.ca.gov/Programs/CEH/DRSEM/CDPH%20Document%20Library/EMB/Radon/Radon%20Test%20Results.pdf>.
4. California Department of Toxic Substances Control (DTSC), 2008. Interim Guidance for Sampling Agricultural Properties (Third Revision).
5. DTSC, 2015. Preliminary Endangerment Assessment Guidance Manual, January 1994, Interim Final – Revised October 2015.
6. DTSC, 2022. Human Health Risk Assessment (HHRA) Note; Hero HHRA Note Number 3; Release Date: May 2022.
7. DTSC, 2020. Human Health Risk Assessment (HHRA) Note No. 8, Recommendations for Evaluating Polychlorinated Biphenyls (PCBs) at Contaminated Sites in California.
8. California Geological Survey (CGS) [formerly California Division of Mines and Geology], 2002. California Geomorphic Provinces, Note 36, dated December 2002.
9. California Division of Mines and Geology (CDMG), 2000. “A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Natural Occurring Asbestos.” August 2000.
10. Dawson, T. E., 2009. Preliminary Geologic Map of the Lodi 30’ x 60’ Quadrangle, California. California Geological Survey Preliminary Geologic Map Series, scale 1:100,000.
11. Federal Emergency Management Agency, 2023. FEMA Flood Map Service Center. <https://msc.fema.gov/portal/search?AddressQuery=6601%20Steiner%20Drive%2C%20Sacramento%2C%20CA>
12. McPherson, B., and G. Garven, 1999. Hydrodynamics and overpressure mechanisms in the Sacramento Basin, California. *American Journal of Science* 299: 429-466.
13. Norris, R. M., and R. W. Webb, 1990. *Geology of California*, Second Edition. New York: John Wiley & Sons, Inc.
14. PlaceWorks, 2023. Site visit performed by Dwayne Mears of PlaceWorks on January 4, 2023 and Mike Watson of PlaceWorks on July 25, 2023.
15. PlaceWorks, 2023. Initial Study/Mitigated Negative Declaration – Nicholas Elementary School Replacement Project. Prepared for Sacramento City Unifies School District. Dated April 2023.
16. State Water Resources Control Board, 2023. Geotracker Information, Speedbird #1 Individual Well Analytical Data, https://geotracker.waterboards.ca.gov/profile_report?global_id=T0606700903&mytab=esidata#esidata.

13. References

17. United States Department of Agriculture (USDA), Natural Resources Conservation Service, 2023. <https://websoilsurvey.nrcs.usda.gov/app/>.
18. United States Environmental Protection Agency (USEPA), 2023. Polychlorinated Biphenyls (PCBs) in Building Materials. <https://www.epa.gov/pcbs/polychlorinated-biphenyls-pcbs-building-materials>
19. USEPA, 2023. Radon Map of California. <https://www.epa.gov/sites/default/files/2014-08/documents/california.pdf>.
20. USEPA, 2020. National Functional Guidelines for Inorganic Superfund Methods Data Review. USEPA Document No. 542-R-20-006.
21. USEPA, 2020. National Functional Guidelines for Organic Superfund Methods Data Review. USEPA Document No. EPA 540-R-20-005.
22. USEPA, 2023. Pacific Southwest, Region 9. Regional Screening Levels. Updated November 2023. <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
23. USEPA, 1992. Office of Solid Waste and Emergency Response Directive 9345.3-03FS. Guide to Management of Investigation-Derived Wastes. Dated April 1992.
24. United States Geological Survey (USGS), 2018. 7.5' Topographic Series, Sacramento East, California Quadrangle Map, scale 1:24,000.
25. Van Gosen, B. S., and J. P. Clinkenbeard, 2011. Reported Historic Asbestos Mines, Historic Asbestos Prospects, and Other Natural Occurrences of Asbestos in California, USGS Open-File Report 2011-1188, scale 1:990,000.

14. 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 and implementation of the field work
- 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.



Cathleen Fitzgerald

14. Signature and Qualifications of PEA Preparers

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Tables

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

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A Organochlorine Pesticides	EPA 8082 Polychlorinated Biphenyls	EPA 6010B Arsenic	EPA 6010B Lead
A-1, A-2, A-3, A-4	0' - 0.5'	Former Agriculture	C		2D (A-1, A-3)	2D (A-1, A-3)
	2.5' - 3.0'		-		-	-
A-1 DUP, A-2 DUP, A-3 DUP, A-4 DUP	0' - 0.5'	Duplicate	C DUP		D DUP (A-1 DUP)	2D DUP (A-1 DUP, A-3 DUP)
	2.5' - 3.0'		-		-	-
A-5, A-6, A-9, A-10	0' - 0.5'	Former Agriculture	C		2D (A-5, A-10)	2D (A-5, A-10)
	2.5' - 3.0'		-		-	-
A-7, A-11, A-12, A-16	0' - 0.5'	Former Agriculture	C		2D (A-11, A-16)	2D (A-11, A-16)
	2.5' - 3.0'		-		-	-
A-8, A-13, A-17, A-20	0' - 0.5'	Former Agriculture	C		2D (A-8, A-17)	2D (A-8, A-17)
	2.5' - 3.0'		-		-	-
A-14, A-15, A-18, A-19	0' - 0.5'	Former Agriculture	C		3D (A-15, A-18, A-19)	3D (A-15, A-18, A-19)
	2.5' - 3.0'		-		-	-
B-2, B-3	0' - 0.5'	Existing Building Predating 1978		2D (B-2, B-3)		2D (B-2, B-3)
	2.5' - 3.0'		-		-	-
B-4	0' - 0.5'	Former Building Predating 1978		D		D
	2.5' - 3.0'		-		-	-
B-4 DUP	0' - 0.5'	Duplicate		D DUP		
	2.5' - 3.0'		-		-	-
B-6, B-7	0' - 0.5'	Existing Building Predating 1978		2D (B-6, B-7)		2D (B-6, B-7)
	2.5' - 3.0'		-		-	-
B-8, B-9,	0' - 0.5'	Existing Building Predating 1978		2D (B-8, B-9)		2D (B-8, B-9)
	2.5' - 3.0'		-		-	-
B-10	0' - 0.5'	Existing Building Predating 1978		D		D
	2.5' - 3.0'		-		-	-
B-13, B-14	0' - 0.5'	Former Building Predating 1978		2D (B-13, B-14)		2D (B-13, B-14)
	2.5' - 3.0'		-		-	-
B-15, B-16	0' - 0.5'	Existing Building Predating 1978		2D (B-15, B-16)		2D (B-15, B-16)
	2.5' - 3.0'		-		-	-
B-18, B-19, B-20	0' - 0.5'	Existing Building Predating 1978		3D (B-18, B-19, B-20)		2D (B-18, B-19, B-20)
	2.5' - 3.0'		-		-	-
B-21	0' - 0.5'	Existing Building Predating 1978		D		D
	2.5' - 3.0'		-		-	-
B-28	0' - 0.5'	Existing Building Predating 1978		D		D
	2.5' - 3.0'		-		-	-
T-1	0' - 0.5'	Pad-Mounted Transformer		D		
	2.5' - 3.0'		-		-	-
T-1 DUP	0' - 0.5'	Duplicate		D DUP		
	2.5' - 3.0'		-		-	-
T-2	0' - 0.5'	Pole-Mounted Transformer		D		
	2.5' - 3.0'		-		-	-
T-3	0' - 0.5'	Pole-Mounted Transformer		D		
	2.5' - 3.0'		-		-	-
C-1, C-2, C-3	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-4, C-6, C-10	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-5, C-7	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-5DUP, C-7DUP	0' - 0.5'	Existing Building Predating 1978	C DUP			
	2.5' - 3.0'		-			
C-8, C-9	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-8DUP, C-9DUP	0' - 0.5'	Existing Building Predating 1978	C-DUP			
	2.5' - 3.0'		-			
C-11, C-12, C-13	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-11, C=15, C-16	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-14, C17, C-20	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-18, C-19	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-21, C-22	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-23, C-24	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-25, C-26	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-27, C-28	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
C-29, C-30, C-31	0' - 0.5'	Existing Building Predating 1978	C			
	2.5' - 3.0'		-			
3 EB	NA	Quality Control	3D	2D	2D	2D
TOTAL			29 C, 4 C DUP, 3 EB	20 D, 2 D DUP, 2 EB	11 D, 1 DUP, 2 EB	28 D, 2 D DUPs, 2 EB

Notes:

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 IN SOIL
 Nicholas Elementary School
 Sacramento City School District
 Sacramento, California

Sample Number	Sample Date	Concentration (micrograms per kilogram (ug/kg))																				
		Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC	cis-Chlordane	trans-Chlordane	4,4' DDD	4,4' DDE	4,4' DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
Composite 1@0.5': A-1, A-2, A-3, A-4	7/26/2023	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<24
Composite 1DUP@0.5': A-1DUP, A-2DUP, A-3DUP, A-4DUP	7/26/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 2@0.5': A-5, A-6, A-9, A-10	7/26/2023	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25
Composite 3@0.5': A-7, A-11, A-12, A-16	7/26/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 4@0.5': A-8, A-13, A-17, A-20	7/26/2023	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25
Composite 5@0.5': A-14, A-15, A-18, A-19	7/26/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<24
Composite 6@0.5': C-1, C-2, C-3	7/27/2023	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25
Composite 6@3.0': C-1, C-2, C-3	7/27/2023	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<24
Composite 7@0.5': C-4, C-6, C-10	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 7@3.0': C-4, C-6, C-10	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<24
Composite 8@0.5': C-5, C-7	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 8DUP@0.5': C-5DUP, C-7DUP	7/27/2023	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25
Composite 8@3.0': C-5, C-7	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<24
Composite 8DUP@3.0': C-5DUP, C-7DUP	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 9@0.5': C-8, C-9	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<24
Composite 9 DUP@0.5': C-8DUP, C-9DUP	7/27/2023	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25
Composite 9@3.0': C-8, C-9	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<24
Composite 10@0.5': C-11, C-12, C-13	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 10@3.0': C-11, C-12, C-13	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<24
Composite 11@0.5': C-11, C-15, C-16	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 11@3.0': C-11, C-15, C-16	7/27/2023	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25
Composite 12@0.5': C-14, C-17, C-20	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<24
Composite 12@3.0': C-14, C-17, C-20	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<24
Composite 13@0.5': C-18, C-19	7/27/2023	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<24
Composite 13@3.0': C-18, C-19	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 14@0.5': C-21, C-22	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 14@3.0': C-21, C-22	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<24
Composite 15@0.5': C-23, C-24	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 15@3.0': C-23, C-24	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 16@0.5': C-25, C-26	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 16@3.0': C-25, C-26	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
Composite 17@0.5': C-27, C-28	7/27/2023	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25
Composite 17@3.0': C-27, C-28	7/27/2023	ND<1.6	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<24
Composite 18@0.5': C-29, C-30, C-31	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<24
Composite 18@3.0': C-29, C-30, C-31	7/27/2023	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<25
EQUIPMENT BLANK		Concentration (micrograms per liter (ug/l))																				
EB072523	7/25/2023	<0.021	<0.0083	<0.031	<0.021	<0.0083	<0.021	<0.062	<0.041	<0.021	<0.021	<0.021	<0.0083	<0.041	<0.021	<0.021	<0.021	<0.021	<0.0083	<0.041	<0.041	<0.41
EB072623	7/26/2023	<0.020	<0.0080	<0.030	<0.020	<0.0080	<0.020	<0.060	<0.040	<0.020	<0.020	<0.020	<0.0080	<0.040	<0.020	<0.020	<0.020	<0.020	<0.0080	<0.040	<0.040	<0.40
EB072723	7/27/2023	<0.020	<0.0083	<0.030	<0.020	<0.0080	<0.020	<0.060	<0.040	<0.020	<0.020	<0.020	<0.0080	<0.040	<0.020	<0.020	<0.020	<0.020	<0.0080	<0.040	<0.040	<0.40
Maximum Concentration Detected		ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA Region 9 RSL or DTSC-SL		39	86	300	--	570	1,700	1,700	2,300	2,000	1,900	34	--	--	--	--	--	--	130	70	--	450
RSL or DTSC-SL adjusted for 2 samples in composite		19.5	43	150	--	285	850	850	1150	1000	950	17	--	--	--	--	--	--	65	35	--	225
RSL or DTSC-SL adjusted for 3 samples in composite		13	29	100	--	190	567	567	767	667	633	11	--	--	--	--	--	--	43	23	--	150
RSL or DTSC-SL adjusted for 4 samples in composite		9.75	21.5	75	--	143	425	425	575	500	475	8.5	--	--	--	--	--	--	33	18	--	113
EPA Region 9 RSL or DTSC-SL		RSL	RSL	RSL	--	RSL	RSL	RSL	RSL	RSL	RSL	RSL	--	--	--	--	--	--	RSL	RSL	--	DTSC-SL

Notes:
 < - Non detect at the established method detection limit.
 -- = not established
 Technical chlordane used as RSLs for cis-chlordane and trans-chlordane
 EPA= Environmental Protection Agency, RSL= Regional Screening Levels November 2023
 DTSC= Department of Toxic Substances Control, SLs= Screening Levels
 Samples analyzed by EPA Method 8081A

Table 3
SUMMARY TABLE OF POLYCHLORINATED BIPHENYLS IN SOIL
Nicholas Elementary School Rebuild
Sacramento City Unified School District
Sacramento County, California

Sample Number	Sample Depth	Sample Date	Concentration (micrograms per kilogram [µg/kg])						
			PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
B-2	0.5'	7/25/2023	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
B-3	0.5'	7/25/2023	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
B-4	0.5'	7/25/2023	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
B-4DUP	0.5'	7/25/2023	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48
B-6	0.5'	7/25/2023	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
B-7	0.5'	7/25/2023	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
B-8	0.5'	7/25/2023	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
B-9	0.5'	7/25/2023	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
B-10	0.5'	7/25/2023	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
B-13	0.5'	7/25/2023	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48
B-14	0.5'	7/25/2023	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
B-15	0.5'	7/25/2023	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
B-16	0.5'	7/25/2023	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
B-18	0.5'	7/25/2023	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
B-19	0.5'	7/25/2023	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48
B-20	0.5'	7/25/2023	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48
B-21	0.5'	7/25/2023	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
B-28	0.5'	7/25/2023	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
T-1	0.5'	7/26/2023	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
T-1DUP	0.5'	7/26/2023	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
T-2	0.5'	7/26/2023	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48
T-3	0.5'	7/26/2023	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
Equipment Blank			Concentration (micrograms per liter [µg/L])						
EB072523			ND<0.41	ND<0.41	ND<0.41	ND<0.41	ND<0.41	ND<0.41	ND<0.41
EB072623			ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40
EPA Region 9 RSLs for PCBs			6600	200	170	230	230	240	240

Notes:

ND< - Non detect at the established method detection limit. DUP = Duplicate Sample

Samples analyzed by EPA Method 8082

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

Reference: USEPA, 2023. Regional Screening Level (RSL) Summary Table (TR=1E-06; HQ=1) November 2023.

The complete laboratory analytical reports are included in Appendix C.

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

Concentration (milligrams per kilogram [mg/kg])				
Sample Number	Sample Depth	Sample Date	Arsenic	Lead
A-1	0.5'	7/26/2023	ND<3.0	13.2
A-1DUP	0.5'	7/26/2023	4.09	10.7
A-3	0.5'	7/26/2023	ND<3.02	16.5
A-3DUP	0.5'	7/26/2023	NA	12.1
A-5	0.5'	7/26/2023	4.09	11.8
A-8	0.5'	7/26/2023	6.08	11.5
A-10	0.5'	7/26/2023	6.46	59.3
A-11	0.5'	7/26/2023	3.03	13
A-15	0.5'	7/26/2023	ND<2.99	292
A-16	0.5'	7/25/2023	ND<2.96	15.1
A-17	0.5'	7/26/2023	ND<6.00	13.7
A-18	0.5'	7/26/2023	ND<2.99	19
A-19	0.5'	7/26/2023	4.04	14.7
B-2	0.5'	7/25/2023	NA	12.8
B-3	0.5'	7/25/2023	NA	10.5
B-4	0.5'	7/25/2023	NA	16.8
B-6	0.5'	7/25/2023	NA	10.3
B-7	0.5'	7/25/2023	NA	18.6
B-8	0.5'	7/25/2023	NA	16.5
B-9	0.5'	7/25/2023	NA	13.4
B-10	0.5'	7/25/2023	NA	13.2
B-13	0.5'	7/25/2023	NA	21.8
B-14	0.5'	7/25/2023	NA	14.8
B-15	0.5'	7/25/2023	NA	5.36
B-16	0.5'	7/25/2023	NA	11.8
B-18	0.5'	7/25/2023	NA	11.3
B-19	0.5'	7/25/2023	NA	23.2
B-20	0.5'	7/25/2023	NA	10.4
B-21	0.5'	7/25/2023	NA	13.4
B-28	0.5'	7/25/2023	NA	34.1
Equipment Blank		Concentration (milligrams per liter [mg/l])		
EB072523		7/25/2023	ND<0.100	ND<0.05
EB072623		7/26/2023	ND<0.100	ND<0.05

Notes:

The complete laboratory analytical reports are included in Appendix C.

NA = not analyzed; ND = not detected at given reporting limit

Highlighted result exceeded the DTSC Screening Level of 80 mg/kg for lead.

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

**TABLE 5
SUMMARY TABLE OF BACKGROUND ARSENIC IN SOIL**

**Gerber Creek Elementary School (DTSC Site Code: 104754)
Elk Grove Unified School District
Sacramento County, California**

		Concentration (mg/kg)
Sample Number	Sample Date	Arsenic
B-3@2.5'	9/13/2016	5.83
B-3DUP@2.5'	9/13/2016	5.53
B-4@0.5'	9/13/2016	4.27
B-4 DUP@0.5'	9/13/2016	4.26
B-7@0.5'	9/13/2016	4.07
B-7@2.5'	9/13/2016	7.47
B-15@0.5'	9/13/2016	4.3
B-16@0.5'	9/13/2016	5.07
B-18@0.5'	9/13/2016	3.7
B-19@2.5'	9/13/2016	3.83
B-21@0.5'	9/13/2016	3.8
B-22@0.5'	9/13/2016	4.17
Arithmetic Mean Concentration		4.7

Notes:

Samples analyzed by EPA Method 6010B

Gerber Creek Elementary School is located approximately 3.8 miles southeast of the project site.

Chavez-Kemble Elementary School is located about 2.0 miles southwest of the project site.

Both sites and Nicholas Elementary School 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**

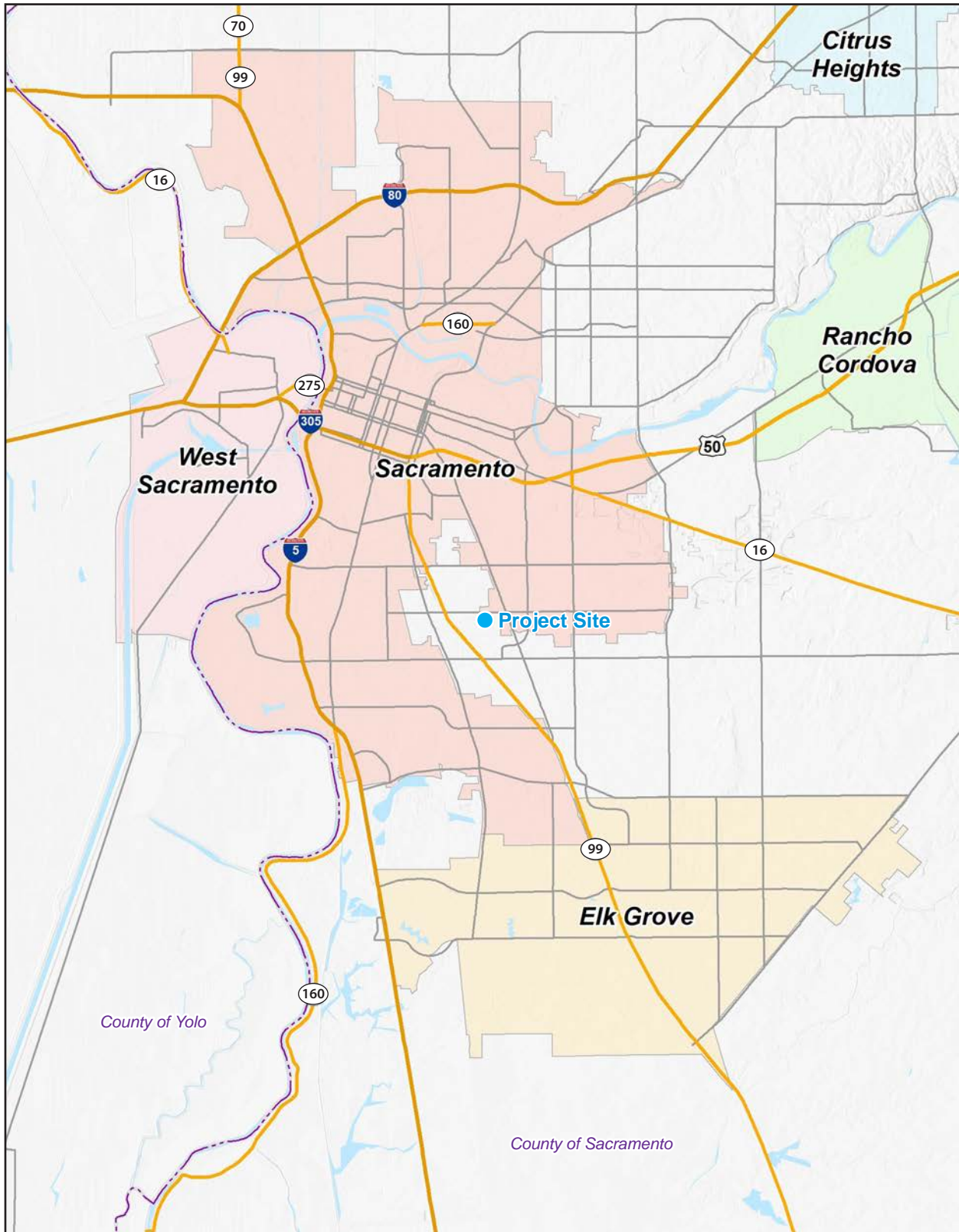
		Concentration (mg/kg)
Sample Number	Sample Date	Arsenic
A-1@0.5'	4/22/2023	4.2
A-1DUP@0.5'	4/22/2023	4.5
A-3@0.5'	4/22/2023	3.9
A-9@0.5'	4/22/2023	3.3
A-13@0.5'	4/22/2023	4.2
A-16@0.5'	4/22/2023	2.9
Arithmetic Mean Concentration		3.8

Tables

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Figures

Figure 1 - Regional Location

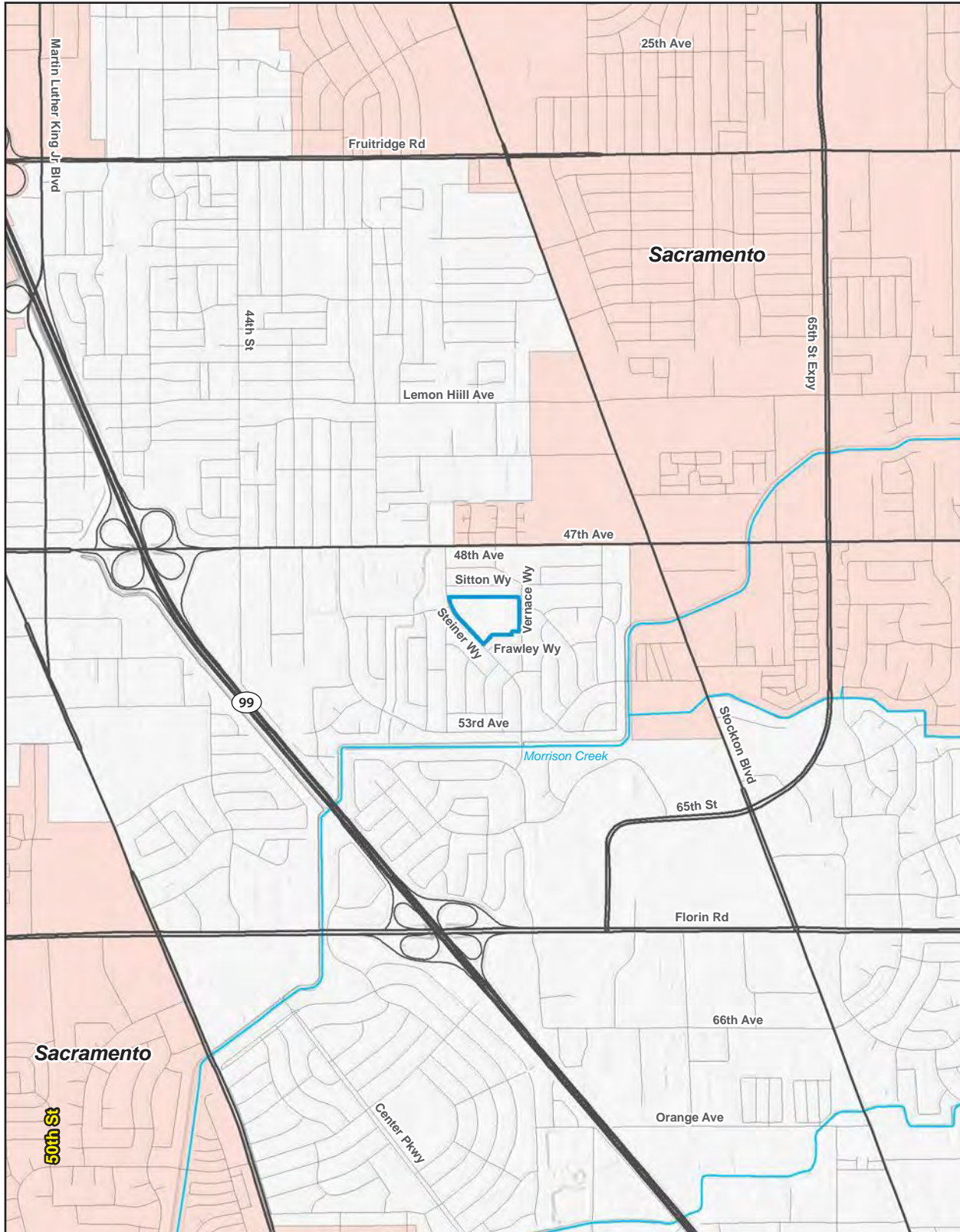



Note: Unincorporated county areas are shown in white.

Source: Generated using ArcMap, Inc., 2023.



Figure 2 - Local Vicinity



 Nicholas Elementary School Boundary

Note: Unincorporated county areas are shown in white.

Source: Generated using ArcMap, Inc., 2023.

0 2,000
Scale (Feet)



Figure 3 - Aerial Photograph



- Nicholas Elementary School Boundary
- California American Water-Owned Facility







0 270
Scale (Feet)




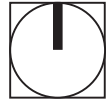
Source: Nearmap, Inc., 2023.

Figure 4 - Proposed Sampling Locations from DTSC-approved PEA Workplan



 Nicholas Elementary School Boundary	 A-X Agricultural Sampling Locations (20)	 Transformers (3)
 California American Water-Owned Facility	 B-X Building Sampling Locations (28)	 T-X Transformer Sampling Locations (3)

0  140
Scale (Feet)

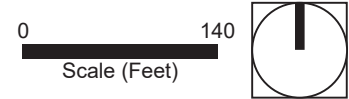


Source: Nearmap, Inc., 2023.

Figure 5 - Ages of Structures



— Nicholas Elementary School Boundary
— California American Water-Owned Facility
XXXX Structure Build Date



Source: Nearmap, Inc., 2023; HMC Architects 2023.

Figure 6 - Building Sampling Locations

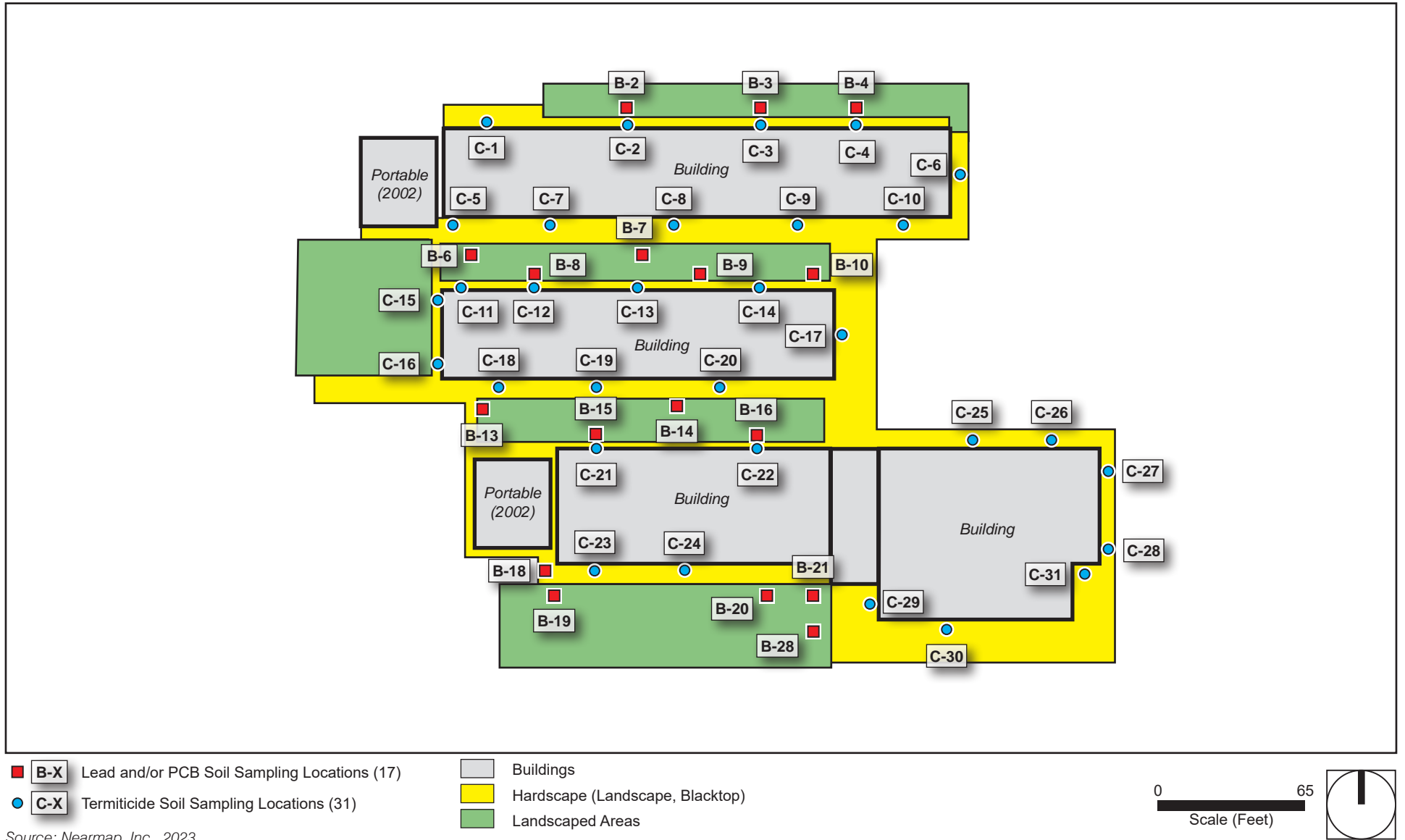
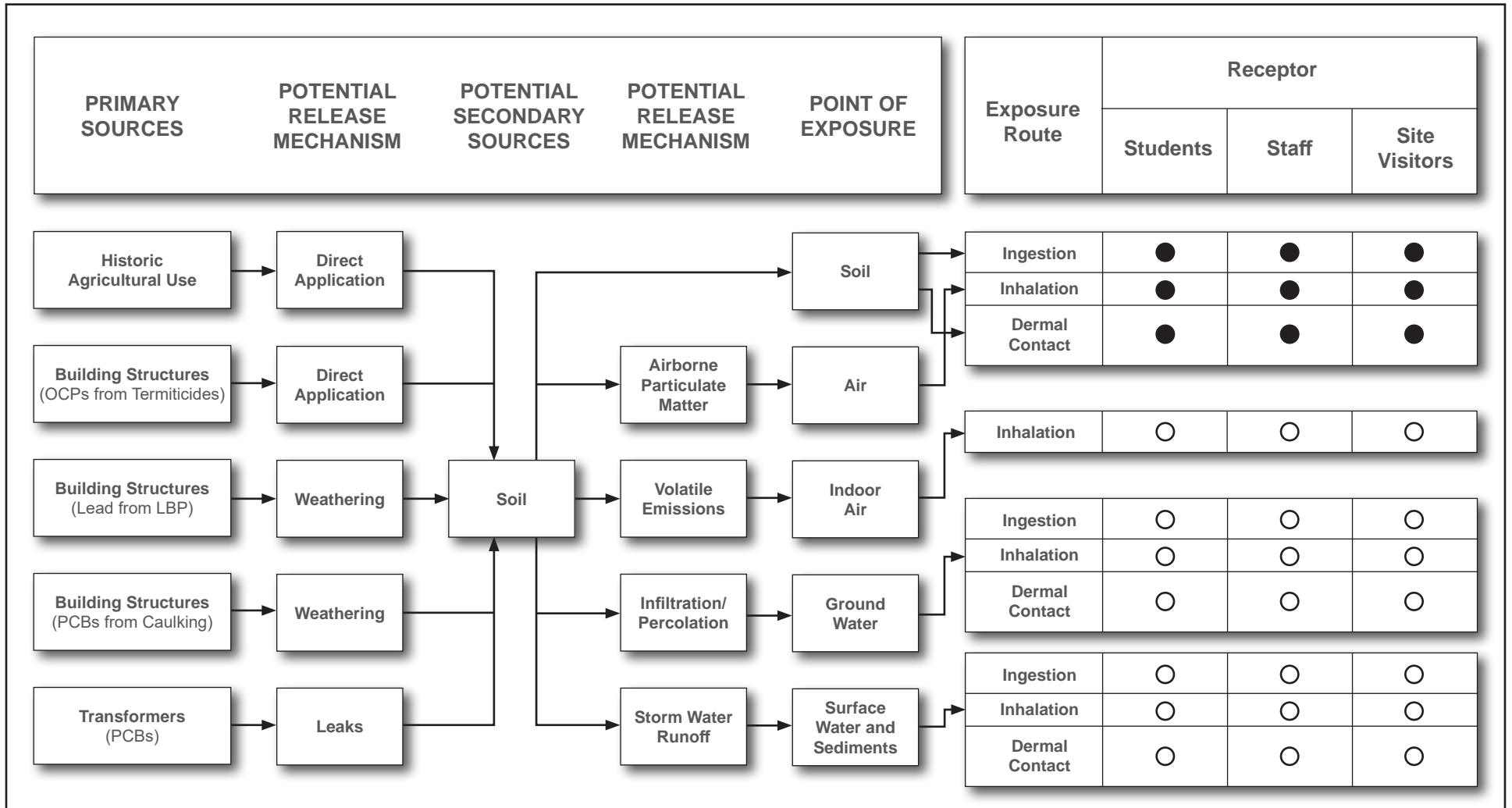


Figure 7 - Conceptual Site Model



- Complete Exposure Pathway
- Incomplete Exposure Pathway

Figures

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Appendix A. Site Photographs



View of Nicholas Elementary School parking lot and administration buildings.



View of Nicholas Elementary School looking southeast.



View of Nicholas Elementary School portables and hardcourts.



View of Nicholas Elementary School oak tree.

Additional Photos from 2019 Facility
Condition Assessment Prepared by EMG

NICHOLAS ELEMENTARY SCHOOL
6601 STEINER DRIVE
SACRAMENTO, CALIFORNIA 95823

EMG PROJECT NO: 136988.19R000-038.322



#1 001 FRONT ELEVATION



#2 001 REAR ELEVATION



#3 002 FRONT ELEVATION



#4 002 REAR ELEVATION



#5 003 FRONT ELEVATION



#6 003 REAR ELEVATION



#7	P01 FRONT ELEVATION
----	---------------------



#8	P01 REAR ELEVATION
----	--------------------



#9	P02 FRONT ELEVATION
----	---------------------



#10	P02 REAR ELEVATION
-----	--------------------



#11	P03 FRONT ELEVATION
-----	---------------------



#12	P03 REAR ELEVATION
-----	--------------------



#13	P04-P07 FRONT ELEVATION
-----	-------------------------



#14	P04-P07 REAR ELEVATION
-----	------------------------



#15	P08-P11 FRONT ELEVATION
-----	-------------------------



#16	P08-P11 REAR ELEVATION
-----	------------------------



#17	P12 FRONT ELEVATION
-----	---------------------



#18	P12 REAR ELEVATION
-----	--------------------

Appendix

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Appendix B. Field Notes and Documentation

Location Nicholas ES Rebuild Date 7/25/23
 Project / Client Sac City USD

- 0330 Leave prob Castroville.
 0440 Stop in Buttonwillow.
 0715 Stop for gas in Westley.
 0725 Back on road.
 0805 Stop at Walmart at Stockton.
 0820 Back on road.
 0901 Arrive at site. Drillers ready to go.
 Pardo & George. Renee on drilling.
 5YR 5/4 silt B-20 & B-21
 2.5YR 4/4 clay, moist B-25
- 1125 Renee takes lunch break
 B-1 - B-4 silt w/ sand
 5YR 4/4
- 1210 back to work. Most building
 locations are marked.
- 1430 Have 30 locations completed.
 taking shore to get equipment
 plank at lab.
- 1445 Drillers leave site.
 1455 Head to hotel.
 1545-1615 wait for lab supplies
 1625 collect 03072523.

Location Nicholas ES Rebuild Date 7/26/23
 Project / Client Sac City USD

- 0635 Arrive at site.
 0720 Start drilling at T-1.
 0745 So far all locations have
 5YR 5/4 silt w/ minor sand
 DTIC is en route to site.
- 0915 Letitia on site.
- 1100 DTIC is concerned w/ distance
 some buildings are from walls of building.
 Letitia added 14 locations
 to address this issue.
- 1130 Drillers, just for lunch
 marking found buildings 10
- 1430 Drillers leave.
 1500 Drillers back on site.
 Now have 30 locations
 on plan.
- 1545 Drillers leave.
 1550 leave site, will go
 lab for supplies.
- 1635 Arrive at lab.
 1650 Head to hotel.

0635 Arrive at site.

0720 Start drilling at T1

0745 So far all borings have
5YR silty silt w/ minor sand
DTK is en route to site.

0915 Letitia onsite.

1100 DTSC is concerned with
distance some building samples
are from walls of building.
Letitia added 14 locations
to address this issue.

1130 Drillers get for lunch.
Marking new building locations.

1430 Drillers leave.

1500 Drillers back on site.
Now have 30 locations
on plan.

1545 Drillers leave.

1550 Leave site, Will go to
lab for riffles.

1635 Arrive at lab.

1650 Head to hotel.

Rite in the Rain

okta
to go
Drilling
week
ing
ed
thru
ing

Nicholas GS
Sac City USD

7/27/23

0045 Arrive at site Pine cone island
Mark locations.

0040 All locations marked. Going to
start sampling soil. Two
crews one working on ~~starting~~
concrete coring.

1200 Break for lunch. Got 11 borings
completed, in the middle of
2 more, almost done with
coring.

1230 Back to work. Update with
Leticia P TSC (phone).

1330 One of the drillers had to leave.
Working with team of 3.

1400 Had refusal at C-30
so collected sample of 1.5 hrs.
Leticia says it's OK to complete
with 3" samples.

1620 Inspect Oak Ridge GS.

1700 Inspect Chavez & Rembel.

1940 Work on COCs.

2220 Done with COCs.

Nicholas GS

7/28/23

Sac City USD

0640 Head to lab from Sac

0750 Stop for gas in Westhe

0820 Continue on drive.

1036 Stop at Butterfly rest

1040 Back on road.

1220-1240 Lunch in Pacoima

1350 Stop for gas in Commen

1433 Arrive at lab

1445 Relinquish samples.

1455 Head home.

1720 Done

0550 Leave hotel.
 0600 Stop at Home Depot
 0625 Stop at Walmart
 0639 Arrive at site.
 0735 Calibrate Wtara XLS
 SN# X502643 to
 RCRA Pf 18a-661
 (500 ppb) result → 541 ppm
 2nd Result → 565 ppm
 Running Pb twice for each sample

0742	A-ISA@0.5'	136 ppm	270 ppm
0756	A-ISA@1.0'	107 ppm	60 ppm
0802	A-ISA@2.0'	95 ppm	134 ppm
0813	A-ISA@3.0'	195 ppm	172 ppm
0830	A-ISA@3.5'	9.0 ppm	9.0 ppm
0844	A-ISJ@0.5'	55 ppm	63 ppm
0851	A-ISJ@1.0'	12 ppm	12 ppm
0900	A-ISJ@2.0'	12 ppm	12 ppm
0907	A-ISJ@3.0'	13 ppm	10 ppm
0919	A-ISI@0.5'	41 ppm	42 ppm
0930	A-ISI@1.0'	11 ppm	11 ppm
0941	A-ISI@2.0'	15 ppm	14 ppm
0952	A-ISI@3.0'	11 ppm	13 ppm

Site in Site Report

Location Nicholas GS Date 9/19/23Project / Client St. City USD

1002 A-156 e.0.5'	61 ppm	57 ppm
1011 A-156 e.1.0'	23 ppm	31 ppm
1030 A-156 e.2.0'	13 ppm	12 ppm
1040 A-156 e.3.0'	13 ppm	9 ppm
1120 A-156 e.0.5'	87 ppm	85 ppm
1140 A-156 e.1.0'	4 ppm	19 ppm
1147 A-156 e.2.0'	13 ppm	12 ppm
1152 A-156 e.3.0'	7 ppm	7 ppm
1158 180-661 Cal	582 ppm	576 ppm
1205 A-156 e.0.5'	29 ppm	37 ppm
1211 A-156 e.1.0'	16 ppm	14 ppm
1228 A-156 e.0.5'	59 ppm	62 ppm
1235 A-156 e.1.0'	18 ppm	24 ppm
1247 A-156 e.0.5'	2 ppm	13 ppm
1252 A-156 e.1.0'	13 ppm	13 ppm
1311 A-156 e.0.5'	25 ppm	24 ppm
1316 A-156 e.1.0'	14 ppm	12 ppm
1329 A-156 e.0.5'	47 ppm	27 ppm
1334 A-156 e.1.0'	14 ppm	12 ppm
1346 A-156 e.0.5'	41 ppm	41 ppm
1354 A-156 e.1.0'	21 ppm	19 ppm
1405 A-156 e.0.5'	16 ppm	18 ppm
1410 A-156 e.1.0'	15 ppm	14 ppm
1426 A-156 e.0.5'	15 ppm	13 ppm
1432 A-156 e.1.0'	13 ppm	12 ppm

Nicholas GS9/19/23St. City USD

1444 A-156 e.0.5' 32 ppm 27 ppm
 DTSC instructed to analyze all 0.5' & 1.0' samples for EPA 600b. Also instructed to collect A-156 e.0.5'

1450 180-661 Cal 577 ppm 576 ppm
 1500 Collect 9/19/23
 1535 Leave site
 1640 Stop for dinner in L
 1710 Back on road
 2030 Stop at Buttonwillow Res
 2110 Stop for gas at Tejon
 2130 Back on road.

Location Nicholas ES Date 9/19/23⁶³
Project / Client Sac City USD

- 1444 A-15N Co. 51 32 ppm 27 ppm
DTSC instructed to analyze
all OS&I samples for lead
for EPA 609b. Also instructed
to collect A-15N Co. 51
- 1450 180-661 Cal 577 ppm 519 ppm
- 1500 Collect E3091923
- 1535 Leave site
- 1640 Stop for dinner in Lodi.
- 1710 Back on road
- 2030 Stop at Buttonwillow rest Area.
- 2110 Stop for gas at Tejon Ranch
- 2130 Back on road.

Location NICHOLAS ES

Date 10/25/23

Project / Client _____

- ARRIVED TO SITE @ 9:30 AM
- EXCAVATOR BEGAN REMOVING SOIL @ 10:00 AM
 - SOIL REMOVED + PILED TO SIDE
 - DIMENSION OF HOLE: 3 ft X 3 ft X 2.5 ft
- BOTTOM SAMPLE @ 2.5 ft: 10:00 AM
- SIDEWALL SAMPLES @ 0.5 ft
 - NORTH: 10:15 AM
 - SOUTH: 10:20 AM
 - EAST: 10:25 AM
 - WEST: 10:30 AM
- LEFT SITE @ 11:00 AM

Location NICHOLAS ES

Date 11/6/23

23

Project / Client _____

• ARRIVED TO SITE @ 9:00 AM

• BEGAN DIGGING W/ SHOVEL @ 9:10 AM

• REMOVED APPROXIMATELY 0.5 FT X 0.5 FT
FROM CENTER WALL

• SIDEWALL SAMPLE SOUTH @ 0.5 FT @ 9:30 AM

• LEFT SITE @ 10:00 AM

• DRIVE TO OAK RIFTE ES FOR ADDITIONAL
SAMPLING

Location NICHOLAS ES

Date 11/20/23

Project / Client _____

- ARRIVED TO SITE @ 9:00 AM
- BEGAN DIGGING W/ SHOVEL @ 9:25 AM
- REMOVED APPROXIMATELY 0.5 FT X 0.5 FT OF SOIL FROM CENTER WALL
- SIDEWALL SAMPLE SOUTH @ 0.5 FT USING XRF ANALYZER : 9:50 AM
 - XRF ANALYZER READINGS (Pb)
 - 63 ppm
 - 67 ppm
- LEFT SITE @ 10:10 AM
 - DRIVE TO OAK RIDGE ES FOR ADDITIONAL SAMPLES

SUMMARY TABLE OF LEAD AND XRF READINGS IN STEP-OUT SOIL SAMPLES
Proposed Nicholas Elementary School Rebuild
Sacramento City Unified School District
Sacramento County, California

Sample Number	Depth (feet bgs)	Preliminary EPA 6010B Lead (mg/kg)	Sample Date	Lead by XRF 1st Result (mg/kg)	Lead by XRF 2nd Result (mg/kg)
A-15A	0.5'	207	9/19/2023	136	270
	1.0'	66.2	9/19/2023	107	60
	2.0'	123	9/19/2023	95	134
	3.0'	8.15	9/19/2023	195	172
	3.5'	6.42	9/19/2023	9	9
A-15B	0.5'		9/19/2023	59	62
	1.0'		9/19/2023	18	24
A-15B DUP	0.5'		9/19/2023	*	*
	1.0'		9/19/2023	*	*
A-15C	0.5'		9/19/2023	29	37
	1.0'		9/19/2023	16	14
A-15D	0.5'		9/19/2023	15	13
	1.0'	8.66	9/19/2023	13	12
A-15E	0.5'	49.8	9/19/2023	61	57
	1.0'	16.7	9/19/2023	23	31
	2.0'	9.31	9/19/2023	13	12
	3.0'	4.91	9/19/2023	13	9
A-15F	0.5'	68.9	9/19/2023	87	85
	1.0'	12.4	9/19/2023	14	19
	2.0'	9.84	9/19/2023	13	12
	3.0'		9/19/2023	7	7
A-15G	0.5'		9/19/2023	22	13
	1.0'		9/19/2023	13	13
A-15H	0.5'		9/19/2023	16	18
	1.0'		9/19/2023	15	14
A-15I	0.5'	35.7	9/19/2023	41	42
	1.0'	10.8	9/19/2023	11	11
	2.0'	9.61	9/19/2023	15	14
	3.0'	9.95	9/19/2023	11	13
A-15J	0.5'	72.1	9/19/2023	55	63
	1.0'	12.5	9/19/2023	12	12
	2.0'	11.7	9/19/2023	12	12
	3.0'	4.38	9/19/2023	13	10
A-15K	0.5'		9/19/2023	25	24
	1.0'		9/19/2023	14	12
A-15L	0.5'		9/19/2023	41	41
	1.0'		9/19/2023	21	19
A-15L DUP	0.5'		9/19/2023	*	*
	1.0'		9/19/2023	*	*
A-15M	0.5'		9/19/2023	47	27
	1.0'		9/19/2023	14	12
A-15N	0.5'	23.9	9/19/2023	32	27
Samples	Collect 38 + 4 DUPS				

Notes

D = Discrete primary sample; DUP=Duplicates; XRF = X-ray Fluorescence
mg/kg = milligrams per kilogram

* = Bag analyzed by XRF had both the primary and duplicate samples which were later split between the two.

Highlighted results exceed the DTSC Screening Level of 80 mg/kg.

XRF analyzer used for collecting this data was a Niton XL5 with serial number X502643.

Soil subsequently removed from all locations with elevated XRF and/or laboratory results as provided in Appendix D.

PHOTOGRAPHS FOR FIELD INVESTIGATION ACTIVITIES



View of excavation location at A-15 with flags marking the previous sample locations – October 25, 2023



Another view of the excavation location at A-15 – October 25, 2023



Backhoe ready to start excavation activity on October 25, 2023



Initial limits of excavation activity on October 25, 2023 later expanded on November 6 and November 20, 2023.



Photo of the four drums of excavated soil prior to off-site transport by Belshire Environmental on December 14, 2023.

Appendix

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Appendix C. Laboratory Reports and Chain-of-Custody Forms

Analytical Laboratory Results for Step-Out Sampling Program and IDW Action are provided in Appendix D

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Watson
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764
Generated 8/11/2023 12:54:59 PM

JOB DESCRIPTION

Nicholas Elementary School Sacramento County, CA

JOB NUMBER

570-146759-1

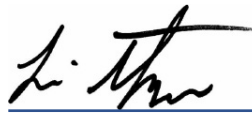
Eurofins Calscience

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



Authorized for release by
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Definitions/Glossary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

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

Case Narrative

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County, CA

Job ID: 570-146759-1

Job ID: 570-146759-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative 570-146759-1

Receipt

The samples were received on 7/28/2023 2:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 3.2°C, 4.0°C and 4.2°C

PCBs

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 570-350763 recovered high and outside the control limits for DCB Decachlorobiphenyl (Surr) on one column. Results are confirmed on both columns and reported from the passing column. The associated samples are: (CCV 570-350763/28) and (CCV 570-350763/41).□

Method 8081A: The continuing calibration verification (CCV) associated with 570-350763 recovered high and outside the control limits for 4,4'-DDE on one column. Results are confirmed on both columns and reported from the passing column. The associated samples are: (CCV 570-350763/28) and (CCV 570-350763/41).□

Method 8081A: The continuing calibration verification (CCV) associated with batch 570-350763 recovered above the upper control limit for 4,4'-DDE. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: EB072723 (570-146759-190), EB072623 (570-146759-191) and (550-205500-AM-2-A).

Method 8081A: Surrogate recovery for the following samples were outside control limits: Composite 1@0.5' (570-146759-192) and (570-146759-A-192-A MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8081A: The continuing calibration verification (CCV) associated with 570-353493 recovered high and outside the control limits for 4,4'-DDE on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCV 570-353493/28).□

Method 8081A: The continuing calibration verification (CCV) associated with 570-353493 recovered high and outside the control limits for DCB Decachlorobiphenyl (Surr) on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCV 570-353493/28).□

Method 8081A: The continuing calibration verification (CCV) associated with batch 570-353493 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: Composite 8@3.0' (570-146759-204), Composite 8DUP@3.0' (570-146759-205), Composite 9@0.5' (570-146759-206), Composite 9 DUP @0.5' (570-146759-207) and Composite 9@3.0' (570-146759-208).

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

Metals

Method 6010B: Elevated reporting limits are provided for the following sample due to insufficient sample provided for preparation: A-17@0.5' (570-146759-116).

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

Organic Prep

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

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: B-20@0.5'

Lab Sample ID: 570-146759-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	10.4		1.96	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-21@0.5'

Lab Sample ID: 570-146759-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	13.4		1.95	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-4@0.5'

Lab Sample ID: 570-146759-15

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	16.8		1.97	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-4DUP@0.5'

Lab Sample ID: 570-146759-16

No Detections.

Client Sample ID: B-3@0.5'

Lab Sample ID: 570-146759-19

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	10.5		1.96	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-2@0.5'

Lab Sample ID: 570-146759-23

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	12.8		1.97	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-6@0.5'

Lab Sample ID: 570-146759-31

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	10.3		1.97	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-8@0.5'

Lab Sample ID: 570-146759-33

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	16.5		1.96	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-7@0.5'

Lab Sample ID: 570-146759-35

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	18.6		1.98	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-9@0.5'

Lab Sample ID: 570-146759-37

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	13.4		1.95	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-10@0.5'

Lab Sample ID: 570-146759-39

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	13.2		1.97	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-11@0.5'

Lab Sample ID: 570-146759-41

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

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: B-11@3.0'

Lab Sample ID: 570-146759-42

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

Client Sample ID: B-18@0.5'

Lab Sample ID: 570-146759-43

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	11.3		1.95	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-19@0.5'

Lab Sample ID: 570-146759-45

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	23.2		1.98	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-13@0.5'

Lab Sample ID: 570-146759-47

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	21.8		1.98	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-15@0.5'

Lab Sample ID: 570-146759-49

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.36		1.96	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-14@0.5'

Lab Sample ID: 570-146759-51

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	14.8		1.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: B-16@0.5'

Lab Sample ID: 570-146759-53

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	11.8		1.97	mg/Kg	5		6010B	Total/NA

Client Sample ID: A-7@0.5'

Lab Sample ID: 570-146759-55

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

Client Sample ID: A-16@0.5'

Lab Sample ID: 570-146759-57

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	15.1		1.97	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

Client Sample ID: B-28@0.5'

Lab Sample ID: 570-146759-67

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	34.1		1.96	mg/Kg	5		6010B	Total/NA

Client Sample ID: EB072523

Lab Sample ID: 570-146759-69

No Detections.

Client Sample ID: T-1@0.5'

Lab Sample ID: 570-146759-70

No Detections.

This Detection Summary does not include radiochemical test results.

Euromins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: T-1DUP@0.5'

Lab Sample ID: 570-146759-71

No Detections.

Client Sample ID: A-2@0.5'

Lab Sample ID: 570-146759-74

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

Client Sample ID: A-2DUP@0.5'

Lab Sample ID: 570-146759-75

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

Client Sample ID: A-3@0.5'

Lab Sample ID: 570-146759-78

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	16.5		2.01	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

Client Sample ID: A-3DUP@0.5'

Lab Sample ID: 570-146759-79

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	12.1		2.01	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

Client Sample ID: A-4@0.5'

Lab Sample ID: 570-146759-82

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

Client Sample ID: A-4DUP@0.5'

Lab Sample ID: 570-146759-83

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

Client Sample ID: A-1@0.5'

Lab Sample ID: 570-146759-86

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	13.2		2.00	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

Client Sample ID: A-1DUP@0.5'

Lab Sample ID: 570-146759-87

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.09		3.05	mg/Kg	5		6010B	Total/NA
Lead	10.7		2.03	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

Client Sample ID: A-5@0.5'

Lab Sample ID: 570-146759-90

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.09		2.96	mg/Kg	5		6010B	Total/NA
Lead	11.8		1.97	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: A-6@0.5'

Lab Sample ID: 570-146759-92

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

Client Sample ID: A-10@0.5'

Lab Sample ID: 570-146759-94

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.46		2.99	mg/Kg	5		6010B	Total/NA
Lead	59.3		1.99	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

Client Sample ID: A-9@0.5'

Lab Sample ID: 570-146759-96

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

Client Sample ID: A-8@0.5'

Lab Sample ID: 570-146759-98

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.08		2.97	mg/Kg	5		6010B	Total/NA
Lead	11.5		1.98	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

Client Sample ID: A-11@0.5'

Lab Sample ID: 570-146759-100

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.03		3.02	mg/Kg	5		6010B	Total/NA
Lead	13.0		2.01	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

Client Sample ID: A-12@0.5'

Lab Sample ID: 570-146759-102

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

Client Sample ID: A-13@0.5'

Lab Sample ID: 570-146759-104

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

Client Sample ID: A-14@0.5'

Lab Sample ID: 570-146759-106

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

Client Sample ID: A-15@0.5'

Lab Sample ID: 570-146759-108

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	292		1.99	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

Client Sample ID: A-19@0.5'

Lab Sample ID: 570-146759-110

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.04		3.03	mg/Kg	5		6010B	Total/NA
Lead	14.7		2.02	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: A-19@0.5' (Continued)

Lab Sample ID: 570-146759-110

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

Client Sample ID: A-18@0.5'

Lab Sample ID: 570-146759-112

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	19.0		1.99	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

Client Sample ID: F-3@0.5'

Lab Sample ID: 570-146759-114

No Detections.

Client Sample ID: A-17@0.5'

Lab Sample ID: 570-146759-116

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	13.7		4.00	mg/Kg	5		6010B	Total/NA
Composited	yes			NONE	1		Composite	Total/NA

Client Sample ID: A-20@0.5'

Lab Sample ID: 570-146759-118

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

Client Sample ID: T-2@0.5'

Lab Sample ID: 570-146759-120

No Detections.

Client Sample ID: C-10@0.5'

Lab Sample ID: 570-146759-122

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

Client Sample ID: C-10@3.0'

Lab Sample ID: 570-146759-123

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

Client Sample ID: C-9@0.5'

Lab Sample ID: 570-146759-124

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

Client Sample ID: C-9DUP@0.5'

Lab Sample ID: 570-146759-125

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

Client Sample ID: C-9@3.0'

Lab Sample ID: 570-146759-126

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

Client Sample ID: C-26@0.5'

Lab Sample ID: 570-146759-127

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

This Detection Summary does not include radiochemical test results.

Eurolins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-26@3.0'

Lab Sample ID: 570-146759-128

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

Client Sample ID: C-8@0.5'

Lab Sample ID: 570-146759-129

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

Client Sample ID: C-8DUP@0.5'

Lab Sample ID: 570-146759-130

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

Client Sample ID: C-8@3.0'

Lab Sample ID: 570-146759-131

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

Client Sample ID: C-25@0.5'

Lab Sample ID: 570-146759-132

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

Client Sample ID: C-25@3.0'

Lab Sample ID: 570-146759-133

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

Client Sample ID: C-7@0.5'

Lab Sample ID: 570-146759-134

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

Client Sample ID: C-7DUP@0.5'

Lab Sample ID: 570-146759-135

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

Client Sample ID: C-7@3.0'

Lab Sample ID: 570-146759-136

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

Client Sample ID: C-7DUP@3.0'

Lab Sample ID: 570-146759-137

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

Client Sample ID: C-5@0.5'

Lab Sample ID: 570-146759-138

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

This Detection Summary does not include radiochemical test results.

Euofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-5DUP@0.5'

Lab Sample ID: 570-146759-139

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

Client Sample ID: C-5@3.0'

Lab Sample ID: 570-146759-140

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

Client Sample ID: C-5DUP@3.0'

Lab Sample ID: 570-146759-141

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

Client Sample ID: C-27@0.5'

Lab Sample ID: 570-146759-142

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

Client Sample ID: C-27@3.0'

Lab Sample ID: 570-146759-143

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

Client Sample ID: C-28@0.5'

Lab Sample ID: 570-146759-144

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

Client Sample ID: C-28@3.0'

Lab Sample ID: 570-146759-145

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

Client Sample ID: C-15@0.5'

Lab Sample ID: 570-146759-146

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

Client Sample ID: C-15@3.0'

Lab Sample ID: 570-146759-147

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

Client Sample ID: C-29@0.5'

Lab Sample ID: 570-146759-148

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

Client Sample ID: C-29@3.0'

Lab Sample ID: 570-146759-149

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

This Detection Summary does not include radiochemical test results.

Eurolins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-20@0.5'

Lab Sample ID: 570-146759-150

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

Client Sample ID: C-20@3.0'

Lab Sample ID: 570-146759-151

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

Client Sample ID: C-11@0.5'

Lab Sample ID: 570-146759-152

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

Client Sample ID: C-11@3.0'

Lab Sample ID: 570-146759-153

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

Client Sample ID: C-19@0.5'

Lab Sample ID: 570-146759-154

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

Client Sample ID: C-19@3.0'

Lab Sample ID: 570-146759-155

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

Client Sample ID: C-18@0.5'

Lab Sample ID: 570-146759-156

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

Client Sample ID: C-18@3.0'

Lab Sample ID: 570-146759-157

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

Client Sample ID: C-12@0.5'

Lab Sample ID: 570-146759-158

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

Client Sample ID: C-12@3.0'

Lab Sample ID: 570-146759-159

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

Client Sample ID: C-16@0.5'

Lab Sample ID: 570-146759-160

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

This Detection Summary does not include radiochemical test results.

Euofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-16@3.0'

Lab Sample ID: 570-146759-161

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

Client Sample ID: C-13@0.5'

Lab Sample ID: 570-146759-162

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

Client Sample ID: C-13@3.0'

Lab Sample ID: 570-146759-163

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

Client Sample ID: C-21@0.5'

Lab Sample ID: 570-146759-164

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

Client Sample ID: C-21@3.0'

Lab Sample ID: 570-146759-165

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

Client Sample ID: C-22@0.5'

Lab Sample ID: 570-146759-166

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

Client Sample ID: C-22@3.0'

Lab Sample ID: 570-146759-167

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

Client Sample ID: C-1@0.5'

Lab Sample ID: 570-146759-168

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

Client Sample ID: C-1@3.0'

Lab Sample ID: 570-146759-169

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

Client Sample ID: C-23@0.5'

Lab Sample ID: 570-146759-170

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

Client Sample ID: C-23@3.0'

Lab Sample ID: 570-146759-171

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

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-24@0.5'

Lab Sample ID: 570-146759-172

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

Client Sample ID: C-24@3.0'

Lab Sample ID: 570-146759-173

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

Client Sample ID: C-2@0.5'

Lab Sample ID: 570-146759-174

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

Client Sample ID: C-2@3.0'

Lab Sample ID: 570-146759-175

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

Client Sample ID: C-3@0.5'

Lab Sample ID: 570-146759-176

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

Client Sample ID: C-3@3.0'

Lab Sample ID: 570-146759-177

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

Client Sample ID: C-14@0.5'

Lab Sample ID: 570-146759-178

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

Client Sample ID: C-14@3.0'

Lab Sample ID: 570-146759-179

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

Client Sample ID: C-4@0.5'

Lab Sample ID: 570-146759-180

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

Client Sample ID: C-4@3.0'

Lab Sample ID: 570-146759-181

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

Client Sample ID: C-6@0.5'

Lab Sample ID: 570-146759-182

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

This Detection Summary does not include radiochemical test results.

Euofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-6@3.0'

Lab Sample ID: 570-146759-183

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

Client Sample ID: C-17@0.5'

Lab Sample ID: 570-146759-184

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

Client Sample ID: C-17@3.0'

Lab Sample ID: 570-146759-185

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

Client Sample ID: C-31@0.5'

Lab Sample ID: 570-146759-186

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

Client Sample ID: C-31@3.0'

Lab Sample ID: 570-146759-187

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

Client Sample ID: C-30@0.5'

Lab Sample ID: 570-146759-188

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

Client Sample ID: C-30@1.5'

Lab Sample ID: 570-146759-189

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

Client Sample ID: EB072723

Lab Sample ID: 570-146759-190

No Detections.

Client Sample ID: EB072623

Lab Sample ID: 570-146759-191

No Detections.

Client Sample ID: Composite 1@0.5'

Lab Sample ID: 570-146759-192

No Detections.

Client Sample ID: Composite 1 DUP@0.5'

Lab Sample ID: 570-146759-193

No Detections.

Client Sample ID: Composite 2@0.5'

Lab Sample ID: 570-146759-194

No Detections.

Client Sample ID: Composite 3@0.5'

Lab Sample ID: 570-146759-195

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: Composite 4@0.5' **Lab Sample ID: 570-146759-196**

No Detections.

Client Sample ID: Composite 5@0.5' **Lab Sample ID: 570-146759-197**

No Detections.

Client Sample ID: Composite 6@0.5' **Lab Sample ID: 570-146759-198**

No Detections.

Client Sample ID: Composite 6@3.0' **Lab Sample ID: 570-146759-199**

No Detections.

Client Sample ID: Composite 7@0.5' **Lab Sample ID: 570-146759-200**

No Detections.

Client Sample ID: Composite 7@3.0' **Lab Sample ID: 570-146759-201**

No Detections.

Client Sample ID: Composite 8@0.5' **Lab Sample ID: 570-146759-202**

No Detections.

Client Sample ID: Composite 8DUP @0.5' **Lab Sample ID: 570-146759-203**

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
trans-Chlordane	5.6		5.0	ug/Kg	1		8081A	Total/NA

Client Sample ID: Composite 8@3.0' **Lab Sample ID: 570-146759-204**

No Detections.

Client Sample ID: Composite 8DUP@3.0' **Lab Sample ID: 570-146759-205**

No Detections.

Client Sample ID: Composite 9@0.5' **Lab Sample ID: 570-146759-206**

No Detections.

Client Sample ID: Composite 9 DUP @0.5' **Lab Sample ID: 570-146759-207**

No Detections.

Client Sample ID: Composite 9@3.0' **Lab Sample ID: 570-146759-208**

No Detections.

Client Sample ID: Composite 10@0.5' **Lab Sample ID: 570-146759-209**

No Detections.

Client Sample ID: Composite 10@3.0' **Lab Sample ID: 570-146759-210**

No Detections.

Client Sample ID: Composite 11@0.5' **Lab Sample ID: 570-146759-211**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: Composite 11@3.0' **Lab Sample ID: 570-146759-212**

No Detections.

Client Sample ID: Composite 12@0.5' **Lab Sample ID: 570-146759-213**

No Detections.

Client Sample ID: Composite 12@3.0' **Lab Sample ID: 570-146759-214**

No Detections.

Client Sample ID: Composite 13@0.5' **Lab Sample ID: 570-146759-215**

No Detections.

Client Sample ID: Composite 13@3.0' **Lab Sample ID: 570-146759-216**

No Detections.

Client Sample ID: Composite 14@0.5' **Lab Sample ID: 570-146759-217**

No Detections.

Client Sample ID: Composite 14@3.0' **Lab Sample ID: 570-146759-218**

No Detections.

Client Sample ID: Composite 15@0.5' **Lab Sample ID: 570-146759-219**

No Detections.

Client Sample ID: Composite 15@3.0' **Lab Sample ID: 570-146759-220**

No Detections.

Client Sample ID: Composite 16@0.5' **Lab Sample ID: 570-146759-221**

No Detections.

Client Sample ID: Composite 16@3.0' **Lab Sample ID: 570-146759-222**

No Detections.

Client Sample ID: Composite 17@0.5' **Lab Sample ID: 570-146759-223**

No Detections.

Client Sample ID: Composite 17@3.0' **Lab Sample ID: 570-146759-224**

No Detections.

Client Sample ID: Composite 18@0.5' **Lab Sample ID: 570-146759-225**

No Detections.

Client Sample ID: Composite 18@3.0' **Lab Sample ID: 570-146759-226**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: EB072523
Date Collected: 07/25/23 16:25
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-69
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.041	ug/L		07/31/23 21:27	08/03/23 15:11	1
4,4'-DDE	ND		0.021	ug/L		07/31/23 21:27	08/03/23 15:11	1
4,4'-DDT	ND		0.021	ug/L		07/31/23 21:27	08/03/23 15:11	1
Aldrin	ND		0.021	ug/L		07/31/23 21:27	08/03/23 15:11	1
alpha-BHC	ND		0.0083	ug/L		07/31/23 21:27	08/03/23 15:11	1
cis-Chlordane	ND		0.021	ug/L		07/31/23 21:27	08/03/23 15:11	1
beta-BHC	ND		0.031	ug/L		07/31/23 21:27	08/03/23 15:11	1
delta-BHC	ND		0.021	ug/L		07/31/23 21:27	08/03/23 15:11	1
Dieldrin	ND		0.021	ug/L		07/31/23 21:27	08/03/23 15:11	1
Endosulfan I	ND		0.0083	ug/L		07/31/23 21:27	08/03/23 15:11	1
Endosulfan II	ND		0.041	ug/L		07/31/23 21:27	08/03/23 15:11	1
Endosulfan sulfate	ND		0.021	ug/L		07/31/23 21:27	08/03/23 15:11	1
Endrin	ND		0.021	ug/L		07/31/23 21:27	08/03/23 15:11	1
Endrin aldehyde	ND		0.21	ug/L		07/31/23 21:27	08/03/23 15:11	1
Endrin ketone	ND		0.021	ug/L		07/31/23 21:27	08/03/23 15:11	1
gamma-BHC (Lindane)	ND		0.0083	ug/L		07/31/23 21:27	08/03/23 15:11	1
trans-Chlordane	ND		0.062	ug/L		07/31/23 21:27	08/03/23 15:11	1
Heptachlor	ND		0.0083	ug/L		07/31/23 21:27	08/03/23 15:11	1
Heptachlor epoxide	ND		0.041	ug/L		07/31/23 21:27	08/03/23 15:11	1
Methoxychlor	ND		0.041	ug/L		07/31/23 21:27	08/03/23 15:11	1
Toxaphene	ND		0.41	ug/L		07/31/23 21:27	08/03/23 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	80		49 - 132	07/31/23 21:27	08/03/23 15:11	1
DCB Decachlorobiphenyl (Surr)	68		10 - 142	07/31/23 21:27	08/03/23 15:11	1

Client Sample ID: EB072723
Date Collected: 07/27/23 16:00
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-190
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.040	ug/L		07/31/23 21:47	08/03/23 01:12	1
4,4'-DDE	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:12	1
4,4'-DDT	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:12	1
Aldrin	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:12	1
alpha-BHC	ND		0.0080	ug/L		07/31/23 21:47	08/03/23 01:12	1
cis-Chlordane	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:12	1
beta-BHC	ND		0.030	ug/L		07/31/23 21:47	08/03/23 01:12	1
delta-BHC	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:12	1
Dieldrin	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:12	1
Endosulfan I	ND		0.0080	ug/L		07/31/23 21:47	08/03/23 01:12	1
Endosulfan II	ND		0.040	ug/L		07/31/23 21:47	08/03/23 01:12	1
Endosulfan sulfate	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:12	1
Endrin	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:12	1
Endrin aldehyde	ND		0.20	ug/L		07/31/23 21:47	08/03/23 01:12	1
Endrin ketone	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:12	1
gamma-BHC (Lindane)	ND		0.0080	ug/L		07/31/23 21:47	08/03/23 01:12	1
trans-Chlordane	ND		0.060	ug/L		07/31/23 21:47	08/03/23 01:12	1
Heptachlor	ND		0.0080	ug/L		07/31/23 21:47	08/03/23 01:12	1
Heptachlor epoxide	ND		0.040	ug/L		07/31/23 21:47	08/03/23 01:12	1

Euofins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: EB072723
Date Collected: 07/27/23 16:00
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-190
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		0.040	ug/L		07/31/23 21:47	08/03/23 01:12	1
Toxaphene	ND		0.40	ug/L		07/31/23 21:47	08/03/23 01:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	72		49 - 132			07/31/23 21:47	08/03/23 01:12	1
<i>DCB Decachlorobiphenyl (Surr)</i>	65		10 - 142			07/31/23 21:47	08/03/23 01:12	1

Client Sample ID: EB072623
Date Collected: 07/26/23 00:00
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-191
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.040	ug/L		07/31/23 21:47	08/03/23 01:27	1
4,4'-DDE	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:27	1
4,4'-DDT	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:27	1
Aldrin	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:27	1
alpha-BHC	ND		0.0080	ug/L		07/31/23 21:47	08/03/23 01:27	1
cis-Chlordane	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:27	1
beta-BHC	ND		0.030	ug/L		07/31/23 21:47	08/03/23 01:27	1
delta-BHC	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:27	1
Dieldrin	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:27	1
Endosulfan I	ND		0.0080	ug/L		07/31/23 21:47	08/03/23 01:27	1
Endosulfan II	ND		0.040	ug/L		07/31/23 21:47	08/03/23 01:27	1
Endosulfan sulfate	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:27	1
Endrin	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:27	1
Endrin aldehyde	ND		0.20	ug/L		07/31/23 21:47	08/03/23 01:27	1
Endrin ketone	ND		0.020	ug/L		07/31/23 21:47	08/03/23 01:27	1
gamma-BHC (Lindane)	ND		0.0080	ug/L		07/31/23 21:47	08/03/23 01:27	1
trans-Chlordane	ND		0.060	ug/L		07/31/23 21:47	08/03/23 01:27	1
Heptachlor	ND		0.0080	ug/L		07/31/23 21:47	08/03/23 01:27	1
Heptachlor epoxide	ND		0.040	ug/L		07/31/23 21:47	08/03/23 01:27	1
Methoxychlor	ND		0.040	ug/L		07/31/23 21:47	08/03/23 01:27	1
Toxaphene	ND		0.40	ug/L		07/31/23 21:47	08/03/23 01:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	59		49 - 132			07/31/23 21:47	08/03/23 01:27	1
<i>DCB Decachlorobiphenyl (Surr)</i>	71		10 - 142			07/31/23 21:47	08/03/23 01:27	1

Client Sample ID: Composite 1@0.5'
Date Collected: 07/26/23 00:00
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-192
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
4,4'-DDE	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
4,4'-DDT	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Aldrin	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
alpha-BHC	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
cis-Chlordane	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
beta-BHC	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
delta-BHC	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 1@0.5'

Date Collected: 07/26/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-192

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Endosulfan I	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Endosulfan II	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Endosulfan sulfate	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Endrin	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Endrin aldehyde	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Endrin ketone	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
gamma-BHC (Lindane)	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
trans-Chlordane	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Heptachlor	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Heptachlor epoxide	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Methoxychlor	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:28	08/05/23 09:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	25	S1-	38 - 148			08/02/23 11:28	08/05/23 09:41	1
DCB Decachlorobiphenyl (Surr)	37		37 - 151			08/02/23 11:28	08/05/23 09:41	1

Client Sample ID: Composite 1 DUP@0.5'

Date Collected: 07/26/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-193

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/05/23 06:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	49		38 - 148			08/02/23 11:28	08/05/23 06:09	1
DCB Decachlorobiphenyl (Surr)	58		37 - 151			08/02/23 11:28	08/05/23 06:09	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: Composite 2@0.5'

Date Collected: 07/26/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-194

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
4,4'-DDE	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
4,4'-DDT	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Aldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
alpha-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
cis-Chlordane	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
beta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
delta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Dieldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Endosulfan I	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Endosulfan II	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Endosulfan sulfate	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Endrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Endrin aldehyde	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Endrin ketone	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
gamma-BHC (Lindane)	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
trans-Chlordane	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Heptachlor	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Heptachlor epoxide	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Methoxychlor	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:24	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/05/23 06:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	60		38 - 148	08/02/23 11:28	08/05/23 06:24	1
DCB Decachlorobiphenyl (Surr)	74		37 - 151	08/02/23 11:28	08/05/23 06:24	1

Client Sample ID: Composite 3@0.5'

Date Collected: 07/26/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-195

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 3@0.5'

Date Collected: 07/26/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-195

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/05/23 09:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	45		38 - 148			08/02/23 11:28	08/05/23 09:56	1
<i>DCB Decachlorobiphenyl (Surr)</i>	63		37 - 151			08/02/23 11:28	08/05/23 09:56	1

Client Sample ID: Composite 4@0.5'

Date Collected: 07/26/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-196

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
4,4'-DDE	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
4,4'-DDT	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Aldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
alpha-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
cis-Chlordane	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
beta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
delta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Dieldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Endosulfan I	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Endosulfan II	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Endosulfan sulfate	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Endrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Endrin aldehyde	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Endrin ketone	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
gamma-BHC (Lindane)	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
trans-Chlordane	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Heptachlor	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Heptachlor epoxide	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Methoxychlor	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/05/23 06:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	45		38 - 148			08/02/23 11:28	08/05/23 06:40	1
<i>DCB Decachlorobiphenyl (Surr)</i>	51		37 - 151			08/02/23 11:28	08/05/23 06:40	1

Client Sample ID: Composite 5@0.5'

Date Collected: 07/26/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-197

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 5@0.5'

Date Collected: 07/26/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-197

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:28	08/05/23 10:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	44		38 - 148			08/02/23 11:28	08/05/23 10:11	1
DCB Decachlorobiphenyl (Surr)	74		37 - 151			08/02/23 11:28	08/05/23 10:11	1

Client Sample ID: Composite 6@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-198

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
4,4'-DDE	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
4,4'-DDT	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Aldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
alpha-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
cis-Chlordane	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
beta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
delta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Dieldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Endosulfan I	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Endosulfan II	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Endosulfan sulfate	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Endrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Endrin aldehyde	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Endrin ketone	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
gamma-BHC (Lindane)	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
trans-Chlordane	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Heptachlor	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Heptachlor epoxide	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Methoxychlor	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/05/23 06:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	50		38 - 148			08/02/23 11:28	08/05/23 06:55	1
DCB Decachlorobiphenyl (Surr)	56		37 - 151			08/02/23 11:28	08/05/23 06:55	1

Eurolins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: Composite 6@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-199

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
4,4'-DDE	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
4,4'-DDT	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Aldrin	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
alpha-BHC	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
cis-Chlordane	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
beta-BHC	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
delta-BHC	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Dieldrin	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Endosulfan I	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Endosulfan II	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Endosulfan sulfate	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Endrin	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Endrin aldehyde	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Endrin ketone	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
gamma-BHC (Lindane)	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
trans-Chlordane	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Heptachlor	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Heptachlor epoxide	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Methoxychlor	ND		4.8	ug/Kg		08/02/23 11:28	08/05/23 07:10	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:28	08/05/23 07:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	52		38 - 148	08/02/23 11:28	08/05/23 07:10	1
DCB Decachlorobiphenyl (Surr)	56		37 - 151	08/02/23 11:28	08/05/23 07:10	1

Client Sample ID: Composite 7@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-200

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 7@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-200

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/05/23 07:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	61		38 - 148			08/02/23 11:28	08/05/23 07:25	1
<i>DCB Decachlorobiphenyl (Surr)</i>	67		37 - 151			08/02/23 11:28	08/05/23 07:25	1

Client Sample ID: Composite 7@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-201

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:28	08/05/23 07:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	71		38 - 148			08/02/23 11:28	08/05/23 07:40	1
<i>DCB Decachlorobiphenyl (Surr)</i>	70		37 - 151			08/02/23 11:28	08/05/23 07:40	1

Client Sample ID: Composite 8@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-202

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 8@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-202

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/05/23 10:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	43		38 - 148			08/02/23 11:28	08/05/23 10:26	1
DCB Decachlorobiphenyl (Surr)	66		37 - 151			08/02/23 11:28	08/05/23 10:26	1

Client Sample ID: Composite 8DUP @0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-203

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
4,4'-DDE	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
4,4'-DDT	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Aldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
alpha-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
cis-Chlordane	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
beta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
delta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Dieldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Endosulfan I	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Endosulfan II	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Endosulfan sulfate	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Endrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Endrin aldehyde	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Endrin ketone	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
gamma-BHC (Lindane)	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
trans-Chlordane	5.6		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Heptachlor	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Heptachlor epoxide	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Methoxychlor	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/05/23 10:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	49		38 - 148			08/02/23 11:28	08/05/23 10:41	1
DCB Decachlorobiphenyl (Surr)	77		37 - 151			08/02/23 11:28	08/05/23 10:41	1

Euofins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: Composite 8@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-204

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:14	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:28	08/10/23 21:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	41		38 - 148	08/02/23 11:28	08/10/23 21:14	1
DCB Decachlorobiphenyl (Surr)	62		37 - 151	08/02/23 11:28	08/10/23 21:14	1

Client Sample ID: Composite 8DUP@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-205

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1

Eurolins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 8DUP@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-205

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/10/23 21:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	46		38 - 148			08/02/23 11:28	08/10/23 21:29	1
<i>DCB Decachlorobiphenyl (Surr)</i>	67		37 - 151			08/02/23 11:28	08/10/23 21:29	1

Client Sample ID: Composite 9@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-206

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:28	08/10/23 21:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	50		38 - 148			08/02/23 11:28	08/10/23 21:44	1
<i>DCB Decachlorobiphenyl (Surr)</i>	75		37 - 151			08/02/23 11:28	08/10/23 21:44	1

Client Sample ID: Composite 9 DUP @0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-207

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
4,4'-DDE	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
4,4'-DDT	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Aldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
alpha-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
cis-Chlordane	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
beta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
delta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 9 DUP @0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-207

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Endosulfan I	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Endosulfan II	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Endosulfan sulfate	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Endrin	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Endrin aldehyde	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Endrin ketone	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
gamma-BHC (Lindane)	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
trans-Chlordane	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Heptachlor	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Heptachlor epoxide	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Methoxychlor	ND		5.0	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/10/23 21:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	54		38 - 148			08/02/23 11:28	08/10/23 21:59	1
DCB Decachlorobiphenyl (Surr)	80		37 - 151			08/02/23 11:28	08/10/23 21:59	1

Client Sample ID: Composite 9@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-208

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:28	08/10/23 22:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	68		38 - 148			08/02/23 11:28	08/10/23 22:15	1
DCB Decachlorobiphenyl (Surr)	98		37 - 151			08/02/23 11:28	08/10/23 22:15	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: Composite 10@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-209

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 10:56	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/05/23 10:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	53		38 - 148	08/02/23 11:28	08/05/23 10:56	1
DCB Decachlorobiphenyl (Surr)	85		37 - 151	08/02/23 11:28	08/05/23 10:56	1

Client Sample ID: Composite 10@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-210

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 10@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-210

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:28	08/05/23 11:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	43		38 - 148			08/02/23 11:28	08/05/23 11:11	1
<i>DCB Decachlorobiphenyl (Surr)</i>	65		37 - 151			08/02/23 11:28	08/05/23 11:11	1

Client Sample ID: Composite 11@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-211

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/05/23 11:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	57		38 - 148			08/02/23 11:28	08/05/23 11:26	1
<i>DCB Decachlorobiphenyl (Surr)</i>	87		37 - 151			08/02/23 11:28	08/05/23 11:26	1

Client Sample ID: Composite 11@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-212

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
4,4'-DDE	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
4,4'-DDT	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Aldrin	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
alpha-BHC	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
cis-Chlordane	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
beta-BHC	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
delta-BHC	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 11@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-212

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Endosulfan I	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Endosulfan II	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Endosulfan sulfate	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Endrin	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Endrin aldehyde	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Endrin ketone	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
gamma-BHC (Lindane)	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
trans-Chlordane	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Heptachlor	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Heptachlor epoxide	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Methoxychlor	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:26	08/04/23 08:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	62		38 - 148			08/02/23 11:26	08/04/23 08:05	1
DCB Decachlorobiphenyl (Surr)	76		37 - 151			08/02/23 11:26	08/04/23 08:05	1

Client Sample ID: Composite 12@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-213

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:26	08/03/23 22:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	54		38 - 148			08/02/23 11:26	08/03/23 22:43	1
DCB Decachlorobiphenyl (Surr)	64		37 - 151			08/02/23 11:26	08/03/23 22:43	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: Composite 12@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-214

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 22:58	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:26	08/03/23 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	53		38 - 148	08/02/23 11:26	08/03/23 22:58	1
DCB Decachlorobiphenyl (Surr)	56		37 - 151	08/02/23 11:26	08/03/23 22:58	1

Client Sample ID: Composite 13@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-215

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
4,4'-DDE	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
4,4'-DDT	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Aldrin	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
alpha-BHC	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
cis-Chlordane	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
beta-BHC	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
delta-BHC	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Dieldrin	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Endosulfan I	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Endosulfan II	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Endosulfan sulfate	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Endrin	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Endrin aldehyde	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Endrin ketone	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
gamma-BHC (Lindane)	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
trans-Chlordane	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Heptachlor	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Heptachlor epoxide	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 13@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-215

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		4.8	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:26	08/03/23 23:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	49		38 - 148			08/02/23 11:26	08/03/23 23:13	1
<i>DCB Decachlorobiphenyl (Surr)</i>	61		37 - 151			08/02/23 11:26	08/03/23 23:13	1

Client Sample ID: Composite 13@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-216

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:26	08/03/23 23:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	59		38 - 148			08/02/23 11:26	08/03/23 23:28	1
<i>DCB Decachlorobiphenyl (Surr)</i>	67		37 - 151			08/02/23 11:26	08/03/23 23:28	1

Client Sample ID: Composite 14@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-217

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 14@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-217

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:26	08/03/23 23:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	53		38 - 148			08/02/23 11:26	08/03/23 23:43	1
DCB Decachlorobiphenyl (Surr)	63		37 - 151			08/02/23 11:26	08/03/23 23:43	1

Client Sample ID: Composite 14@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-218

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:26	08/03/23 23:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	64		38 - 148			08/02/23 11:26	08/03/23 23:58	1
DCB Decachlorobiphenyl (Surr)	75		37 - 151			08/02/23 11:26	08/03/23 23:58	1

Eurolins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: Composite 15@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-219

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:14	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:26	08/04/23 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	53		38 - 148	08/02/23 11:26	08/04/23 00:14	1
DCB Decachlorobiphenyl (Surr)	61		37 - 151	08/02/23 11:26	08/04/23 00:14	1

Client Sample ID: Composite 15@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-220

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1

Eurolins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 15@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-220

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:26	08/04/23 00:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	63		38 - 148			08/02/23 11:26	08/04/23 00:29	1
<i>DCB Decachlorobiphenyl (Surr)</i>	73		37 - 151			08/02/23 11:26	08/04/23 00:29	1

Client Sample ID: Composite 16@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-221

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:26	08/04/23 00:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	66		38 - 148			08/02/23 11:26	08/04/23 00:44	1
<i>DCB Decachlorobiphenyl (Surr)</i>	75		37 - 151			08/02/23 11:26	08/04/23 00:44	1

Client Sample ID: Composite 16@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-222

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 16@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-222

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:26	08/04/23 21:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	60		38 - 148			08/02/23 11:26	08/04/23 21:02	1
DCB Decachlorobiphenyl (Surr)	72		37 - 151			08/02/23 11:26	08/04/23 21:02	1

Client Sample ID: Composite 17@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-223

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
4,4'-DDE	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
4,4'-DDT	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Aldrin	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
alpha-BHC	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
cis-Chlordane	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
beta-BHC	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
delta-BHC	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Dieldrin	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Endosulfan I	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Endosulfan II	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Endosulfan sulfate	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Endrin	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Endrin aldehyde	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Endrin ketone	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
gamma-BHC (Lindane)	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
trans-Chlordane	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Heptachlor	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Heptachlor epoxide	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Methoxychlor	ND		5.0	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:26	08/04/23 21:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	58		38 - 148			08/02/23 11:26	08/04/23 21:17	1
DCB Decachlorobiphenyl (Surr)	75		37 - 151			08/02/23 11:26	08/04/23 21:17	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: Composite 17@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-224

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
4,4'-DDE	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
4,4'-DDT	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Aldrin	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
alpha-BHC	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
cis-Chlordane	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
beta-BHC	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
delta-BHC	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Dieldrin	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Endosulfan I	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Endosulfan II	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Endosulfan sulfate	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Endrin	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Endrin aldehyde	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Endrin ketone	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
gamma-BHC (Lindane)	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
trans-Chlordane	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Heptachlor	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Heptachlor epoxide	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Methoxychlor	ND		4.8	ug/Kg		08/02/23 11:26	08/04/23 21:33	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:26	08/04/23 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	60		38 - 148	08/02/23 11:26	08/04/23 21:33	1
DCB Decachlorobiphenyl (Surr)	75		37 - 151	08/02/23 11:26	08/04/23 21:33	1

Client Sample ID: Composite 18@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-225

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: Composite 18@0.5'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-225

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Toxaphene	ND		24	ug/Kg		08/02/23 11:26	08/04/23 21:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	58		38 - 148			08/02/23 11:26	08/04/23 21:48	1
<i>DCB Decachlorobiphenyl (Surr)</i>	76		37 - 151			08/02/23 11:26	08/04/23 21:48	1

Client Sample ID: Composite 18@3.0'

Date Collected: 07/27/23 00:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-226

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
4,4'-DDE	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
4,4'-DDT	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Aldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
alpha-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
cis-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
beta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
delta-BHC	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Dieldrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Endosulfan I	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Endosulfan II	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Endosulfan sulfate	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Endrin	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Endrin aldehyde	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Endrin ketone	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
gamma-BHC (Lindane)	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
trans-Chlordane	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Heptachlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Heptachlor epoxide	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Methoxychlor	ND		4.9	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:26	08/04/23 22:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene (Surr)</i>	59		38 - 148			08/02/23 11:26	08/04/23 22:03	1
<i>DCB Decachlorobiphenyl (Surr)</i>	84		37 - 151			08/02/23 11:26	08/04/23 22:03	1

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: B-20@0.5'
Date Collected: 07/25/23 09:32
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		48	ug/Kg		08/01/23 17:34	08/03/23 19:24	1
PCB-1221	ND		48	ug/Kg		08/01/23 17:34	08/03/23 19:24	1
PCB-1232	ND		48	ug/Kg		08/01/23 17:34	08/03/23 19:24	1
PCB-1242	ND		48	ug/Kg		08/01/23 17:34	08/03/23 19:24	1
PCB-1248	ND		48	ug/Kg		08/01/23 17:34	08/03/23 19:24	1
PCB-1254	ND		48	ug/Kg		08/01/23 17:34	08/03/23 19:24	1
PCB-1260	ND		48	ug/Kg		08/01/23 17:34	08/03/23 19:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	81		20 - 120			08/01/23 17:34	08/03/23 19:24	1
Tetrachloro-m-xylene (Surr)	65		25 - 120			08/01/23 17:34	08/03/23 19:24	1

Client Sample ID: B-21@0.5'
Date Collected: 07/25/23 09:39
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	ug/Kg		08/01/23 17:34	08/03/23 19:42	1
PCB-1221	ND		50	ug/Kg		08/01/23 17:34	08/03/23 19:42	1
PCB-1232	ND		50	ug/Kg		08/01/23 17:34	08/03/23 19:42	1
PCB-1242	ND		50	ug/Kg		08/01/23 17:34	08/03/23 19:42	1
PCB-1248	ND		50	ug/Kg		08/01/23 17:34	08/03/23 19:42	1
PCB-1254	ND		50	ug/Kg		08/01/23 17:34	08/03/23 19:42	1
PCB-1260	ND		50	ug/Kg		08/01/23 17:34	08/03/23 19:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	72		20 - 120			08/01/23 17:34	08/03/23 19:42	1
Tetrachloro-m-xylene (Surr)	62		25 - 120			08/01/23 17:34	08/03/23 19:42	1

Client Sample ID: B-4@0.5'
Date Collected: 07/25/23 11:00
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-15
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:00	1
PCB-1221	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:00	1
PCB-1232	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:00	1
PCB-1242	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:00	1
PCB-1248	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:00	1
PCB-1254	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:00	1
PCB-1260	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	75		20 - 120			08/01/23 17:34	08/03/23 20:00	1
Tetrachloro-m-xylene (Surr)	65		25 - 120			08/01/23 17:34	08/03/23 20:00	1

Client Sample ID: B-4DUP@0.5'
Date Collected: 07/25/23 11:01
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-16
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		48	ug/Kg		08/01/23 17:34	08/03/23 20:18	1
PCB-1221	ND		48	ug/Kg		08/01/23 17:34	08/03/23 20:18	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: B-4DUP@0.5'

Date Collected: 07/25/23 11:01

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-16

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		48	ug/Kg		08/01/23 17:34	08/03/23 20:18	1
PCB-1242	ND		48	ug/Kg		08/01/23 17:34	08/03/23 20:18	1
PCB-1248	ND		48	ug/Kg		08/01/23 17:34	08/03/23 20:18	1
PCB-1254	ND		48	ug/Kg		08/01/23 17:34	08/03/23 20:18	1
PCB-1260	ND		48	ug/Kg		08/01/23 17:34	08/03/23 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	77		20 - 120	08/01/23 17:34	08/03/23 20:18	1
Tetrachloro-m-xylene (Surr)	63		25 - 120	08/01/23 17:34	08/03/23 20:18	1

Client Sample ID: B-3@0.5'

Date Collected: 07/25/23 11:05

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-19

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:36	1
PCB-1221	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:36	1
PCB-1232	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:36	1
PCB-1242	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:36	1
PCB-1248	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:36	1
PCB-1254	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:36	1
PCB-1260	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	77		20 - 120	08/01/23 17:34	08/03/23 20:36	1
Tetrachloro-m-xylene (Surr)	68		25 - 120	08/01/23 17:34	08/03/23 20:36	1

Client Sample ID: B-2@0.5'

Date Collected: 07/25/23 11:11

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-23

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:54	1
PCB-1221	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:54	1
PCB-1232	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:54	1
PCB-1242	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:54	1
PCB-1248	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:54	1
PCB-1254	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:54	1
PCB-1260	ND		49	ug/Kg		08/01/23 17:34	08/03/23 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	65		20 - 120	08/01/23 17:34	08/03/23 20:54	1
Tetrachloro-m-xylene (Surr)	63		25 - 120	08/01/23 17:34	08/03/23 20:54	1

Client Sample ID: B-6@0.5'

Date Collected: 07/25/23 12:19

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-31

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:12	1
PCB-1221	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:12	1
PCB-1232	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:12	1
PCB-1242	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:12	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: B-6@0.5'
Date Collected: 07/25/23 12:19
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-31
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:12	1
PCB-1254	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:12	1
PCB-1260	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	71		20 - 120	08/01/23 17:34	08/03/23 21:12	1
Tetrachloro-m-xylene (Surr)	69		25 - 120	08/01/23 17:34	08/03/23 21:12	1

Client Sample ID: B-8@0.5'
Date Collected: 07/25/23 12:22
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-33
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:30	1
PCB-1221	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:30	1
PCB-1232	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:30	1
PCB-1242	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:30	1
PCB-1248	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:30	1
PCB-1254	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:30	1
PCB-1260	ND		49	ug/Kg		08/01/23 17:34	08/03/23 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	68		20 - 120	08/01/23 17:34	08/03/23 21:30	1
Tetrachloro-m-xylene (Surr)	63		25 - 120	08/01/23 17:34	08/03/23 21:30	1

Client Sample ID: B-7@0.5'
Date Collected: 07/25/23 12:25
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-35
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	ug/Kg		08/01/23 17:34	08/03/23 21:48	1
PCB-1221	ND		50	ug/Kg		08/01/23 17:34	08/03/23 21:48	1
PCB-1232	ND		50	ug/Kg		08/01/23 17:34	08/03/23 21:48	1
PCB-1242	ND		50	ug/Kg		08/01/23 17:34	08/03/23 21:48	1
PCB-1248	ND		50	ug/Kg		08/01/23 17:34	08/03/23 21:48	1
PCB-1254	ND		50	ug/Kg		08/01/23 17:34	08/03/23 21:48	1
PCB-1260	ND		50	ug/Kg		08/01/23 17:34	08/03/23 21:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	61		20 - 120	08/01/23 17:34	08/03/23 21:48	1
Tetrachloro-m-xylene (Surr)	60		25 - 120	08/01/23 17:34	08/03/23 21:48	1

Client Sample ID: B-9@0.5'
Date Collected: 07/25/23 12:29
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-37
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:06	1
PCB-1221	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:06	1
PCB-1232	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:06	1
PCB-1242	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:06	1
PCB-1248	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:06	1
PCB-1254	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:06	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: B-9@0.5'
Date Collected: 07/25/23 12:29
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-37
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	69		20 - 120			08/01/23 17:34	08/03/23 22:06	1
Tetrachloro-m-xylene (Surr)	66		25 - 120			08/01/23 17:34	08/03/23 22:06	1

Client Sample ID: B-10@0.5'
Date Collected: 07/25/23 12:32
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-39
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	ug/Kg		08/01/23 17:34	08/03/23 22:24	1
PCB-1221	ND		50	ug/Kg		08/01/23 17:34	08/03/23 22:24	1
PCB-1232	ND		50	ug/Kg		08/01/23 17:34	08/03/23 22:24	1
PCB-1242	ND		50	ug/Kg		08/01/23 17:34	08/03/23 22:24	1
PCB-1248	ND		50	ug/Kg		08/01/23 17:34	08/03/23 22:24	1
PCB-1254	ND		50	ug/Kg		08/01/23 17:34	08/03/23 22:24	1
PCB-1260	ND		50	ug/Kg		08/01/23 17:34	08/03/23 22:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	67		20 - 120			08/01/23 17:34	08/03/23 22:24	1
Tetrachloro-m-xylene (Surr)	62		25 - 120			08/01/23 17:34	08/03/23 22:24	1

Client Sample ID: B-18@0.5'
Date Collected: 07/25/23 12:40
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-43
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:42	1
PCB-1221	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:42	1
PCB-1232	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:42	1
PCB-1242	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:42	1
PCB-1248	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:42	1
PCB-1254	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:42	1
PCB-1260	ND		49	ug/Kg		08/01/23 17:34	08/03/23 22:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	58		20 - 120			08/01/23 17:34	08/03/23 22:42	1
Tetrachloro-m-xylene (Surr)	63		25 - 120			08/01/23 17:34	08/03/23 22:42	1

Client Sample ID: B-19@0.5'
Date Collected: 07/25/23 12:44
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-45
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		48	ug/Kg		08/01/23 17:34	08/03/23 23:00	1
PCB-1221	ND		48	ug/Kg		08/01/23 17:34	08/03/23 23:00	1
PCB-1232	ND		48	ug/Kg		08/01/23 17:34	08/03/23 23:00	1
PCB-1242	ND		48	ug/Kg		08/01/23 17:34	08/03/23 23:00	1
PCB-1248	ND		48	ug/Kg		08/01/23 17:34	08/03/23 23:00	1
PCB-1254	ND		48	ug/Kg		08/01/23 17:34	08/03/23 23:00	1
PCB-1260	ND		48	ug/Kg		08/01/23 17:34	08/03/23 23:00	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	52		20 - 120	08/01/23 17:34	08/03/23 23:00	1
Tetrachloro-m-xylene (Surr)	57		25 - 120	08/01/23 17:34	08/03/23 23:00	1

Client Sample ID: B-13@0.5'
Date Collected: 07/25/23 12:48
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-47
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		48	ug/Kg	-	08/01/23 17:34	08/03/23 23:18	1
PCB-1221	ND		48	ug/Kg	-	08/01/23 17:34	08/03/23 23:18	1
PCB-1232	ND		48	ug/Kg	-	08/01/23 17:34	08/03/23 23:18	1
PCB-1242	ND		48	ug/Kg	-	08/01/23 17:34	08/03/23 23:18	1
PCB-1248	ND		48	ug/Kg	-	08/01/23 17:34	08/03/23 23:18	1
PCB-1254	ND		48	ug/Kg	-	08/01/23 17:34	08/03/23 23:18	1
PCB-1260	ND		48	ug/Kg	-	08/01/23 17:34	08/03/23 23:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	66		20 - 120	08/01/23 17:34	08/03/23 23:18	1
Tetrachloro-m-xylene (Surr)	64		25 - 120	08/01/23 17:34	08/03/23 23:18	1

Client Sample ID: B-15@0.5'
Date Collected: 07/25/23 12:53
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-49
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	ug/Kg	-	08/01/23 17:34	08/03/23 23:36	1
PCB-1221	ND		49	ug/Kg	-	08/01/23 17:34	08/03/23 23:36	1
PCB-1232	ND		49	ug/Kg	-	08/01/23 17:34	08/03/23 23:36	1
PCB-1242	ND		49	ug/Kg	-	08/01/23 17:34	08/03/23 23:36	1
PCB-1248	ND		49	ug/Kg	-	08/01/23 17:34	08/03/23 23:36	1
PCB-1254	ND		49	ug/Kg	-	08/01/23 17:34	08/03/23 23:36	1
PCB-1260	ND		49	ug/Kg	-	08/01/23 17:34	08/03/23 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	73		20 - 120	08/01/23 17:34	08/03/23 23:36	1
Tetrachloro-m-xylene (Surr)	66		25 - 120	08/01/23 17:34	08/03/23 23:36	1

Client Sample ID: B-14@0.5'
Date Collected: 07/25/23 12:57
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-51
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 23:54	1
PCB-1221	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 23:54	1
PCB-1232	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 23:54	1
PCB-1242	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 23:54	1
PCB-1248	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 23:54	1
PCB-1254	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 23:54	1
PCB-1260	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	72		20 - 120	08/01/23 17:34	08/03/23 23:54	1
Tetrachloro-m-xylene (Surr)	68		25 - 120	08/01/23 17:34	08/03/23 23:54	1

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: B-16@0.5'
Date Collected: 07/25/23 13:01
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-53
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:12	1
PCB-1221	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:12	1
PCB-1232	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:12	1
PCB-1242	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:12	1
PCB-1248	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:12	1
PCB-1254	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:12	1
PCB-1260	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	75		20 - 120	08/01/23 17:34	08/04/23 00:12	1
Tetrachloro-m-xylene (Surr)	66		25 - 120	08/01/23 17:34	08/04/23 00:12	1

Client Sample ID: B-28@0.5'
Date Collected: 07/25/23 14:03
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-67
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:30	1
PCB-1221	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:30	1
PCB-1232	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:30	1
PCB-1242	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:30	1
PCB-1248	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:30	1
PCB-1254	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:30	1
PCB-1260	ND		49	ug/Kg		08/01/23 17:34	08/04/23 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	62		20 - 120	08/01/23 17:34	08/04/23 00:30	1
Tetrachloro-m-xylene (Surr)	59		25 - 120	08/01/23 17:34	08/04/23 00:30	1

Client Sample ID: EB072523
Date Collected: 07/25/23 16:25
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-69
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.41	ug/L		07/31/23 21:27	08/02/23 14:19	1
PCB-1221	ND		0.41	ug/L		07/31/23 21:27	08/02/23 14:19	1
PCB-1232	ND		0.41	ug/L		07/31/23 21:27	08/02/23 14:19	1
PCB-1242	ND		0.41	ug/L		07/31/23 21:27	08/02/23 14:19	1
PCB-1248	ND		0.41	ug/L		07/31/23 21:27	08/02/23 14:19	1
PCB-1254	ND		0.41	ug/L		07/31/23 21:27	08/02/23 14:19	1
PCB-1260	ND		0.41	ug/L		07/31/23 21:27	08/02/23 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	60		20 - 122	07/31/23 21:27	08/02/23 14:19	1
Tetrachloro-m-xylene (Surr)	38		20 - 144	07/31/23 21:27	08/02/23 14:19	1

Client Sample ID: T-1@0.5'
Date Collected: 07/26/23 07:25
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-70
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49	ug/Kg		08/01/23 17:35	08/04/23 01:06	1
PCB-1221	ND		49	ug/Kg		08/01/23 17:35	08/04/23 01:06	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: T-1@0.5'
Date Collected: 07/26/23 07:25
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-70
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		49	ug/Kg		08/01/23 17:35	08/04/23 01:06	1
PCB-1242	ND		49	ug/Kg		08/01/23 17:35	08/04/23 01:06	1
PCB-1248	ND		49	ug/Kg		08/01/23 17:35	08/04/23 01:06	1
PCB-1254	ND		49	ug/Kg		08/01/23 17:35	08/04/23 01:06	1
PCB-1260	ND		49	ug/Kg		08/01/23 17:35	08/04/23 01:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	73		20 - 120	08/01/23 17:35	08/04/23 01:06	1
Tetrachloro-m-xylene (Surr)	67		25 - 120	08/01/23 17:35	08/04/23 01:06	1

Client Sample ID: T-1DUP@0.5'
Date Collected: 07/26/23 07:26
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-71
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	ug/Kg		08/01/23 17:36	08/04/23 01:24	1
PCB-1221	ND		50	ug/Kg		08/01/23 17:36	08/04/23 01:24	1
PCB-1232	ND		50	ug/Kg		08/01/23 17:36	08/04/23 01:24	1
PCB-1242	ND		50	ug/Kg		08/01/23 17:36	08/04/23 01:24	1
PCB-1248	ND		50	ug/Kg		08/01/23 17:36	08/04/23 01:24	1
PCB-1254	ND		50	ug/Kg		08/01/23 17:36	08/04/23 01:24	1
PCB-1260	ND		50	ug/Kg		08/01/23 17:36	08/04/23 01:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	61		20 - 120	08/01/23 17:36	08/04/23 01:24	1
Tetrachloro-m-xylene (Surr)	61		25 - 120	08/01/23 17:36	08/04/23 01:24	1

Client Sample ID: F-3@0.5'
Date Collected: 07/26/23 11:01
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-114
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	ug/Kg		08/03/23 10:38	08/04/23 12:22	1
PCB-1221	ND		50	ug/Kg		08/03/23 10:38	08/04/23 12:22	1
PCB-1232	ND		50	ug/Kg		08/03/23 10:38	08/04/23 12:22	1
PCB-1242	ND		50	ug/Kg		08/03/23 10:38	08/04/23 12:22	1
PCB-1248	ND		50	ug/Kg		08/03/23 10:38	08/04/23 12:22	1
PCB-1254	ND		50	ug/Kg		08/03/23 10:38	08/04/23 12:22	1
PCB-1260	ND		50	ug/Kg		08/03/23 10:38	08/04/23 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	68		20 - 120	08/03/23 10:38	08/04/23 12:22	1
Tetrachloro-m-xylene (Surr)	69		25 - 120	08/03/23 10:38	08/04/23 12:22	1

Client Sample ID: T-2@0.5'
Date Collected: 07/26/23 13:37
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-120
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		48	ug/Kg		08/03/23 10:38	08/04/23 12:40	1
PCB-1221	ND		48	ug/Kg		08/03/23 10:38	08/04/23 12:40	1
PCB-1232	ND		48	ug/Kg		08/03/23 10:38	08/04/23 12:40	1
PCB-1242	ND		48	ug/Kg		08/03/23 10:38	08/04/23 12:40	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Client Sample ID: T-2@0.5'
Date Collected: 07/26/23 13:37
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-120
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		48	ug/Kg		08/03/23 10:38	08/04/23 12:40	1
PCB-1254	ND		48	ug/Kg		08/03/23 10:38	08/04/23 12:40	1
PCB-1260	ND		48	ug/Kg		08/03/23 10:38	08/04/23 12:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	112		20 - 120			08/03/23 10:38	08/04/23 12:40	1
Tetrachloro-m-xylene (Surr)	78		25 - 120			08/03/23 10:38	08/04/23 12:40	1

Client Sample ID: EB072623
Date Collected: 07/26/23 00:00
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-191
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.40	ug/L		07/31/23 21:47	08/02/23 14:37	1
PCB-1221	ND		0.40	ug/L		07/31/23 21:47	08/02/23 14:37	1
PCB-1232	ND		0.40	ug/L		07/31/23 21:47	08/02/23 14:37	1
PCB-1242	ND		0.40	ug/L		07/31/23 21:47	08/02/23 14:37	1
PCB-1248	ND		0.40	ug/L		07/31/23 21:47	08/02/23 14:37	1
PCB-1254	ND		0.40	ug/L		07/31/23 21:47	08/02/23 14:37	1
PCB-1260	ND		0.40	ug/L		07/31/23 21:47	08/02/23 14:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	68		20 - 122			07/31/23 21:47	08/02/23 14:37	1
Tetrachloro-m-xylene (Surr)	62		20 - 144			07/31/23 21:47	08/02/23 14:37	1

Client Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-20@0.5'
Date Collected: 07/25/23 09:32
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.4		1.96	mg/Kg		08/03/23 07:56	08/07/23 17:35	5

Client Sample ID: B-21@0.5'
Date Collected: 07/25/23 09:39
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13.4		1.95	mg/Kg		08/03/23 07:56	08/07/23 17:37	5

Client Sample ID: B-4@0.5'
Date Collected: 07/25/23 11:00
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-15
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16.8		1.97	mg/Kg		08/03/23 07:56	08/07/23 17:40	5

Client Sample ID: B-3@0.5'
Date Collected: 07/25/23 11:05
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-19
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.5		1.96	mg/Kg		08/03/23 07:56	08/07/23 17:42	5

Client Sample ID: B-2@0.5'
Date Collected: 07/25/23 11:11
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-23
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	12.8		1.97	mg/Kg		08/03/23 07:56	08/07/23 17:44	5

Client Sample ID: B-6@0.5'
Date Collected: 07/25/23 12:19
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-31
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.3		1.97	mg/Kg		08/03/23 07:56	08/07/23 17:52	5

Client Sample ID: B-8@0.5'
Date Collected: 07/25/23 12:22
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-33
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16.5		1.96	mg/Kg		08/03/23 07:56	08/07/23 17:54	5

Client Sample ID: B-7@0.5'
Date Collected: 07/25/23 12:25
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-35
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	18.6		1.98	mg/Kg		08/03/23 07:56	08/07/23 17:57	5

Client Sample ID: B-9@0.5'
Date Collected: 07/25/23 12:29
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-37
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13.4		1.95	mg/Kg		08/03/23 07:56	08/07/23 17:59	5

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B-10@0.5' Date Collected: 07/25/23 12:32 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-39 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Lead	13.2		1.97	mg/Kg		08/03/23 07:56	08/07/23 18:01	5	
Client Sample ID: B-18@0.5' Date Collected: 07/25/23 12:40 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-43 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Lead	11.3		1.95	mg/Kg		08/03/23 07:56	08/07/23 17:25	5	
Client Sample ID: B-19@0.5' Date Collected: 07/25/23 12:44 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-45 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Lead	23.2		1.98	mg/Kg		08/03/23 07:56	08/07/23 18:04	5	
Client Sample ID: B-13@0.5' Date Collected: 07/25/23 12:48 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-47 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Lead	21.8		1.98	mg/Kg		08/03/23 07:56	08/07/23 18:06	5	
Client Sample ID: B-15@0.5' Date Collected: 07/25/23 12:53 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-49 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Lead	5.36		1.96	mg/Kg		08/03/23 07:56	08/07/23 18:09	5	
Client Sample ID: B-14@0.5' Date Collected: 07/25/23 12:57 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-51 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Lead	14.8		1.99	mg/Kg		08/03/23 07:56	08/07/23 18:11	5	
Client Sample ID: B-16@0.5' Date Collected: 07/25/23 13:01 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-53 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Lead	11.8		1.97	mg/Kg		08/03/23 07:56	08/07/23 18:13	5	
Client Sample ID: A-16@0.5' Date Collected: 07/25/23 13:17 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-57 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Arsenic	ND		2.96	mg/Kg		08/03/23 07:56	08/07/23 18:39	5	
Lead	15.1		1.97	mg/Kg		08/03/23 07:56	08/07/23 18:39	5	
Client Sample ID: B-28@0.5' Date Collected: 07/25/23 14:03 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-67 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Lead	34.1		1.96	mg/Kg		08/03/23 07:56	08/07/23 18:42	5	

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: A-3@0.5'
Date Collected: 07/26/23 07:55
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-78
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.02	mg/Kg		08/03/23 07:56	08/07/23 18:44	5
Lead	16.5		2.01	mg/Kg		08/03/23 07:56	08/07/23 18:44	5

Client Sample ID: A-3DUP@0.5'
Date Collected: 07/26/23 07:56
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-79
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	12.1		2.01	mg/Kg		08/03/23 07:56	08/07/23 18:47	5

Client Sample ID: A-1@0.5'
Date Collected: 07/26/23 08:21
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-86
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.00	mg/Kg		08/04/23 10:29	08/08/23 19:57	5
Lead	13.2		2.00	mg/Kg		08/04/23 10:29	08/08/23 19:57	5

Client Sample ID: A-1DUP@0.5'
Date Collected: 07/26/23 08:22
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-87
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.09		3.05	mg/Kg		08/04/23 10:29	08/08/23 19:59	5
Lead	10.7		2.03	mg/Kg		08/04/23 10:29	08/08/23 19:59	5

Client Sample ID: A-5@0.5'
Date Collected: 07/26/23 08:36
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-90
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.09		2.96	mg/Kg		08/04/23 10:29	08/08/23 20:09	5
Lead	11.8		1.97	mg/Kg		08/04/23 10:29	08/08/23 20:09	5

Client Sample ID: A-10@0.5'
Date Collected: 07/26/23 08:53
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-94
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.46		2.99	mg/Kg		08/04/23 10:29	08/08/23 20:11	5
Lead	59.3		1.99	mg/Kg		08/04/23 10:29	08/08/23 20:11	5

Client Sample ID: A-8@0.5'
Date Collected: 07/26/23 09:05
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-98
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.08		2.97	mg/Kg		08/04/23 10:29	08/08/23 20:13	5
Lead	11.5		1.98	mg/Kg		08/04/23 10:29	08/08/23 20:13	5

Client Sample ID: A-11@0.5'
Date Collected: 07/26/23 09:12
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-100
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.03		3.02	mg/Kg		08/04/23 10:29	08/08/23 20:16	5
Lead	13.0		2.01	mg/Kg		08/04/23 10:29	08/08/23 20:16	5

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: A-15@0.5'
Date Collected: 07/26/23 10:39
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-108
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.99	mg/Kg		08/09/23 06:35	08/09/23 19:34	5
Lead	292		1.99	mg/Kg		08/09/23 06:35	08/09/23 19:34	5

Client Sample ID: A-19@0.5'
Date Collected: 07/26/23 10:50
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-110
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.04		3.03	mg/Kg		08/04/23 10:29	08/08/23 20:18	5
Lead	14.7		2.02	mg/Kg		08/04/23 10:29	08/08/23 20:18	5

Client Sample ID: A-18@0.5'
Date Collected: 07/26/23 10:55
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-112
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.99	mg/Kg		08/09/23 06:35	08/09/23 19:37	5
Lead	19.0		1.99	mg/Kg		08/09/23 06:35	08/09/23 19:37	5

Client Sample ID: A-17@0.5'
Date Collected: 07/26/23 11:07
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-116
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		6.00	mg/Kg		08/04/23 10:29	08/08/23 20:21	5
Lead	13.7		4.00	mg/Kg		08/04/23 10:29	08/08/23 20:21	5

Client Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

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

Client Sample ID: EB072523
Date Collected: 07/25/23 16:25
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-69
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	mg/L		08/01/23 07:58	08/02/23 00:12	1
Lead	ND		0.0500	mg/L		08/01/23 07:58	08/02/23 00:12	1

Client Sample ID: EB072623
Date Collected: 07/26/23 00:00
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-191
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	mg/L		08/01/23 07:58	08/02/23 00:09	1
Lead	ND		0.0500	mg/L		08/01/23 07:58	08/02/23 00:09	1

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: Composite - Sample Compositing

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Client Sample ID: B-11@0.5' Date Collected: 07/25/23 12:36 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-41 Matrix: Solid		
Composited	yes			NONE			07/31/23 18:41	1
Client Sample ID: B-11@3.0' Date Collected: 07/25/23 12:38 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-42 Matrix: Solid		
Composited	yes			NONE			07/31/23 18:41	1
Client Sample ID: A-7@0.5' Date Collected: 07/25/23 13:10 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-55 Matrix: Solid		
Composited	yes			NONE			07/31/23 18:41	1
Client Sample ID: A-16@0.5' Date Collected: 07/25/23 13:17 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-57 Matrix: Solid		
Composited	yes			NONE			07/31/23 18:41	1
Client Sample ID: A-2@0.5' Date Collected: 07/26/23 07:36 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-74 Matrix: Solid		
Composited	yes			NONE			07/31/23 18:41	1
Client Sample ID: A-2DUP@0.5' Date Collected: 07/26/23 07:38 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-75 Matrix: Solid		
Composited	yes			NONE			07/31/23 18:41	1
Client Sample ID: A-3@0.5' Date Collected: 07/26/23 07:55 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-78 Matrix: Solid		
Composited	yes			NONE			07/31/23 18:41	1
Client Sample ID: A-3DUP@0.5' Date Collected: 07/26/23 07:56 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-79 Matrix: Solid		
Composited	yes			NONE			07/31/23 18:41	1
Client Sample ID: A-4@0.5' Date Collected: 07/26/23 08:07 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-82 Matrix: Solid		
Composited	yes			NONE			07/31/23 18:41	1

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: Composite - Sample Compositing

Client Sample ID: A-4DUP@0.5' Date Collected: 07/26/23 08:08 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-83 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-1@0.5' Date Collected: 07/26/23 08:21 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-86 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-1DUP@0.5' Date Collected: 07/26/23 08:22 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-87 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-5@0.5' Date Collected: 07/26/23 08:36 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-90 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-6@0.5' Date Collected: 07/26/23 08:54 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-92 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-10@0.5' Date Collected: 07/26/23 08:53 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-94 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-9@0.5' Date Collected: 07/26/23 09:00 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-96 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-8@0.5' Date Collected: 07/26/23 09:05 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-98 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-11@0.5' Date Collected: 07/26/23 09:12 Date Received: 07/28/23 14:45						Lab Sample ID: 570-146759-100 Matrix: Solid			
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	

Eurolins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: Composite - Sample Compositing

Client Sample ID: A-12@0.5' Date Collected: 07/26/23 10:18 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-102 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-13@0.5' Date Collected: 07/26/23 10:27 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-104 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-14@0.5' Date Collected: 07/26/23 10:32 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-106 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-15@0.5' Date Collected: 07/26/23 10:39 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-108 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-19@0.5' Date Collected: 07/26/23 10:50 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-110 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-18@0.5' Date Collected: 07/26/23 10:55 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-112 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-17@0.5' Date Collected: 07/26/23 11:07 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-116 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: A-20@0.5' Date Collected: 07/26/23 11:18 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-118 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-10@0.5' Date Collected: 07/26/23 15:30 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-122 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	

Eurolins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Method: Composite - Sample Compositing

Client Sample ID: C-10@3.0'
Date Collected: 07/26/23 15:35
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-123
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-9@0.5'
Date Collected: 07/27/23 07:57
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-124
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-9DUP@0.5'
Date Collected: 07/27/23 07:58
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-125
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-9@3.0'
Date Collected: 07/27/23 08:10
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-126
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-26@0.5'
Date Collected: 07/27/23 08:37
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-127
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-26@3.0'
Date Collected: 07/27/23 08:49
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-128
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-8@0.5'
Date Collected: 07/27/23 08:44
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-129
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-8DUP@0.5'
Date Collected: 07/27/23 08:45
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-130
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-8@3.0'
Date Collected: 07/27/23 08:53
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-131
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

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Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: Composite - Sample Compositing

Client Sample ID: C-25@0.5' Date Collected: 07/27/23 08:53 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-132 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-25@3.0' Date Collected: 07/27/23 09:04 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-133 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-7@0.5' Date Collected: 07/27/23 09:11 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-134 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-7DUP@0.5' Date Collected: 07/27/23 09:12 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-135 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-7@3.0' Date Collected: 07/27/23 09:20 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-136 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-7DUP@3.0' Date Collected: 07/27/23 09:21 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-137 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-5@0.5' Date Collected: 07/27/23 10:01 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-138 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-5DUP@0.5' Date Collected: 07/27/23 10:02 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-139 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-5@3.0' Date Collected: 07/27/23 10:25 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-140 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	

Client Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Method: Composite - Sample Compositing

Client Sample ID: C-5DUP@3.0'

Date Collected: 07/27/23 10:26

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-141

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-27@0.5'

Date Collected: 07/27/23 09:55

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-142

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-27@3.0'

Date Collected: 07/27/23 10:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-143

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-28@0.5'

Date Collected: 07/27/23 10:14

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-144

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-28@3.0'

Date Collected: 07/27/23 10:18

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-145

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-15@0.5'

Date Collected: 07/27/23 10:46

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-146

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-15@3.0'

Date Collected: 07/27/23 10:59

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-147

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-29@0.5'

Date Collected: 07/27/23 11:06

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-148

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-29@3.0'

Date Collected: 07/27/23 11:12

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-149

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

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Client Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Method: Composite - Sample Compositing

Client Sample ID: C-20@0.5'
Date Collected: 07/27/23 11:37
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-150
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-20@3.0'
Date Collected: 07/27/23 11:41
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-151
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-11@0.5'
Date Collected: 07/27/23 12:53
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-152
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-11@3.0'
Date Collected: 07/27/23 13:01
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-153
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-19@0.5'
Date Collected: 07/27/23 11:54
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-154
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-19@3.0'
Date Collected: 07/27/23 12:41
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-155
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-18@0.5'
Date Collected: 07/27/23 13:00
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-156
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-18@3.0'
Date Collected: 07/27/23 13:03
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-157
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-12@0.5'
Date Collected: 07/27/23 13:22
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-158
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Eurofins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: Composite - Sample Compositing

Client Sample ID: C-12@3.0' Date Collected: 07/27/23 13:29 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-159 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-16@0.5' Date Collected: 07/27/23 11:53 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-160 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-16@3.0' Date Collected: 07/27/23 13:40 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-161 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-13@0.5' Date Collected: 07/27/23 13:48 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-162 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-13@3.0' Date Collected: 07/27/23 13:59 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-163 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-21@0.5' Date Collected: 07/27/23 13:55 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-164 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-21@3.0' Date Collected: 07/27/23 13:59 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-165 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-22@0.5' Date Collected: 07/27/23 14:06 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-166 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-22@3.0' Date Collected: 07/27/23 14:12 Date Received: 07/28/23 14:45		Lab Sample ID: 570-146759-167 Matrix: Solid							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	

Eurofins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: Composite - Sample Compositing

Client Sample ID: C-1@0.5'
Date Collected: 07/27/23 14:34
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-168
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-1@3.0'
Date Collected: 07/27/23 14:40
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-169
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-23@0.5'
Date Collected: 07/27/23 14:20
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-170
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-23@3.0'
Date Collected: 07/27/23 14:26
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-171
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-24@0.5'
Date Collected: 07/27/23 14:32
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-172
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-24@3.0'
Date Collected: 07/27/23 14:38
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-173
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-2@0.5'
Date Collected: 07/27/23 14:45
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-174
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-2@3.0'
Date Collected: 07/27/23 14:49
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-175
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-3@0.5'
Date Collected: 07/27/23 14:52
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-176
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: Composite - Sample Compositing

Client Sample ID: C-3@3.0' Date Collected: 07/27/23 14:56 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-177 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-14@0.5' Date Collected: 07/27/23 14:46 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-178 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-14@3.0' Date Collected: 07/27/23 15:04 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-179 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-4@0.5' Date Collected: 07/27/23 15:00 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-180 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-4@3.0' Date Collected: 07/27/23 15:03 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-181 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-6@0.5' Date Collected: 07/27/23 15:08 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-182 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-6@3.0' Date Collected: 07/27/23 15:13 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-183 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-17@0.5' Date Collected: 07/27/23 15:22 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-184 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	
Client Sample ID: C-17@3.0' Date Collected: 07/27/23 15:30 Date Received: 07/28/23 14:45							Lab Sample ID: 570-146759-185 Matrix: Solid		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Composited	yes			NONE			07/31/23 18:41	1	

Client Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: Composite - Sample Compositing

Client Sample ID: C-31@0.5'
Date Collected: 07/27/23 15:27
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-186
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-31@3.0'
Date Collected: 07/27/23 15:28
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-187
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-30@0.5'
Date Collected: 07/27/23 15:32
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-188
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Client Sample ID: C-30@1.5'
Date Collected: 07/27/23 15:51
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-189
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Composited	yes			NONE			07/31/23 18:41	1

Surrogate Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (38-148)	DCB1 (37-151)
570-146759-192	Composite 1@0.5'	25 S1-	37
570-146759-192 MS	Composite 1@0.5'	35 S1-	52
570-146759-192 MSD	Composite 1@0.5'	45	66
570-146759-193	Composite 1 DUP@0.5'	49	58
570-146759-194	Composite 2@0.5'	60	74
570-146759-196	Composite 4@0.5'	45	51
570-146759-197	Composite 5@0.5'	44	74
570-146759-198	Composite 6@0.5'	50	56
570-146759-199	Composite 6@3.0'	52	56
570-146759-200	Composite 7@0.5'	61	67
570-146759-204	Composite 8@3.0'	41	62
570-146759-205	Composite 8DUP@3.0'	46	67
570-146759-206	Composite 9@0.5'	50	75
570-146759-207	Composite 9 DUP @0.5'	54	80
570-146759-208	Composite 9@3.0'	68	98
570-146759-210	Composite 10@3.0'	43	65
570-146759-211	Composite 11@0.5'	57	87
570-146759-213	Composite 12@0.5'	54	64
570-146759-214	Composite 12@3.0'	53	56
570-146759-215	Composite 13@0.5'	49	61
570-146759-216	Composite 13@3.0'	59	67
570-146759-217	Composite 14@0.5'	53	63
570-146759-220	Composite 15@3.0'	63	73
570-146759-221	Composite 16@0.5'	66	75
LCS 570-350929/2-A	Lab Control Sample	72	82
LCS 570-351190/2-A	Lab Control Sample	79	81
LCSD 570-350929/3-A	Lab Control Sample Dup	74	90
LCSD 570-351190/3-A	Lab Control Sample Dup	81	92
MB 570-350929/1-A	Method Blank	77	91
MB 570-351190/1-A	Method Blank	79	88

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (38-148)	DCB1 (37-151)
570-146759-195	Composite 3@0.5'	45	63
570-146759-201	Composite 7@3.0'	71	70
570-146759-212	Composite 11@3.0'	62	76
570-146759-218	Composite 14@3.0'	64	75
570-146759-219	Composite 15@0.5'	53	61
570-146759-222	Composite 16@3.0'	60	72
570-146759-223	Composite 17@0.5'	58	75
570-146759-225	Composite 18@0.5'	58	76

Surrogate Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (38-148)	DCB1 (37-151)
570-146759-226	Composite 18@3.0'	59	84

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (38-148)	DCB2 (37-151)
570-146759-202	Composite 8@0.5'	43	66
570-146759-203	Composite 8DUP @0.5'	49	77
570-146759-209	Composite 10@0.5'	53	85

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (38-148)	DCB2 (37-151)
570-146759-224	Composite 17@3.0'	60	75

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (49-132)	DCB1 (10-142)
570-146759-190	EB072723	72	65
LCS 570-350586/2-A	Lab Control Sample	74	110
LCSD 570-350586/3-A	Lab Control Sample Dup	59	87
MB 570-350586/1-A	Method Blank	74	107

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Surrogate Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (49-132)	DCB1 (10-142)
570-146759-191	EB072623	59	71

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (49-132)	DCB2 (10-142)
570-146759-69	EB072523	80	68

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (20-120)	TCX1 (25-120)
570-146759-1	B-20@0.5'	81	65
570-146759-3	B-21@0.5'	72	62
570-146759-15	B-4@0.5'	75	65
570-146759-16	B-4DUP@0.5'	77	63
570-146759-16 MS	B-4DUP@0.5'	79	65
570-146759-16 MSD	B-4DUP@0.5'	84	66
570-146759-19	B-3@0.5'	77	68
570-146759-23	B-2@0.5'	65	63
570-146759-31	B-6@0.5'	71	69
570-146759-33	B-8@0.5'	68	63
570-146759-35	B-7@0.5'	61	60
570-146759-37	B-9@0.5'	69	66
570-146759-39	B-10@0.5'	67	62
570-146759-43	B-18@0.5'	58	63
570-146759-45	B-19@0.5'	52	57
570-146759-47	B-13@0.5'	66	64
570-146759-49	B-15@0.5'	73	66
570-146759-51	B-14@0.5'	72	68
570-146759-53	B-16@0.5'	75	66
570-146759-67	B-28@0.5'	62	59
570-146759-70	T-1@0.5'	73	67
570-146759-71	T-1DUP@0.5'	61	61
570-146759-114	F-3@0.5'	68	69
570-146759-120	T-2@0.5'	112	78
LCS 570-350934/2-A	Lab Control Sample	96	74
LCS 570-351604/2-A	Lab Control Sample	63	72
LCS 570-350934/3-A	Lab Control Sample Dup	100	78

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Surrogate Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (20-120)	TCX1 (25-120)
LCSD 570-351604/3-A	Lab Control Sample Dup	75	77
MB 570-350934/1-A	Method Blank	100	77
MB 570-351604/1-A	Method Blank	98	80

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)

Lab Sample ID	Client Sample ID	DCB1 (20-122)	TCX1 (20-144)
570-146759-69	EB072523	60	38
570-146759-191	EB072623	68	62
LCS 570-350586/4-A	Lab Control Sample	103	87
LCSD 570-350586/5-A	Lab Control Sample Dup	96	68
MB 570-350586/1-A	Method Blank	96	78

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-350586/1-A
Matrix: Water
Analysis Batch: 350763

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 350586

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.040	ug/L		07/31/23 21:27	08/02/23 19:24	1
4,4'-DDE	ND		0.020	ug/L		07/31/23 21:27	08/02/23 19:24	1
4,4'-DDT	ND		0.020	ug/L		07/31/23 21:27	08/02/23 19:24	1
Aldrin	ND		0.020	ug/L		07/31/23 21:27	08/02/23 19:24	1
alpha-BHC	ND		0.0080	ug/L		07/31/23 21:27	08/02/23 19:24	1
cis-Chlordane	ND		0.020	ug/L		07/31/23 21:27	08/02/23 19:24	1
beta-BHC	ND		0.030	ug/L		07/31/23 21:27	08/02/23 19:24	1
delta-BHC	ND		0.020	ug/L		07/31/23 21:27	08/02/23 19:24	1
Dieldrin	ND		0.020	ug/L		07/31/23 21:27	08/02/23 19:24	1
Endosulfan I	ND		0.0080	ug/L		07/31/23 21:27	08/02/23 19:24	1
Endosulfan II	ND		0.040	ug/L		07/31/23 21:27	08/02/23 19:24	1
Endosulfan sulfate	ND		0.020	ug/L		07/31/23 21:27	08/02/23 19:24	1
Endrin	ND		0.020	ug/L		07/31/23 21:27	08/02/23 19:24	1
Endrin aldehyde	ND		0.20	ug/L		07/31/23 21:27	08/02/23 19:24	1
Endrin ketone	ND		0.020	ug/L		07/31/23 21:27	08/02/23 19:24	1
gamma-BHC (Lindane)	ND		0.0080	ug/L		07/31/23 21:27	08/02/23 19:24	1
trans-Chlordane	ND		0.060	ug/L		07/31/23 21:27	08/02/23 19:24	1
Heptachlor	ND		0.0080	ug/L		07/31/23 21:27	08/02/23 19:24	1
Heptachlor epoxide	ND		0.040	ug/L		07/31/23 21:27	08/02/23 19:24	1
Methoxychlor	ND		0.040	ug/L		07/31/23 21:27	08/02/23 19:24	1
Toxaphene	ND		0.40	ug/L		07/31/23 21:27	08/02/23 19:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	74		49 - 132	07/31/23 21:27	08/02/23 19:24	1
DCB Decachlorobiphenyl (Surr)	107		10 - 142	07/31/23 21:27	08/02/23 19:24	1

Lab Sample ID: LCS 570-350586/2-A
Matrix: Water
Analysis Batch: 350763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 350586

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.200	0.1598		ug/L		80	27 - 162
4,4'-DDE	0.200	0.1427		ug/L		71	23 - 160
4,4'-DDT	0.200	0.1546		ug/L		77	11 - 173
Aldrin	0.200	0.1249		ug/L		62	31 - 135
alpha-BHC	0.200	0.1250		ug/L		62	28 - 147
cis-Chlordane	0.200	0.1358		ug/L		68	26 - 151
beta-BHC	0.200	0.1241		ug/L		62	26 - 151
delta-BHC	0.200	0.07340		ug/L		37	10 - 140
Dieldrin	0.200	0.1407		ug/L		70	24 - 157
Endosulfan I	0.200	0.1311		ug/L		66	26 - 150
Endosulfan II	0.200	0.1466		ug/L		73	27 - 160
Endosulfan sulfate	0.200	0.1340		ug/L		67	25 - 146
Endrin	0.200	0.1423		ug/L		71	24 - 170
Endrin aldehyde	0.200	ND		ug/L		69	23 - 153
Endrin ketone	0.200	0.1402		ug/L		70	32 - 154
gamma-BHC (Lindane)	0.200	0.1275		ug/L		64	28 - 151

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QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: LCS 570-350586/2-A
Matrix: Water
Analysis Batch: 350763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 350586

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
trans-Chlordane	0.200	0.1374		ug/L		69	22 - 159
Heptachlor	0.200	0.1341		ug/L		67	26 - 145
Heptachlor epoxide	0.200	0.1374		ug/L		69	26 - 157
Methoxychlor	0.200	0.1691		ug/L		85	31 - 155

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene (Surr)	74		49 - 132
DCB Decachlorobiphenyl (Surr)	110		10 - 142

Lab Sample ID: LCSD 570-350586/3-A
Matrix: Water
Analysis Batch: 350763

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 350586

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier						
4,4'-DDD	0.200	0.1260		ug/L		63	27 - 162	24	30
4,4'-DDE	0.200	0.1129		ug/L		56	23 - 160	23	28
4,4'-DDT	0.200	0.1253		ug/L		63	11 - 173	21	40
Aldrin	0.200	0.1015		ug/L		51	31 - 135	21	26
alpha-BHC	0.200	0.1028		ug/L		51	28 - 147	19	26
cis-Chlordane	0.200	0.1090		ug/L		54	26 - 151	22	29
beta-BHC	0.200	0.1012		ug/L		51	26 - 151	20	26
delta-BHC	0.200	0.05934		ug/L		30	10 - 140	21	36
Dieldrin	0.200	0.1145		ug/L		57	24 - 157	21	27
Endosulfan I	0.200	0.1052		ug/L		53	26 - 150	22	25
Endosulfan II	0.200	0.1207		ug/L		60	27 - 160	19	27
Endosulfan sulfate	0.200	0.1114		ug/L		56	25 - 146	18	27
Endrin	0.200	0.1152		ug/L		58	24 - 170	21	40
Endrin aldehyde	0.200	ND		ug/L		58	23 - 153	18	25
Endrin ketone	0.200	0.1159		ug/L		58	32 - 154	19	27
gamma-BHC (Lindane)	0.200	0.1043		ug/L		52	28 - 151	20	26
trans-Chlordane	0.200	0.1098		ug/L		55	22 - 159	22	30
Heptachlor	0.200	0.1089		ug/L		54	26 - 145	21	26
Heptachlor epoxide	0.200	0.1124		ug/L		56	26 - 157	20	30
Methoxychlor	0.200	0.1388		ug/L		69	31 - 155	20	26

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene (Surr)	59		49 - 132
DCB Decachlorobiphenyl (Surr)	87		10 - 142

Lab Sample ID: MB 570-350929/1-A
Matrix: Solid
Analysis Batch: 351363

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 350929

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
4,4'-DDD	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
4,4'-DDE	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
4,4'-DDT	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1

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QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: MB 570-350929/1-A
Matrix: Solid
Analysis Batch: 351363

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 350929

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Aldrin	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
alpha-BHC	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
cis-Chlordane	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
beta-BHC	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
delta-BHC	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
Dieldrin	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
Endosulfan I	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
Endosulfan II	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
Endosulfan sulfate	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
Endrin	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
Endrin aldehyde	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
Endrin ketone	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
gamma-BHC (Lindane)	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
trans-Chlordane	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
Heptachlor	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
Heptachlor epoxide	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
Methoxychlor	ND		5.0	ug/Kg		08/01/23 17:17	08/03/23 20:27	1
Toxaphene	ND		25	ug/Kg		08/01/23 17:17	08/03/23 20:27	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene (Surr)	77		38 - 148	08/01/23 17:17	08/03/23 20:27	1
DCB Decachlorobiphenyl (Surr)	91		37 - 151	08/01/23 17:17	08/03/23 20:27	1

Lab Sample ID: LCS 570-350929/2-A
Matrix: Solid
Analysis Batch: 351363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 350929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDE	25.0	20.35		ug/Kg		81	51 - 149
4,4'-DDT	25.0	18.15		ug/Kg		73	39 - 152
Aldrin	25.0	16.59		ug/Kg		66	52 - 138
alpha-BHC	25.0	16.54		ug/Kg		66	51 - 140
cis-Chlordane	25.0	17.55		ug/Kg		70	53 - 141
beta-BHC	25.0	16.22		ug/Kg		65	53 - 141
delta-BHC	25.0	14.10		ug/Kg		56	20 - 132
Dieldrin	25.0	17.64		ug/Kg		71	52 - 144
Endosulfan I	25.0	16.62		ug/Kg		66	49 - 139
Endosulfan II	25.0	18.20		ug/Kg		73	51 - 150
Endosulfan sulfate	25.0	16.76		ug/Kg		67	45 - 139
Endrin	25.0	17.86		ug/Kg		71	53 - 151
Endrin aldehyde	25.0	14.14		ug/Kg		57	31 - 146
Endrin ketone	25.0	16.02		ug/Kg		64	51 - 150
gamma-BHC (Lindane)	25.0	16.58		ug/Kg		66	53 - 141
trans-Chlordane	25.0	18.11		ug/Kg		72	46 - 156
Heptachlor	25.0	17.58		ug/Kg		70	52 - 144
Heptachlor epoxide	25.0	17.62		ug/Kg		70	54 - 141

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QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: LCS 570-350929/2-A
Matrix: Solid
Analysis Batch: 351363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 350929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methoxychlor	25.0	17.99		ug/Kg		72	47 - 148
Surrogate							
	%Recovery	LCS	Qualifier	Limits			
<i>Tetrachloro-m-xylene (Surr)</i>	72			38 - 148			
<i>DCB Decachlorobiphenyl (Surr)</i>	82			37 - 151			

Lab Sample ID: LCSD 570-350929/3-A
Matrix: Solid
Analysis Batch: 351363

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 350929

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
4,4'-DDD	25.0	20.25		ug/Kg		81	54 - 154	10	30
4,4'-DDE	25.0	22.02		ug/Kg		88	51 - 149	8	28
4,4'-DDT	25.0	19.95		ug/Kg		80	39 - 152	9	31
Aldrin	25.0	17.34		ug/Kg		69	52 - 138	4	30
alpha-BHC	25.0	16.82		ug/Kg		67	51 - 140	2	29
cis-Chlordane	25.0	18.54		ug/Kg		74	53 - 141	5	28
beta-BHC	25.0	16.68		ug/Kg		67	53 - 141	3	29
delta-BHC	25.0	14.75		ug/Kg		59	20 - 132	4	40
Dieldrin	25.0	18.88		ug/Kg		76	52 - 144	7	28
Endosulfan I	25.0	17.41		ug/Kg		70	49 - 139	5	28
Endosulfan II	25.0	19.57		ug/Kg		78	51 - 150	7	29
Endosulfan sulfate	25.0	18.12		ug/Kg		72	45 - 139	8	30
Endrin	25.0	19.00		ug/Kg		76	53 - 151	6	29
Endrin aldehyde	25.0	13.89		ug/Kg		56	31 - 146	2	40
Endrin ketone	25.0	17.33		ug/Kg		69	51 - 150	8	30
gamma-BHC (Lindane)	25.0	16.93		ug/Kg		68	53 - 141	2	29
trans-Chlordane	25.0	19.16		ug/Kg		77	46 - 156	6	39
Heptachlor	25.0	17.83		ug/Kg		71	52 - 144	1	29
Heptachlor epoxide	25.0	18.43		ug/Kg		74	54 - 141	4	29
Methoxychlor	25.0	19.88		ug/Kg		80	47 - 148	10	29
Surrogate									
	%Recovery	LCSD	Qualifier	Limits					
<i>Tetrachloro-m-xylene (Surr)</i>	74			38 - 148					
<i>DCB Decachlorobiphenyl (Surr)</i>	90			37 - 151					

Lab Sample ID: MB 570-351190/1-A
Matrix: Solid
Analysis Batch: 351827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 351190

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
4,4'-DDD	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24		1
4,4'-DDE	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24		1
4,4'-DDT	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24		1
Aldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24		1
alpha-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24		1
cis-Chlordane	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24		1

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QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: MB 570-351190/1-A
Matrix: Solid
Analysis Batch: 351827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 351190

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
beta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
delta-BHC	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
Dieldrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
Endosulfan I	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
Endosulfan II	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
Endosulfan sulfate	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
Endrin	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
Endrin aldehyde	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
Endrin ketone	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
gamma-BHC (Lindane)	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
trans-Chlordane	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
Heptachlor	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
Heptachlor epoxide	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
Methoxychlor	ND		5.0	ug/Kg		08/02/23 11:28	08/05/23 05:24	1
Toxaphene	ND		25	ug/Kg		08/02/23 11:28	08/05/23 05:24	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene (Surr)	79		38 - 148	08/02/23 11:28	08/05/23 05:24	1
DCB Decachlorobiphenyl (Surr)	88		37 - 151	08/02/23 11:28	08/05/23 05:24	1

Lab Sample ID: LCS 570-351190/2-A
Matrix: Solid
Analysis Batch: 351827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 351190

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDE	25.0	19.22		ug/Kg		77	51 - 149
4,4'-DDT	25.0	17.00		ug/Kg		68	39 - 152
Aldrin	25.0	18.44		ug/Kg		74	52 - 138
alpha-BHC	25.0	19.05		ug/Kg		76	51 - 140
cis-Chlordane	25.0	18.67		ug/Kg		75	53 - 141
beta-BHC	25.0	17.66		ug/Kg		71	53 - 141
delta-BHC	25.0	15.19		ug/Kg		61	20 - 132
Dieldrin	25.0	18.69		ug/Kg		75	52 - 144
Endosulfan I	25.0	18.07		ug/Kg		72	49 - 139
Endosulfan II	25.0	18.83		ug/Kg		75	51 - 150
Endosulfan sulfate	25.0	16.95		ug/Kg		68	45 - 139
Endrin	25.0	18.49		ug/Kg		74	53 - 151
Endrin aldehyde	25.0	15.17		ug/Kg		61	31 - 146
Endrin ketone	25.0	16.20		ug/Kg		65	51 - 150
gamma-BHC (Lindane)	25.0	18.89		ug/Kg		76	53 - 141
trans-Chlordane	25.0	19.30		ug/Kg		77	46 - 156
Heptachlor	25.0	19.59		ug/Kg		78	52 - 144
Heptachlor epoxide	25.0	19.16		ug/Kg		77	54 - 141
Methoxychlor	25.0	17.07		ug/Kg		68	47 - 148

QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: LCS 570-351190/2-A
Matrix: Solid
Analysis Batch: 351827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 351190

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene (Surr)	79		38 - 148
DCB Decachlorobiphenyl (Surr)	81		37 - 151

Lab Sample ID: LCSD 570-351190/3-A
Matrix: Solid
Analysis Batch: 351827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 351190

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
4,4'-DDD	25.0	20.89		ug/Kg		84	54 - 154	9	30	
4,4'-DDE	25.0	19.88		ug/Kg		80	51 - 149	3	28	
4,4'-DDT	25.0	18.92		ug/Kg		76	39 - 152	11	31	
Aldrin	25.0	19.08		ug/Kg		76	52 - 138	3	30	
alpha-BHC	25.0	19.25		ug/Kg		77	51 - 140	1	29	
cis-Chlordane	25.0	19.78		ug/Kg		79	53 - 141	6	28	
beta-BHC	25.0	18.07		ug/Kg		72	53 - 141	2	29	
delta-BHC	25.0	15.61		ug/Kg		62	20 - 132	3	40	
Dieldrin	25.0	19.97		ug/Kg		80	52 - 144	7	28	
Endosulfan I	25.0	19.51		ug/Kg		78	49 - 139	8	28	
Endosulfan II	25.0	20.45		ug/Kg		82	51 - 150	8	29	
Endosulfan sulfate	25.0	18.65		ug/Kg		75	45 - 139	10	30	
Endrin	25.0	19.67		ug/Kg		79	53 - 151	6	29	
Endrin aldehyde	25.0	17.06		ug/Kg		68	31 - 146	12	40	
Endrin ketone	25.0	17.92		ug/Kg		72	51 - 150	10	30	
gamma-BHC (Lindane)	25.0	19.13		ug/Kg		77	53 - 141	1	29	
trans-Chlordane	25.0	20.43		ug/Kg		82	46 - 156	6	39	
Heptachlor	25.0	19.82		ug/Kg		79	52 - 144	1	29	
Heptachlor epoxide	25.0	19.95		ug/Kg		80	54 - 141	4	29	
Methoxychlor	25.0	19.07		ug/Kg		76	47 - 148	11	29	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene (Surr)	81		38 - 148
DCB Decachlorobiphenyl (Surr)	92		37 - 151

Lab Sample ID: 570-146759-192 MS
Matrix: Solid
Analysis Batch: 351827

Client Sample ID: Composite 1@0.5'
Prep Type: Total/NA
Prep Batch: 351190

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
4,4'-DDD	ND		24.4	9.744		ug/Kg		40	27 - 144	
4,4'-DDE	ND		24.4	10.71		ug/Kg		44	28 - 141	
4,4'-DDT	ND		24.4	8.657		ug/Kg		36	10 - 154	
Aldrin	ND		24.4	8.293		ug/Kg		34	26 - 125	
alpha-BHC	ND		24.4	7.944		ug/Kg		33	24 - 125	
cis-Chlordane	ND		24.4	8.805		ug/Kg		36	17 - 144	
beta-BHC	ND		24.4	8.012		ug/Kg		33	28 - 125	
delta-BHC	ND		24.4	7.013		ug/Kg		29	10 - 125	
Dieldrin	ND		24.4	8.996		ug/Kg		37	19 - 145	

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QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: 570-146759-192 MS

Matrix: Solid

Analysis Batch: 351827

Client Sample ID: Composite 1@0.5'

Prep Type: Total/NA

Prep Batch: 351190

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Endosulfan I	ND		24.4	8.248		ug/Kg		34		25 - 125
Endosulfan II	ND		24.4	9.199		ug/Kg		38		13 - 142
Endosulfan sulfate	ND		24.4	8.826		ug/Kg		36		14 - 126
Endrin	ND		24.4	8.827		ug/Kg		36		28 - 139
Endrin aldehyde	ND		24.4	8.183		ug/Kg		34		12 - 125
Endrin ketone	ND		24.4	9.751		ug/Kg		40		20 - 132
gamma-BHC (Lindane)	ND		24.4	7.875		ug/Kg		32		24 - 125
trans-Chlordane	ND		24.4	8.740		ug/Kg		36		10 - 160
Heptachlor	ND		24.4	8.416		ug/Kg		35		19 - 127
Heptachlor epoxide	ND		24.4	8.744		ug/Kg		36		33 - 123
Methoxychlor	ND		24.4	9.620		ug/Kg		39		19 - 128
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
Tetrachloro-m-xylene (Surr)	35	S1-	38 - 148							
DCB Decachlorobiphenyl (Surr)	52		37 - 151							

Lab Sample ID: 570-146759-192 MSD

Matrix: Solid

Analysis Batch: 351827

Client Sample ID: Composite 1@0.5'

Prep Type: Total/NA

Prep Batch: 351190

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
4,4'-DDD	ND		25.0	13.45		ug/Kg		54		27 - 144	32	40
4,4'-DDE	ND		25.0	14.11		ug/Kg		56		28 - 141	27	32
4,4'-DDT	ND		25.0	10.70		ug/Kg		43		10 - 154	21	40
Aldrin	ND		25.0	10.43		ug/Kg		42		26 - 125	23	40
alpha-BHC	ND		25.0	10.07		ug/Kg		40		24 - 125	24	40
cis-Chlordane	ND		25.0	11.12		ug/Kg		44		17 - 144	23	40
beta-BHC	ND		25.0	11.20		ug/Kg		45		28 - 125	33	39
delta-BHC	ND		25.0	9.187		ug/Kg		37		10 - 125	27	40
Dieldrin	ND		25.0	11.34		ug/Kg		45		19 - 145	23	39
Endosulfan I	ND		25.0	10.44		ug/Kg		42		25 - 125	23	39
Endosulfan II	ND		25.0	11.74		ug/Kg		47		13 - 142	24	40
Endosulfan sulfate	ND		25.0	11.00		ug/Kg		44		14 - 126	22	38
Endrin	ND		25.0	11.31		ug/Kg		45		28 - 139	25	40
Endrin aldehyde	ND		25.0	10.11		ug/Kg		40		12 - 125	21	40
Endrin ketone	ND		25.0	12.04		ug/Kg		48		20 - 132	21	40
gamma-BHC (Lindane)	ND		25.0	10.59		ug/Kg		42		24 - 125	29	40
trans-Chlordane	ND		25.0	11.00		ug/Kg		44		10 - 160	23	40
Heptachlor	ND		25.0	10.68		ug/Kg		43		19 - 127	24	40
Heptachlor epoxide	ND		25.0	11.08		ug/Kg		44		33 - 123	24	34
Methoxychlor	ND		25.0	11.63		ug/Kg		47		19 - 128	19	40
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
Tetrachloro-m-xylene (Surr)	45		38 - 148									
DCB Decachlorobiphenyl (Surr)	66		37 - 151									

QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: MB 570-350586/1-A
Matrix: Water
Analysis Batch: 351129

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 350586

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.40	ug/L	-	07/31/23 21:27	08/02/23 14:01	1
PCB-1221	ND		0.40	ug/L	-	07/31/23 21:27	08/02/23 14:01	1
PCB-1232	ND		0.40	ug/L	-	07/31/23 21:27	08/02/23 14:01	1
PCB-1242	ND		0.40	ug/L	-	07/31/23 21:27	08/02/23 14:01	1
PCB-1248	ND		0.40	ug/L	-	07/31/23 21:27	08/02/23 14:01	1
PCB-1254	ND		0.40	ug/L	-	07/31/23 21:27	08/02/23 14:01	1
PCB-1260	ND		0.40	ug/L	-	07/31/23 21:27	08/02/23 14:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	96		20 - 122	07/31/23 21:27	08/02/23 14:01	1
Tetrachloro-m-xylene (Surr)	78		20 - 144	07/31/23 21:27	08/02/23 14:01	1

Lab Sample ID: LCS 570-350586/4-A
Matrix: Water
Analysis Batch: 351129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 350586

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	0.800	0.6861		ug/L	-	86	20 - 165
PCB-1260	0.800	1.072		ug/L	-	134	42 - 148

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	103		20 - 122
Tetrachloro-m-xylene (Surr)	87		20 - 144

Lab Sample ID: LCSD 570-350586/5-A
Matrix: Water
Analysis Batch: 351129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 350586

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	0.800	0.6090		ug/L	-	76	20 - 165	12	30
PCB-1260	0.800	0.8749		ug/L	-	109	42 - 148	20	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	96		20 - 122
Tetrachloro-m-xylene (Surr)	68		20 - 144

Lab Sample ID: MB 570-350934/1-A
Matrix: Solid
Analysis Batch: 351553

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 350934

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 16:24	1
PCB-1221	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 16:24	1
PCB-1232	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 16:24	1
PCB-1242	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 16:24	1
PCB-1248	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 16:24	1
PCB-1254	ND		50	ug/Kg	-	08/01/23 17:34	08/03/23 16:24	1

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QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: MB 570-350934/1-A
Matrix: Solid
Analysis Batch: 351553

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 350934

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		50	ug/Kg		08/01/23 17:34	08/03/23 16:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	100		20 - 120	08/01/23 17:34	08/03/23 16:24	1
Tetrachloro-m-xylene (Surr)	77		25 - 120	08/01/23 17:34	08/03/23 16:24	1

Lab Sample ID: LCS 570-350934/2-A
Matrix: Solid
Analysis Batch: 351553

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 350934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	100	71.12		ug/Kg		71	53 - 133
PCB-1260	100	100.4		ug/Kg		100	39 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	96		20 - 120
Tetrachloro-m-xylene (Surr)	74		25 - 120

Lab Sample ID: LCSD 570-350934/3-A
Matrix: Solid
Analysis Batch: 351553

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 350934

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
PCB-1016	100	76.38		ug/Kg		76	53 - 133	7	32
PCB-1260	100	104.7		ug/Kg		105	39 - 140	4	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	100		20 - 120
Tetrachloro-m-xylene (Surr)	78		25 - 120

Lab Sample ID: 570-146759-16 MS
Matrix: Solid
Analysis Batch: 351553

Client Sample ID: B-4DUP@0.5'
Prep Type: Total/NA
Prep Batch: 350934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		97.7	57.59		ug/Kg		59	20 - 162
PCB-1260	ND		97.7	65.42		ug/Kg		67	20 - 155

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	79		20 - 120
Tetrachloro-m-xylene (Surr)	65		25 - 120

QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: 570-146759-16 MSD

Matrix: Solid
Analysis Batch: 351553

Client Sample ID: B-4DUP@0.5'

Prep Type: Total/NA
Prep Batch: 350934

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
PCB-1016	ND		97.7	62.20		ug/Kg		64	20 - 162	8	40
PCB-1260	ND		97.7	87.57		ug/Kg		90	20 - 155	29	40
		MSD	MSD								
Surrogate		%Recovery	Qualifier	Limits							
DCB Decachlorobiphenyl (Surr)		84		20 - 120							
Tetrachloro-m-xylene (Surr)		66		25 - 120							

Lab Sample ID: MB 570-351604/1-A

Matrix: Solid
Analysis Batch: 352007

Client Sample ID: Method Blank

Prep Type: Total/NA
Prep Batch: 351604

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
PCB-1016	ND		50	ug/Kg		08/03/23 10:38	08/04/23 11:09	1
PCB-1221	ND		50	ug/Kg		08/03/23 10:38	08/04/23 11:09	1
PCB-1232	ND		50	ug/Kg		08/03/23 10:38	08/04/23 11:09	1
PCB-1242	ND		50	ug/Kg		08/03/23 10:38	08/04/23 11:09	1
PCB-1248	ND		50	ug/Kg		08/03/23 10:38	08/04/23 11:09	1
PCB-1254	ND		50	ug/Kg		08/03/23 10:38	08/04/23 11:09	1
PCB-1260	ND		50	ug/Kg		08/03/23 10:38	08/04/23 11:09	1
		MB	MB					
Surrogate		%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)		98		20 - 120		08/03/23 10:38	08/04/23 11:09	1
Tetrachloro-m-xylene (Surr)		80		25 - 120		08/03/23 10:38	08/04/23 11:09	1

Lab Sample ID: LCS 570-351604/2-A

Matrix: Solid
Analysis Batch: 352007

Client Sample ID: Lab Control Sample

Prep Type: Total/NA
Prep Batch: 351604

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	RPD	Limit
		Added	Result				Qualifier		
PCB-1016	100	72.83		ug/Kg		73	53 - 133		
PCB-1260	100	80.38		ug/Kg		80	39 - 140		
		LCS	LCS						
Surrogate		%Recovery	Qualifier	Limits					
DCB Decachlorobiphenyl (Surr)		63		20 - 120					
Tetrachloro-m-xylene (Surr)		72		25 - 120					

Lab Sample ID: LCSD 570-351604/3-A

Matrix: Solid
Analysis Batch: 352007

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA
Prep Batch: 351604

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
		Added	Result				Qualifier		
PCB-1016	100	71.41		ug/Kg		71	53 - 133	2	32
PCB-1260	100	69.02		ug/Kg		69	39 - 140	15	40
		LCSD	LCSD						
Surrogate		%Recovery	Qualifier	Limits					
DCB Decachlorobiphenyl (Surr)		75		20 - 120					

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QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: LCSD 570-351604/3-A
 Matrix: Solid
 Analysis Batch: 352007

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 351604

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	77		25 - 120

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-351507/1-A ^5
 Matrix: Solid
 Analysis Batch: 352817

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 351507

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.02	mg/Kg		08/03/23 07:56	08/07/23 17:10	5
Lead	ND		2.01	mg/Kg		08/03/23 07:56	08/07/23 17:10	5

Lab Sample ID: LCS 570-351507/2-A ^5
 Matrix: Solid
 Analysis Batch: 352817

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 351507

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	46.88		mg/Kg		94	80 - 120
Lead	50.0	48.46		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 570-351507/3-A ^5
 Matrix: Solid
 Analysis Batch: 352817

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 351507

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Arsenic	49.5	45.53		mg/Kg		92	80 - 120	3	20
Lead	49.5	46.83		mg/Kg		95	80 - 120	3	20

Lab Sample ID: 570-146759-43 MS
 Matrix: Solid
 Analysis Batch: 352817

Client Sample ID: B-18@0.5'
 Prep Type: Total/NA
 Prep Batch: 351507

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		49.0	45.77		mg/Kg		90	75 - 125
Lead	11.3		49.0	56.96		mg/Kg		93	75 - 125

Lab Sample ID: 570-146759-43 MSD
 Matrix: Solid
 Analysis Batch: 352817

Client Sample ID: B-18@0.5'
 Prep Type: Total/NA
 Prep Batch: 351507

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Arsenic	ND		49.3	44.77		mg/Kg		88	75 - 125	2	20
Lead	11.3		49.3	54.61		mg/Kg		88	75 - 125	4	20

QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: MB 570-352029/1-A ^5
Matrix: Solid
Analysis Batch: 353158

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 352029

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.00	mg/Kg		08/04/23 10:29	08/08/23 17:56	5
Lead	ND		2.00	mg/Kg		08/04/23 10:29	08/08/23 17:56	5

Lab Sample ID: LCS 570-352029/2-A ^5
Matrix: Solid
Analysis Batch: 353158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 352029

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	49.8	46.46		mg/Kg		93	80 - 120
Lead	49.8	47.54		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 570-352029/3-A ^5
Matrix: Solid
Analysis Batch: 353158

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 352029

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	50.5	46.92		mg/Kg		93	80 - 120	1	20
Lead	50.5	47.18		mg/Kg		93	80 - 120	1	20

Lab Sample ID: MB 570-353205/1-A ^5
Matrix: Solid
Analysis Batch: 353501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 353205

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.97	mg/Kg		08/09/23 06:35	08/09/23 13:59	5
Lead	ND		1.98	mg/Kg		08/09/23 06:35	08/09/23 13:59	5

Lab Sample ID: LCS 570-353205/2-A ^5
Matrix: Solid
Analysis Batch: 353501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 353205

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	49.3	48.02		mg/Kg		97	80 - 120
Lead	49.3	48.84		mg/Kg		99	80 - 120

Lab Sample ID: LCSD 570-353205/3-A ^5
Matrix: Solid
Analysis Batch: 353501

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 353205

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	50.0	46.05		mg/Kg		92	80 - 120	4	20
Lead	50.0	45.73		mg/Kg		91	80 - 120	7	20

Lab Sample ID: MB 570-350646/1-A
Matrix: Water
Analysis Batch: 351045

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 350646

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	mg/L		08/01/23 07:58	08/01/23 23:28	1

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QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

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

Lab Sample ID: MB 570-350646/1-A
Matrix: Water
Analysis Batch: 351045

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 350646

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0500	mg/L		08/01/23 07:58	08/01/23 23:28	1

Lab Sample ID: LCS 570-350646/2-A
Matrix: Water
Analysis Batch: 351045

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 350646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.500	0.4969		mg/L		99	80 - 120
Lead	0.500	0.4915		mg/L		98	80 - 120

Lab Sample ID: LCSD 570-350646/3-A
Matrix: Water
Analysis Batch: 351045

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 350646

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.500	0.4954		mg/L		99	80 - 120	0	20
Lead	0.500	0.4969		mg/L		99	80 - 120	1	20

QC Association Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

GC Semi VOA

Prep Batch: 350586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-69	EB072523	Total/NA	Water	3510C	
570-146759-190	EB072723	Total/NA	Water	3510C	
570-146759-191	EB072623	Total/NA	Water	3510C	
MB 570-350586/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-350586/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 570-350586/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-350586/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 570-350586/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 350763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-190	EB072723	Total/NA	Water	8081A	350586
570-146759-191	EB072623	Total/NA	Water	8081A	350586
MB 570-350586/1-A	Method Blank	Total/NA	Water	8081A	350586
LCS 570-350586/2-A	Lab Control Sample	Total/NA	Water	8081A	350586
LCSD 570-350586/3-A	Lab Control Sample Dup	Total/NA	Water	8081A	350586

Prep Batch: 350929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-212	Composite 11@3.0'	Total/NA	Solid	3546	
570-146759-213	Composite 12@0.5'	Total/NA	Solid	3546	
570-146759-214	Composite 12@3.0'	Total/NA	Solid	3546	
570-146759-215	Composite 13@0.5'	Total/NA	Solid	3546	
570-146759-216	Composite 13@3.0'	Total/NA	Solid	3546	
570-146759-217	Composite 14@0.5'	Total/NA	Solid	3546	
570-146759-218	Composite 14@3.0'	Total/NA	Solid	3546	
570-146759-219	Composite 15@0.5'	Total/NA	Solid	3546	
570-146759-220	Composite 15@3.0'	Total/NA	Solid	3546	
570-146759-221	Composite 16@0.5'	Total/NA	Solid	3546	
570-146759-222	Composite 16@3.0'	Total/NA	Solid	3546	
570-146759-223	Composite 17@0.5'	Total/NA	Solid	3546	
570-146759-224	Composite 17@3.0'	Total/NA	Solid	3546	
570-146759-225	Composite 18@0.5'	Total/NA	Solid	3546	
570-146759-226	Composite 18@3.0'	Total/NA	Solid	3546	
MB 570-350929/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-350929/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-350929/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 350934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-1	B-20@0.5'	Total/NA	Solid	3546	
570-146759-3	B-21@0.5'	Total/NA	Solid	3546	
570-146759-15	B-4@0.5'	Total/NA	Solid	3546	
570-146759-16	B-4DUP@0.5'	Total/NA	Solid	3546	
570-146759-19	B-3@0.5'	Total/NA	Solid	3546	
570-146759-23	B-2@0.5'	Total/NA	Solid	3546	
570-146759-31	B-6@0.5'	Total/NA	Solid	3546	
570-146759-33	B-8@0.5'	Total/NA	Solid	3546	
570-146759-35	B-7@0.5'	Total/NA	Solid	3546	
570-146759-37	B-9@0.5'	Total/NA	Solid	3546	

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QC Association Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

GC Semi VOA (Continued)

Prep Batch: 350934 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-39	B-10@0.5'	Total/NA	Solid	3546	
570-146759-43	B-18@0.5'	Total/NA	Solid	3546	
570-146759-45	B-19@0.5'	Total/NA	Solid	3546	
570-146759-47	B-13@0.5'	Total/NA	Solid	3546	
570-146759-49	B-15@0.5'	Total/NA	Solid	3546	
570-146759-51	B-14@0.5'	Total/NA	Solid	3546	
570-146759-53	B-16@0.5'	Total/NA	Solid	3546	
570-146759-67	B-28@0.5'	Total/NA	Solid	3546	
570-146759-70	T-1@0.5'	Total/NA	Solid	3546	
570-146759-71	T-1DUP@0.5'	Total/NA	Solid	3546	
MB 570-350934/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-350934/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-350934/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-146759-16 MS	B-4DUP@0.5'	Total/NA	Solid	3546	
570-146759-16 MSD	B-4DUP@0.5'	Total/NA	Solid	3546	

Analysis Batch: 351129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-69	EB072523	Total/NA	Water	8082	350586
570-146759-191	EB072623	Total/NA	Water	8082	350586
MB 570-350586/1-A	Method Blank	Total/NA	Water	8082	350586
LCS 570-350586/4-A	Lab Control Sample	Total/NA	Water	8082	350586
LCSD 570-350586/5-A	Lab Control Sample Dup	Total/NA	Water	8082	350586

Prep Batch: 351190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-192	Composite 1@0.5'	Total/NA	Solid	3546	
570-146759-193	Composite 1 DUP@0.5'	Total/NA	Solid	3546	
570-146759-194	Composite 2@0.5'	Total/NA	Solid	3546	
570-146759-195	Composite 3@0.5'	Total/NA	Solid	3546	
570-146759-196	Composite 4@0.5'	Total/NA	Solid	3546	
570-146759-197	Composite 5@0.5'	Total/NA	Solid	3546	
570-146759-198	Composite 6@0.5'	Total/NA	Solid	3546	
570-146759-199	Composite 6@3.0'	Total/NA	Solid	3546	
570-146759-200	Composite 7@0.5'	Total/NA	Solid	3546	
570-146759-201	Composite 7@3.0'	Total/NA	Solid	3546	
570-146759-202	Composite 8@0.5'	Total/NA	Solid	3546	
570-146759-203	Composite 8DUP @0.5'	Total/NA	Solid	3546	
570-146759-204	Composite 8@3.0'	Total/NA	Solid	3546	
570-146759-205	Composite 8DUP@3.0'	Total/NA	Solid	3546	
570-146759-206	Composite 9@0.5'	Total/NA	Solid	3546	
570-146759-207	Composite 9 DUP @0.5'	Total/NA	Solid	3546	
570-146759-208	Composite 9@3.0'	Total/NA	Solid	3546	
570-146759-209	Composite 10@0.5'	Total/NA	Solid	3546	
570-146759-210	Composite 10@3.0'	Total/NA	Solid	3546	
570-146759-211	Composite 11@0.5'	Total/NA	Solid	3546	
MB 570-351190/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-351190/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-351190/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-146759-192 MS	Composite 1@0.5'	Total/NA	Solid	3546	

QC Association Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

GC Semi VOA (Continued)

Prep Batch: 351190 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-192 MSD	Composite 1@0.5'	Total/NA	Solid	3546	

Analysis Batch: 351363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-69	EB072523	Total/NA	Water	8081A	350586
570-146759-212	Composite 11@3.0'	Total/NA	Solid	8081A	350929
570-146759-213	Composite 12@0.5'	Total/NA	Solid	8081A	350929
570-146759-214	Composite 12@3.0'	Total/NA	Solid	8081A	350929
570-146759-215	Composite 13@0.5'	Total/NA	Solid	8081A	350929
570-146759-216	Composite 13@3.0'	Total/NA	Solid	8081A	350929
570-146759-217	Composite 14@0.5'	Total/NA	Solid	8081A	350929
570-146759-218	Composite 14@3.0'	Total/NA	Solid	8081A	350929
570-146759-219	Composite 15@0.5'	Total/NA	Solid	8081A	350929
570-146759-220	Composite 15@3.0'	Total/NA	Solid	8081A	350929
570-146759-221	Composite 16@0.5'	Total/NA	Solid	8081A	350929
MB 570-350929/1-A	Method Blank	Total/NA	Solid	8081A	350929
LCS 570-350929/2-A	Lab Control Sample	Total/NA	Solid	8081A	350929
LCSD 570-350929/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	350929

Analysis Batch: 351553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-1	B-20@0.5'	Total/NA	Solid	8082	350934
570-146759-3	B-21@0.5'	Total/NA	Solid	8082	350934
570-146759-15	B-4@0.5'	Total/NA	Solid	8082	350934
570-146759-16	B-4DUP@0.5'	Total/NA	Solid	8082	350934
570-146759-19	B-3@0.5'	Total/NA	Solid	8082	350934
570-146759-23	B-2@0.5'	Total/NA	Solid	8082	350934
570-146759-31	B-6@0.5'	Total/NA	Solid	8082	350934
570-146759-33	B-8@0.5'	Total/NA	Solid	8082	350934
570-146759-35	B-7@0.5'	Total/NA	Solid	8082	350934
570-146759-37	B-9@0.5'	Total/NA	Solid	8082	350934
570-146759-39	B-10@0.5'	Total/NA	Solid	8082	350934
570-146759-43	B-18@0.5'	Total/NA	Solid	8082	350934
570-146759-45	B-19@0.5'	Total/NA	Solid	8082	350934
570-146759-47	B-13@0.5'	Total/NA	Solid	8082	350934
570-146759-49	B-15@0.5'	Total/NA	Solid	8082	350934
570-146759-51	B-14@0.5'	Total/NA	Solid	8082	350934
570-146759-53	B-16@0.5'	Total/NA	Solid	8082	350934
570-146759-67	B-28@0.5'	Total/NA	Solid	8082	350934
570-146759-70	T-1@0.5'	Total/NA	Solid	8082	350934
570-146759-71	T-1DUP@0.5'	Total/NA	Solid	8082	350934
MB 570-350934/1-A	Method Blank	Total/NA	Solid	8082	350934
LCS 570-350934/2-A	Lab Control Sample	Total/NA	Solid	8082	350934
LCSD 570-350934/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	350934
570-146759-16 MS	B-4DUP@0.5'	Total/NA	Solid	8082	350934
570-146759-16 MSD	B-4DUP@0.5'	Total/NA	Solid	8082	350934

Prep Batch: 351604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-114	F-3@0.5'	Total/NA	Solid	3546	

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QC Association Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

GC Semi VOA (Continued)

Prep Batch: 351604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-120	T-2@0.5'	Total/NA	Solid	3546	
MB 570-351604/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-351604/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-351604/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 351827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-192	Composite 1@0.5'	Total/NA	Solid	8081A	351190
570-146759-193	Composite 1 DUP@0.5'	Total/NA	Solid	8081A	351190
570-146759-194	Composite 2@0.5'	Total/NA	Solid	8081A	351190
570-146759-195	Composite 3@0.5'	Total/NA	Solid	8081A	351190
570-146759-196	Composite 4@0.5'	Total/NA	Solid	8081A	351190
570-146759-197	Composite 5@0.5'	Total/NA	Solid	8081A	351190
570-146759-198	Composite 6@0.5'	Total/NA	Solid	8081A	351190
570-146759-199	Composite 6@3.0'	Total/NA	Solid	8081A	351190
570-146759-200	Composite 7@0.5'	Total/NA	Solid	8081A	351190
570-146759-201	Composite 7@3.0'	Total/NA	Solid	8081A	351190
570-146759-202	Composite 8@0.5'	Total/NA	Solid	8081A	351190
570-146759-203	Composite 8DUP @0.5'	Total/NA	Solid	8081A	351190
570-146759-209	Composite 10@0.5'	Total/NA	Solid	8081A	351190
570-146759-210	Composite 10@3.0'	Total/NA	Solid	8081A	351190
570-146759-211	Composite 11@0.5'	Total/NA	Solid	8081A	351190
570-146759-222	Composite 16@3.0'	Total/NA	Solid	8081A	350929
570-146759-223	Composite 17@0.5'	Total/NA	Solid	8081A	350929
570-146759-224	Composite 17@3.0'	Total/NA	Solid	8081A	350929
570-146759-225	Composite 18@0.5'	Total/NA	Solid	8081A	350929
570-146759-226	Composite 18@3.0'	Total/NA	Solid	8081A	350929
MB 570-351190/1-A	Method Blank	Total/NA	Solid	8081A	351190
LCS 570-351190/2-A	Lab Control Sample	Total/NA	Solid	8081A	351190
LCSD 570-351190/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	351190
570-146759-192 MS	Composite 1@0.5'	Total/NA	Solid	8081A	351190
570-146759-192 MSD	Composite 1@0.5'	Total/NA	Solid	8081A	351190

Analysis Batch: 352007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-114	F-3@0.5'	Total/NA	Solid	8082	351604
570-146759-120	T-2@0.5'	Total/NA	Solid	8082	351604
MB 570-351604/1-A	Method Blank	Total/NA	Solid	8082	351604
LCS 570-351604/2-A	Lab Control Sample	Total/NA	Solid	8082	351604
LCSD 570-351604/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	351604

Analysis Batch: 353493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-204	Composite 8@3.0'	Total/NA	Solid	8081A	351190
570-146759-205	Composite 8DUP@3.0'	Total/NA	Solid	8081A	351190
570-146759-206	Composite 9@0.5'	Total/NA	Solid	8081A	351190
570-146759-207	Composite 9 DUP @0.5'	Total/NA	Solid	8081A	351190
570-146759-208	Composite 9@3.0'	Total/NA	Solid	8081A	351190

QC Association Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Metals

Prep Batch: 350646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-69	EB072523	Total Recoverable	Water	3005A	
570-146759-191	EB072623	Total Recoverable	Water	3005A	
MB 570-350646/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-350646/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-350646/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Analysis Batch: 351045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-69	EB072523	Total Recoverable	Water	6010B	350646
570-146759-191	EB072623	Total Recoverable	Water	6010B	350646
MB 570-350646/1-A	Method Blank	Total Recoverable	Water	6010B	350646
LCS 570-350646/2-A	Lab Control Sample	Total Recoverable	Water	6010B	350646
LCSD 570-350646/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	350646

Prep Batch: 351507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-1	B-20@0.5'	Total/NA	Solid	3050B	
570-146759-3	B-21@0.5'	Total/NA	Solid	3050B	
570-146759-15	B-4@0.5'	Total/NA	Solid	3050B	
570-146759-19	B-3@0.5'	Total/NA	Solid	3050B	
570-146759-23	B-2@0.5'	Total/NA	Solid	3050B	
570-146759-31	B-6@0.5'	Total/NA	Solid	3050B	
570-146759-33	B-8@0.5'	Total/NA	Solid	3050B	
570-146759-35	B-7@0.5'	Total/NA	Solid	3050B	
570-146759-37	B-9@0.5'	Total/NA	Solid	3050B	
570-146759-39	B-10@0.5'	Total/NA	Solid	3050B	
570-146759-43	B-18@0.5'	Total/NA	Solid	3050B	
570-146759-45	B-19@0.5'	Total/NA	Solid	3050B	
570-146759-47	B-13@0.5'	Total/NA	Solid	3050B	
570-146759-49	B-15@0.5'	Total/NA	Solid	3050B	
570-146759-51	B-14@0.5'	Total/NA	Solid	3050B	
570-146759-53	B-16@0.5'	Total/NA	Solid	3050B	
570-146759-57	A-16@0.5'	Total/NA	Solid	3050B	
570-146759-67	B-28@0.5'	Total/NA	Solid	3050B	
570-146759-78	A-3@0.5'	Total/NA	Solid	3050B	
570-146759-79	A-3DUP@0.5'	Total/NA	Solid	3050B	
MB 570-351507/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-351507/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-351507/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-146759-43 MS	B-18@0.5'	Total/NA	Solid	3050B	
570-146759-43 MSD	B-18@0.5'	Total/NA	Solid	3050B	

Prep Batch: 352029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-86	A-1@0.5'	Total/NA	Solid	3050B	
570-146759-87	A-1DUP@0.5'	Total/NA	Solid	3050B	
570-146759-90	A-5@0.5'	Total/NA	Solid	3050B	
570-146759-94	A-10@0.5'	Total/NA	Solid	3050B	
570-146759-98	A-8@0.5'	Total/NA	Solid	3050B	
570-146759-100	A-11@0.5'	Total/NA	Solid	3050B	

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QC Association Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Metals (Continued)

Prep Batch: 352029 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-110	A-19@0.5'	Total/NA	Solid	3050B	
570-146759-116	A-17@0.5'	Total/NA	Solid	3050B	
MB 570-352029/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-352029/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-352029/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 352817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-1	B-20@0.5'	Total/NA	Solid	6010B	351507
570-146759-3	B-21@0.5'	Total/NA	Solid	6010B	351507
570-146759-15	B-4@0.5'	Total/NA	Solid	6010B	351507
570-146759-19	B-3@0.5'	Total/NA	Solid	6010B	351507
570-146759-23	B-2@0.5'	Total/NA	Solid	6010B	351507
570-146759-31	B-6@0.5'	Total/NA	Solid	6010B	351507
570-146759-33	B-8@0.5'	Total/NA	Solid	6010B	351507
570-146759-35	B-7@0.5'	Total/NA	Solid	6010B	351507
570-146759-37	B-9@0.5'	Total/NA	Solid	6010B	351507
570-146759-39	B-10@0.5'	Total/NA	Solid	6010B	351507
570-146759-43	B-18@0.5'	Total/NA	Solid	6010B	351507
570-146759-45	B-19@0.5'	Total/NA	Solid	6010B	351507
570-146759-47	B-13@0.5'	Total/NA	Solid	6010B	351507
570-146759-49	B-15@0.5'	Total/NA	Solid	6010B	351507
570-146759-51	B-14@0.5'	Total/NA	Solid	6010B	351507
570-146759-53	B-16@0.5'	Total/NA	Solid	6010B	351507
570-146759-57	A-16@0.5'	Total/NA	Solid	6010B	351507
570-146759-67	B-28@0.5'	Total/NA	Solid	6010B	351507
570-146759-78	A-3@0.5'	Total/NA	Solid	6010B	351507
570-146759-79	A-3DUP@0.5'	Total/NA	Solid	6010B	351507
MB 570-351507/1-A ^5	Method Blank	Total/NA	Solid	6010B	351507
LCS 570-351507/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	351507
LCSD 570-351507/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	351507
570-146759-43 MS	B-18@0.5'	Total/NA	Solid	6010B	351507
570-146759-43 MSD	B-18@0.5'	Total/NA	Solid	6010B	351507

Analysis Batch: 353158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-352029/1-A ^5	Method Blank	Total/NA	Solid	6010B	352029
LCS 570-352029/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	352029
LCSD 570-352029/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	352029

Prep Batch: 353205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-108	A-15@0.5'	Total/NA	Solid	3050B	
570-146759-112	A-18@0.5'	Total/NA	Solid	3050B	
MB 570-353205/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-353205/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-353205/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

QC Association Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Metals

Analysis Batch: 353216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-90	A-5@0.5'	Total/NA	Solid	6010B	352029
570-146759-94	A-10@0.5'	Total/NA	Solid	6010B	352029
570-146759-98	A-8@0.5'	Total/NA	Solid	6010B	352029
570-146759-100	A-11@0.5'	Total/NA	Solid	6010B	352029
570-146759-110	A-19@0.5'	Total/NA	Solid	6010B	352029
570-146759-116	A-17@0.5'	Total/NA	Solid	6010B	352029

Analysis Batch: 353333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-86	A-1@0.5'	Total/NA	Solid	6010B	352029
570-146759-87	A-1DUP@0.5'	Total/NA	Solid	6010B	352029

Analysis Batch: 353501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-353205/1-A ^5	Method Blank	Total/NA	Solid	6010B	353205
LCS 570-353205/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	353205
LCSD 570-353205/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	353205

Analysis Batch: 353609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-108	A-15@0.5'	Total/NA	Solid	6010B	353205
570-146759-112	A-18@0.5'	Total/NA	Solid	6010B	353205

Organic Prep

Analysis Batch: 350558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-41	B-11@0.5'	Total/NA	Solid	Composite	
570-146759-42	B-11@3.0'	Total/NA	Solid	Composite	
570-146759-55	A-7@0.5'	Total/NA	Solid	Composite	
570-146759-57	A-16@0.5'	Total/NA	Solid	Composite	
570-146759-74	A-2@0.5'	Total/NA	Solid	Composite	
570-146759-75	A-2DUP@0.5'	Total/NA	Solid	Composite	
570-146759-78	A-3@0.5'	Total/NA	Solid	Composite	
570-146759-79	A-3DUP@0.5'	Total/NA	Solid	Composite	
570-146759-82	A-4@0.5'	Total/NA	Solid	Composite	
570-146759-83	A-4DUP@0.5'	Total/NA	Solid	Composite	
570-146759-86	A-1@0.5'	Total/NA	Solid	Composite	
570-146759-87	A-1DUP@0.5'	Total/NA	Solid	Composite	
570-146759-90	A-5@0.5'	Total/NA	Solid	Composite	
570-146759-92	A-6@0.5'	Total/NA	Solid	Composite	
570-146759-94	A-10@0.5'	Total/NA	Solid	Composite	
570-146759-96	A-9@0.5'	Total/NA	Solid	Composite	
570-146759-98	A-8@0.5'	Total/NA	Solid	Composite	
570-146759-100	A-11@0.5'	Total/NA	Solid	Composite	
570-146759-102	A-12@0.5'	Total/NA	Solid	Composite	
570-146759-104	A-13@0.5'	Total/NA	Solid	Composite	
570-146759-106	A-14@0.5'	Total/NA	Solid	Composite	
570-146759-108	A-15@0.5'	Total/NA	Solid	Composite	
570-146759-110	A-19@0.5'	Total/NA	Solid	Composite	

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QC Association Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Organic Prep (Continued)

Analysis Batch: 350558 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-112	A-18@0.5'	Total/NA	Solid	Composite	
570-146759-116	A-17@0.5'	Total/NA	Solid	Composite	
570-146759-118	A-20@0.5'	Total/NA	Solid	Composite	
570-146759-122	C-10@0.5'	Total/NA	Solid	Composite	
570-146759-123	C-10@3.0'	Total/NA	Solid	Composite	
570-146759-124	C-9@0.5'	Total/NA	Solid	Composite	
570-146759-125	C-9DUP@0.5'	Total/NA	Solid	Composite	
570-146759-126	C-9@3.0'	Total/NA	Solid	Composite	
570-146759-127	C-26@0.5'	Total/NA	Solid	Composite	
570-146759-128	C-26@3.0'	Total/NA	Solid	Composite	
570-146759-129	C-8@0.5'	Total/NA	Solid	Composite	
570-146759-130	C-8DUP@0.5'	Total/NA	Solid	Composite	
570-146759-131	C-8@3.0'	Total/NA	Solid	Composite	
570-146759-132	C-25@0.5'	Total/NA	Solid	Composite	
570-146759-133	C-25@3.0'	Total/NA	Solid	Composite	
570-146759-134	C-7@0.5'	Total/NA	Solid	Composite	
570-146759-135	C-7DUP@0.5'	Total/NA	Solid	Composite	
570-146759-136	C-7@3.0'	Total/NA	Solid	Composite	
570-146759-137	C-7DUP@3.0'	Total/NA	Solid	Composite	
570-146759-138	C-5@0.5'	Total/NA	Solid	Composite	
570-146759-139	C-5DUP@0.5'	Total/NA	Solid	Composite	
570-146759-140	C-5@3.0'	Total/NA	Solid	Composite	
570-146759-141	C-5DUP@3.0'	Total/NA	Solid	Composite	
570-146759-142	C-27@0.5'	Total/NA	Solid	Composite	
570-146759-143	C-27@3.0'	Total/NA	Solid	Composite	
570-146759-144	C-28@0.5'	Total/NA	Solid	Composite	
570-146759-145	C-28@3.0'	Total/NA	Solid	Composite	
570-146759-146	C-15@0.5'	Total/NA	Solid	Composite	
570-146759-147	C-15@3.0'	Total/NA	Solid	Composite	
570-146759-148	C-29@0.5'	Total/NA	Solid	Composite	
570-146759-149	C-29@3.0'	Total/NA	Solid	Composite	
570-146759-150	C-20@0.5'	Total/NA	Solid	Composite	
570-146759-151	C-20@3.0'	Total/NA	Solid	Composite	
570-146759-152	C-11@0.5'	Total/NA	Solid	Composite	
570-146759-153	C-11@3.0'	Total/NA	Solid	Composite	
570-146759-154	C-19@0.5'	Total/NA	Solid	Composite	
570-146759-155	C-19@3.0'	Total/NA	Solid	Composite	
570-146759-156	C-18@0.5'	Total/NA	Solid	Composite	
570-146759-157	C-18@3.0'	Total/NA	Solid	Composite	
570-146759-158	C-12@0.5'	Total/NA	Solid	Composite	
570-146759-159	C-12@3.0'	Total/NA	Solid	Composite	
570-146759-160	C-16@0.5'	Total/NA	Solid	Composite	
570-146759-161	C-16@3.0'	Total/NA	Solid	Composite	
570-146759-162	C-13@0.5'	Total/NA	Solid	Composite	
570-146759-163	C-13@3.0'	Total/NA	Solid	Composite	
570-146759-164	C-21@0.5'	Total/NA	Solid	Composite	
570-146759-165	C-21@3.0'	Total/NA	Solid	Composite	
570-146759-166	C-22@0.5'	Total/NA	Solid	Composite	
570-146759-167	C-22@3.0'	Total/NA	Solid	Composite	
570-146759-168	C-1@0.5'	Total/NA	Solid	Composite	

QC Association Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Organic Prep (Continued)

Analysis Batch: 350558 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-169	C-1@3.0'	Total/NA	Solid	Composite	
570-146759-170	C-23@0.5'	Total/NA	Solid	Composite	
570-146759-171	C-23@3.0'	Total/NA	Solid	Composite	
570-146759-172	C-24@0.5'	Total/NA	Solid	Composite	
570-146759-173	C-24@3.0'	Total/NA	Solid	Composite	
570-146759-174	C-2@0.5'	Total/NA	Solid	Composite	
570-146759-175	C-2@3.0'	Total/NA	Solid	Composite	
570-146759-176	C-3@0.5'	Total/NA	Solid	Composite	
570-146759-177	C-3@3.0'	Total/NA	Solid	Composite	
570-146759-178	C-14@0.5'	Total/NA	Solid	Composite	
570-146759-179	C-14@3.0'	Total/NA	Solid	Composite	
570-146759-180	C-4@0.5'	Total/NA	Solid	Composite	
570-146759-181	C-4@3.0'	Total/NA	Solid	Composite	
570-146759-182	C-6@0.5'	Total/NA	Solid	Composite	
570-146759-183	C-6@3.0'	Total/NA	Solid	Composite	
570-146759-184	C-17@0.5'	Total/NA	Solid	Composite	
570-146759-185	C-17@3.0'	Total/NA	Solid	Composite	
570-146759-186	C-31@0.5'	Total/NA	Solid	Composite	
570-146759-187	C-31@3.0'	Total/NA	Solid	Composite	
570-146759-188	C-30@0.5'	Total/NA	Solid	Composite	
570-146759-189	C-30@1.5'	Total/NA	Solid	Composite	

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: B-20@0.5'

Lab Sample ID: 570-146759-1

Date Collected: 07/25/23 09:32

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.90 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 19:24	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.04 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 17:35	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-21@0.5'

Lab Sample ID: 570-146759-3

Date Collected: 07/25/23 09:39

Matrix: Solid

Date Received: 07/28/23 14:45

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	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 19:42	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.05 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 17:37	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-4@0.5'

Lab Sample ID: 570-146759-15

Date Collected: 07/25/23 11:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.55 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 20:00	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.03 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 17:40	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-4DUP@0.5'

Lab Sample ID: 570-146759-16

Date Collected: 07/25/23 11:01

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.92 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 20:18	OM8W	EET CAL 4
Instrument ID: GC64A										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: B-3@0.5'

Lab Sample ID: 570-146759-19

Date Collected: 07/25/23 11:05

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.58 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 20:36	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.04 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 17:42	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-2@0.5'

Lab Sample ID: 570-146759-23

Date Collected: 07/25/23 11:11

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.36 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 20:54	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.03 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 17:44	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-6@0.5'

Lab Sample ID: 570-146759-31

Date Collected: 07/25/23 12:19

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.49 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 21:12	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.03 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 17:52	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-8@0.5'

Lab Sample ID: 570-146759-33

Date Collected: 07/25/23 12:22

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.60 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 21:30	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.04 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 17:54	VZ0K	EET CAL 4
Instrument ID: ICP10										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: B-7@0.5'

Lab Sample ID: 570-146759-35

Date Collected: 07/25/23 12:25

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.20 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 21:48	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.02 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 17:57	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-9@0.5'

Lab Sample ID: 570-146759-37

Date Collected: 07/25/23 12:29

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.32 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 22:06	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.05 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 17:59	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-10@0.5'

Lab Sample ID: 570-146759-39

Date Collected: 07/25/23 12:32

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.11 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 22:24	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.03 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 18:01	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-11@0.5'

Lab Sample ID: 570-146759-41

Date Collected: 07/25/23 12:36

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: B-11@3.0'

Lab Sample ID: 570-146759-42

Date Collected: 07/25/23 12:38

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: B-18@0.5'

Lab Sample ID: 570-146759-43

Date Collected: 07/25/23 12:40

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.49 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 22:42	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.05 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 17:25	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-19@0.5'

Lab Sample ID: 570-146759-45

Date Collected: 07/25/23 12:44

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.64 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 23:00	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.02 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 18:04	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-13@0.5'

Lab Sample ID: 570-146759-47

Date Collected: 07/25/23 12:48

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.64 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 23:18	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.02 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 18:06	VZ0K	EET CAL 4
Instrument ID: ICP10										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: B-15@0.5'

Lab Sample ID: 570-146759-49

Date Collected: 07/25/23 12:53

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.58 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 23:36	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.04 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 18:09	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-14@0.5'

Lab Sample ID: 570-146759-51

Date Collected: 07/25/23 12:57

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.07 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/03/23 23:54	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.01 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 18:11	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: B-16@0.5'

Lab Sample ID: 570-146759-53

Date Collected: 07/25/23 13:01

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.31 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/04/23 00:12	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.03 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 18:13	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: A-7@0.5'

Lab Sample ID: 570-146759-55

Date Collected: 07/25/23 13:10

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: A-16@0.5'

Lab Sample ID: 570-146759-57

Date Collected: 07/25/23 13:17

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 18:39	VZ0K	EET CAL 4
Instrument ID: ICP10										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: B-28@0.5'

Lab Sample ID: 570-146759-67

Date Collected: 07/25/23 14:03

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.43 g	10 mL	350934	08/01/23 17:34	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/04/23 00:30	OM8W	EET CAL 4
Instrument ID: GC64A										
Total/NA	Prep	3050B			2.04 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 18:42	VZ0K	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: EB072523

Lab Sample ID: 570-146759-69

Date Collected: 07/25/23 16:25

Matrix: Water

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			241.8 mL	1 mL	350586	07/31/23 21:27	TR8L	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351363	08/03/23 15:11	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3510C			241.8 mL	1 mL	350586	07/31/23 21:27	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351129	08/02/23 14:19	OM8W	EET CAL 4
Instrument ID: GC64A										
Total Recoverable	Prep	3005A			50 mL	50 mL	350646	08/01/23 07:58	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			351045	08/02/23 00:12	K1UV	EET CAL 4
Instrument ID: ICP11										

Client Sample ID: T-1@0.5'

Lab Sample ID: 570-146759-70

Date Collected: 07/26/23 07:25

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.51 g	10 mL	350934	08/01/23 17:35	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/04/23 01:06	OM8W	EET CAL 4
Instrument ID: GC64A										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: T-1DUP@0.5'

Lab Sample ID: 570-146759-71

Date Collected: 07/26/23 07:26

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.09 g	10 mL	350934	08/01/23 17:36	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351553	08/04/23 01:24	OM8W	EET CAL 4
Instrument ID: GC64A										

Client Sample ID: A-2@0.5'

Lab Sample ID: 570-146759-74

Date Collected: 07/26/23 07:36

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-2DUP@0.5'

Lab Sample ID: 570-146759-75

Date Collected: 07/26/23 07:38

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-3@0.5'

Lab Sample ID: 570-146759-78

Date Collected: 07/26/23 07:55

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 18:44	VZOK	EET CAL 4
Instrument ID: ICP10										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-3DUP@0.5'

Lab Sample ID: 570-146759-79

Date Collected: 07/26/23 07:56

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	351507	08/03/23 07:56	TL	EET CAL 4
Total/NA	Analysis	6010B		5			352817	08/07/23 18:47	VZOK	EET CAL 4
Instrument ID: ICP10										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: A-4@0.5'

Lab Sample ID: 570-146759-82

Date Collected: 07/26/23 08:07

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-4DUP@0.5'

Lab Sample ID: 570-146759-83

Date Collected: 07/26/23 08:08

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-1@0.5'

Lab Sample ID: 570-146759-86

Date Collected: 07/26/23 08:21

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	352029	08/04/23 10:29	TL	EET CAL 4
Total/NA	Analysis	6010B		5			353333	08/08/23 19:57	VZ0K	EET CAL 4
Instrument ID: ICP11										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-1DUP@0.5'

Lab Sample ID: 570-146759-87

Date Collected: 07/26/23 08:22

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	50 mL	352029	08/04/23 10:29	TL	EET CAL 4
Total/NA	Analysis	6010B		5			353333	08/08/23 19:59	VZ0K	EET CAL 4
Instrument ID: ICP11										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-5@0.5'

Lab Sample ID: 570-146759-90

Date Collected: 07/26/23 08:36

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	352029	08/04/23 10:29	TL	EET CAL 4
Total/NA	Analysis	6010B		5			353216	08/08/23 20:09	VZ0K	EET CAL 4
Instrument ID: ICP11										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: A-6@0.5'

Date Collected: 07/26/23 08:54

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-92

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-10@0.5'

Date Collected: 07/26/23 08:53

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-94

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	352029	08/04/23 10:29	TL	EET CAL 4
Total/NA	Analysis	6010B		5			353216	08/08/23 20:11	VZ0K	EET CAL 4
Instrument ID: ICP11										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-9@0.5'

Date Collected: 07/26/23 09:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-96

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-8@0.5'

Date Collected: 07/26/23 09:05

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-98

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	352029	08/04/23 10:29	TL	EET CAL 4
Total/NA	Analysis	6010B		5			353216	08/08/23 20:13	VZ0K	EET CAL 4
Instrument ID: ICP11										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-11@0.5'

Date Collected: 07/26/23 09:12

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-100

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	352029	08/04/23 10:29	TL	EET CAL 4
Total/NA	Analysis	6010B		5			353216	08/08/23 20:16	VZ0K	EET CAL 4
Instrument ID: ICP11										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: A-12@0.5'

Date Collected: 07/26/23 10:18

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-102

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-13@0.5'

Date Collected: 07/26/23 10:27

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-104

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-14@0.5'

Date Collected: 07/26/23 10:32

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-106

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-15@0.5'

Date Collected: 07/26/23 10:39

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-108

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	353205	08/09/23 06:35	TL	EET CAL 4
Total/NA	Analysis	6010B		5			353609	08/09/23 19:34	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-19@0.5'

Date Collected: 07/26/23 10:50

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-110

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.98 g	50 mL	352029	08/04/23 10:29	TL	EET CAL 4
Total/NA	Analysis	6010B		5			353216	08/08/23 20:18	VZOK	EET CAL 4
Instrument ID: ICP11										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: A-18@0.5'

Lab Sample ID: 570-146759-112

Date Collected: 07/26/23 10:55

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	353205	08/09/23 06:35	TL	EET CAL 4
Total/NA	Analysis	6010B		5			353609	08/09/23 19:37	P1R	EET CAL 4
Instrument ID: ICP11										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: F-3@0.5'

Lab Sample ID: 570-146759-114

Date Collected: 07/26/23 11:01

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.92 g	10 mL	351604	08/03/23 10:38	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	352007	08/04/23 12:22	OM8W	EET CAL 4
Instrument ID: GC64A										

Client Sample ID: A-17@0.5'

Lab Sample ID: 570-146759-116

Date Collected: 07/26/23 11:07

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.00 g	50 mL	352029	08/04/23 10:29	TL	EET CAL 4
Total/NA	Analysis	6010B		5			353216	08/08/23 20:21	VZ0K	EET CAL 4
Instrument ID: ICP11										
Total/NA	Analysis	Composite		1			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: A-20@0.5'

Lab Sample ID: 570-146759-118

Date Collected: 07/26/23 11:18

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: T-2@0.5'

Lab Sample ID: 570-146759-120

Date Collected: 07/26/23 13:37

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.80 g	10 mL	351604	08/03/23 10:38	E5RH	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	352007	08/04/23 12:40	OM8W	EET CAL 4
Instrument ID: GC64A										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-10@0.5'

Date Collected: 07/26/23 15:30

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-122

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-10@3.0'

Date Collected: 07/26/23 15:35

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-123

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-9@0.5'

Date Collected: 07/27/23 07:57

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-124

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-9DUP@0.5'

Date Collected: 07/27/23 07:58

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-125

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-9@3.0'

Date Collected: 07/27/23 08:10

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-126

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-26@0.5'

Date Collected: 07/27/23 08:37

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-127

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-26@3.0'

Date Collected: 07/27/23 08:49

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-128

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-8@0.5'

Date Collected: 07/27/23 08:44

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-129

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-8DUP@0.5'

Date Collected: 07/27/23 08:45

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-130

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-8@3.0'

Date Collected: 07/27/23 08:53

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-131

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-25@0.5'

Date Collected: 07/27/23 08:53

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-132

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-25@3.0'

Date Collected: 07/27/23 09:04

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-133

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-7@0.5'

Date Collected: 07/27/23 09:11

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-134

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-7DUP@0.5'

Date Collected: 07/27/23 09:12

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-135

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-7@3.0'

Date Collected: 07/27/23 09:20

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-136

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-7DUP@3.0'

Date Collected: 07/27/23 09:21

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-137

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-5@0.5'

Date Collected: 07/27/23 10:01

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-138

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-5DUP@0.5'

Date Collected: 07/27/23 10:02

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-139

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-5@3.0'

Date Collected: 07/27/23 10:25

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-140

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-5DUP@3.0'

Date Collected: 07/27/23 10:26

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-141

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-27@0.5'

Date Collected: 07/27/23 09:55

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-142

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-27@3.0'

Date Collected: 07/27/23 10:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-143

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-28@0.5'

Date Collected: 07/27/23 10:14

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-144

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-28@3.0'

Date Collected: 07/27/23 10:18

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-145

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-15@0.5'

Date Collected: 07/27/23 10:46

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-146

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-15@3.0'

Date Collected: 07/27/23 10:59

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-147

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-29@0.5'

Date Collected: 07/27/23 11:06

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-148

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-29@3.0'

Date Collected: 07/27/23 11:12

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-149

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-20@0.5'

Date Collected: 07/27/23 11:37

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-150

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-20@3.0'

Date Collected: 07/27/23 11:41

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-151

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-11@0.5'

Date Collected: 07/27/23 12:53

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-152

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-11@3.0'

Date Collected: 07/27/23 13:01

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-153

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-19@0.5'

Date Collected: 07/27/23 11:54

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-154

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-19@3.0'

Date Collected: 07/27/23 12:41

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-155

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-18@0.5'

Date Collected: 07/27/23 13:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-156

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-18@3.0'

Date Collected: 07/27/23 13:03

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-157

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-12@0.5'

Date Collected: 07/27/23 13:22

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-158

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-12@3.0'

Date Collected: 07/27/23 13:29

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-159

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-16@0.5'

Date Collected: 07/27/23 11:53

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-160

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-16@3.0'

Date Collected: 07/27/23 13:40

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-161

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-13@0.5'

Date Collected: 07/27/23 13:48

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-162

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-13@3.0'

Date Collected: 07/27/23 13:59

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-163

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-21@0.5'

Lab Sample ID: 570-146759-164

Date Collected: 07/27/23 13:55

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-21@3.0'

Lab Sample ID: 570-146759-165

Date Collected: 07/27/23 13:59

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-22@0.5'

Lab Sample ID: 570-146759-166

Date Collected: 07/27/23 14:06

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-22@3.0'

Lab Sample ID: 570-146759-167

Date Collected: 07/27/23 14:12

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-1@0.5'

Lab Sample ID: 570-146759-168

Date Collected: 07/27/23 14:34

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-1@3.0'

Lab Sample ID: 570-146759-169

Date Collected: 07/27/23 14:40

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-23@0.5'

Date Collected: 07/27/23 14:20

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-170

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-23@3.0'

Date Collected: 07/27/23 14:26

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-171

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-24@0.5'

Date Collected: 07/27/23 14:32

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-172

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-24@3.0'

Date Collected: 07/27/23 14:38

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-173

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-2@0.5'

Date Collected: 07/27/23 14:45

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-174

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-2@3.0'

Date Collected: 07/27/23 14:49

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-175

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-3@0.5'

Date Collected: 07/27/23 14:52

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-176

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-3@3.0'

Date Collected: 07/27/23 14:56

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-177

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-14@0.5'

Date Collected: 07/27/23 14:46

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-178

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-14@3.0'

Date Collected: 07/27/23 15:04

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-179

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-4@0.5'

Date Collected: 07/27/23 15:00

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-180

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-4@3.0'

Date Collected: 07/27/23 15:03

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-181

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: C-6@0.5'

Date Collected: 07/27/23 15:08

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-182

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-6@3.0'

Date Collected: 07/27/23 15:13

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-183

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-17@0.5'

Date Collected: 07/27/23 15:22

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-184

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-17@3.0'

Date Collected: 07/27/23 15:30

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-185

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-31@0.5'

Date Collected: 07/27/23 15:27

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-186

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-31@3.0'

Date Collected: 07/27/23 15:28

Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-187

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: C-30@0.5'

Lab Sample ID: 570-146759-188

Date Collected: 07/27/23 15:32

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: C-30@1.5'

Lab Sample ID: 570-146759-189

Date Collected: 07/27/23 15:51

Matrix: Solid

Date Received: 07/28/23 14:45

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			350558	07/31/23 18:41	H2HS	EET CAL 4
Instrument ID: NOEQUIP										

Client Sample ID: EB072723

Lab Sample ID: 570-146759-190

Date Collected: 07/27/23 16:00

Matrix: Water

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			249.2 mL	1 mL	350586	07/31/23 21:47	TR8L	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	350763	08/03/23 01:12	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: EB072623

Lab Sample ID: 570-146759-191

Date Collected: 07/26/23 00:00

Matrix: Water

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			248.8 mL	1 mL	350586	07/31/23 21:47	TR8L	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	350763	08/03/23 01:27	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3510C			248.8 mL	1 mL	350586	07/31/23 21:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	351129	08/02/23 14:37	OM8W	EET CAL 4
Instrument ID: GC64A										
Total Recoverable	Prep	3005A			50 mL	50 mL	350646	08/01/23 07:58	JP8N	EET CAL 4
Total Recoverable	Analysis	6010B		1			351045	08/02/23 00:09	K1UV	EET CAL 4
Instrument ID: ICP11										

Client Sample ID: Composite 1@0.5'

Lab Sample ID: 570-146759-192

Date Collected: 07/26/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.70 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 09:41	N5Y3	EET CAL 4
Instrument ID: GC54A										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: Composite 1 DUP@0.5'

Lab Sample ID: 570-146759-193

Date Collected: 07/26/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

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	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 06:09	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 2@0.5'

Lab Sample ID: 570-146759-194

Date Collected: 07/26/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.97 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 06:24	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 3@0.5'

Lab Sample ID: 570-146759-195

Date Collected: 07/26/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.36 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 09:56	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 4@0.5'

Lab Sample ID: 570-146759-196

Date Collected: 07/26/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

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	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 06:40	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 5@0.5'

Lab Sample ID: 570-146759-197

Date Collected: 07/26/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.44 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 10:11	N5Y3	EET CAL 4
Instrument ID: GC54A										

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Client Sample ID: Composite 6@0.5'

Lab Sample ID: 570-146759-198

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.07 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 06:55	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 6@3.0'

Lab Sample ID: 570-146759-199

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.66 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 07:10	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 7@0.5'

Lab Sample ID: 570-146759-200

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.24 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 07:25	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 7@3.0'

Lab Sample ID: 570-146759-201

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.51 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 07:40	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 8@0.5'

Lab Sample ID: 570-146759-202

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.34 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 10:26	N5Y3	EET CAL 4
Instrument ID: GC54A										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: Composite 8DUP @0.5'

Lab Sample ID: 570-146759-203

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.17 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 10:41	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 8@3.0'

Lab Sample ID: 570-146759-204

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.59 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	353493	08/10/23 21:14	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 8DUP@3.0'

Lab Sample ID: 570-146759-205

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.38 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	353493	08/10/23 21:29	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 9@0.5'

Lab Sample ID: 570-146759-206

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.58 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	353493	08/10/23 21:44	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 9 DUP @0.5'

Lab Sample ID: 570-146759-207

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.96 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	353493	08/10/23 21:59	N5Y3	EET CAL 4
Instrument ID: GC54A										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: Composite 9@3.0'

Lab Sample ID: 570-146759-208

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.47 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	353493	08/10/23 22:15	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 10@0.5'

Lab Sample ID: 570-146759-209

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.25 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 10:56	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 10@3.0'

Lab Sample ID: 570-146759-210

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.53 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 11:11	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 11@0.5'

Lab Sample ID: 570-146759-211

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.25 g	10 mL	351190	08/02/23 11:28	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/05/23 11:26	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 11@3.0'

Lab Sample ID: 570-146759-212

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.00 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351363	08/04/23 08:05	N5Y3	EET CAL 4
Instrument ID: GC54A										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: Composite 12@0.5'

Lab Sample ID: 570-146759-213

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.48 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351363	08/03/23 22:43	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 12@3.0'

Lab Sample ID: 570-146759-214

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.56 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351363	08/03/23 22:58	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 13@0.5'

Lab Sample ID: 570-146759-215

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.72 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351363	08/03/23 23:13	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 13@3.0'

Lab Sample ID: 570-146759-216

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.28 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351363	08/03/23 23:28	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 14@0.5'

Lab Sample ID: 570-146759-217

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

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	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351363	08/03/23 23:43	N5Y3	EET CAL 4
Instrument ID: GC54A										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: Composite 14@3.0'

Lab Sample ID: 570-146759-218

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.53 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351363	08/03/23 23:58	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 15@0.5'

Lab Sample ID: 570-146759-219

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.32 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351363	08/04/23 00:14	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 15@3.0'

Lab Sample ID: 570-146759-220

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.40 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351363	08/04/23 00:29	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 16@0.5'

Lab Sample ID: 570-146759-221

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.25 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351363	08/04/23 00:44	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 16@3.0'

Lab Sample ID: 570-146759-222

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.25 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/04/23 21:02	N5Y3	EET CAL 4
Instrument ID: GC54A										

Lab Chronicle

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Client Sample ID: Composite 17@0.5'

Lab Sample ID: 570-146759-223

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.89 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/04/23 21:17	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 17@3.0'

Lab Sample ID: 570-146759-224

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.76 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/04/23 21:33	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 18@0.5'

Lab Sample ID: 570-146759-225

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.52 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/04/23 21:48	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: Composite 18@3.0'

Lab Sample ID: 570-146759-226

Date Collected: 07/27/23 00:00

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.36 g	10 mL	350929	08/02/23 11:26	E5RH	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	351827	08/04/23 22:03	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.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0830	11-16-23
California	SCAQMD LAP	17LA0919	11-30-23
California	State	3082	07-31-24
Nevada	State	CA00111	07-31-24
Oregon	NELAP	4175	02-02-24
USDA	US Federal Programs	P330-22-00059	05-24-23 *
Washington	State	C916-18	10-11-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Method Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	EET CAL 4
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
Composite	Sample Compositing	None	EET CAL 4
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CAL 4
3050B	Preparation, Metals	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-146759-1	B-20@0.5'	Solid	07/25/23 09:32	07/28/23 14:45
570-146759-3	B-21@0.5'	Solid	07/25/23 09:39	07/28/23 14:45
570-146759-15	B-4@0.5'	Solid	07/25/23 11:00	07/28/23 14:45
570-146759-16	B-4DUP@0.5'	Solid	07/25/23 11:01	07/28/23 14:45
570-146759-19	B-3@0.5'	Solid	07/25/23 11:05	07/28/23 14:45
570-146759-23	B-2@0.5'	Solid	07/25/23 11:11	07/28/23 14:45
570-146759-31	B-6@0.5'	Solid	07/25/23 12:19	07/28/23 14:45
570-146759-33	B-8@0.5'	Solid	07/25/23 12:22	07/28/23 14:45
570-146759-35	B-7@0.5'	Solid	07/25/23 12:25	07/28/23 14:45
570-146759-37	B-9@0.5'	Solid	07/25/23 12:29	07/28/23 14:45
570-146759-39	B-10@0.5'	Solid	07/25/23 12:32	07/28/23 14:45
570-146759-41	B-11@0.5'	Solid	07/25/23 12:36	07/28/23 14:45
570-146759-42	B-11@3.0'	Solid	07/25/23 12:38	07/28/23 14:45
570-146759-43	B-18@0.5'	Solid	07/25/23 12:40	07/28/23 14:45
570-146759-45	B-19@0.5'	Solid	07/25/23 12:44	07/28/23 14:45
570-146759-47	B-13@0.5'	Solid	07/25/23 12:48	07/28/23 14:45
570-146759-49	B-15@0.5'	Solid	07/25/23 12:53	07/28/23 14:45
570-146759-51	B-14@0.5'	Solid	07/25/23 12:57	07/28/23 14:45
570-146759-53	B-16@0.5'	Solid	07/25/23 13:01	07/28/23 14:45
570-146759-55	A-7@0.5'	Solid	07/25/23 13:10	07/28/23 14:45
570-146759-57	A-16@0.5'	Solid	07/25/23 13:17	07/28/23 14:45
570-146759-67	B-28@0.5'	Solid	07/25/23 14:03	07/28/23 14:45
570-146759-69	EB072523	Water	07/25/23 16:25	07/28/23 14:45
570-146759-70	T-1@0.5'	Solid	07/26/23 07:25	07/28/23 14:45
570-146759-71	T-1DUP@0.5'	Solid	07/26/23 07:26	07/28/23 14:45
570-146759-74	A-2@0.5'	Solid	07/26/23 07:36	07/28/23 14:45
570-146759-75	A-2DUP@0.5'	Solid	07/26/23 07:38	07/28/23 14:45
570-146759-78	A-3@0.5'	Solid	07/26/23 07:55	07/28/23 14:45
570-146759-79	A-3DUP@0.5'	Solid	07/26/23 07:56	07/28/23 14:45
570-146759-82	A-4@0.5'	Solid	07/26/23 08:07	07/28/23 14:45
570-146759-83	A-4DUP@0.5'	Solid	07/26/23 08:08	07/28/23 14:45
570-146759-86	A-1@0.5'	Solid	07/26/23 08:21	07/28/23 14:45
570-146759-87	A-1DUP@0.5'	Solid	07/26/23 08:22	07/28/23 14:45
570-146759-90	A-5@0.5'	Solid	07/26/23 08:36	07/28/23 14:45
570-146759-92	A-6@0.5'	Solid	07/26/23 08:54	07/28/23 14:45
570-146759-94	A-10@0.5'	Solid	07/26/23 08:53	07/28/23 14:45
570-146759-96	A-9@0.5'	Solid	07/26/23 09:00	07/28/23 14:45
570-146759-98	A-8@0.5'	Solid	07/26/23 09:05	07/28/23 14:45
570-146759-100	A-11@0.5'	Solid	07/26/23 09:12	07/28/23 14:45
570-146759-102	A-12@0.5'	Solid	07/26/23 10:18	07/28/23 14:45
570-146759-104	A-13@0.5'	Solid	07/26/23 10:27	07/28/23 14:45
570-146759-106	A-14@0.5'	Solid	07/26/23 10:32	07/28/23 14:45
570-146759-108	A-15@0.5'	Solid	07/26/23 10:39	07/28/23 14:45
570-146759-110	A-19@0.5'	Solid	07/26/23 10:50	07/28/23 14:45
570-146759-112	A-18@0.5'	Solid	07/26/23 10:55	07/28/23 14:45
570-146759-114	F-3@0.5'	Solid	07/26/23 11:01	07/28/23 14:45
570-146759-116	A-17@0.5'	Solid	07/26/23 11:07	07/28/23 14:45
570-146759-118	A-20@0.5'	Solid	07/26/23 11:18	07/28/23 14:45
570-146759-120	T-2@0.5'	Solid	07/26/23 13:37	07/28/23 14:45
570-146759-122	C-10@0.5'	Solid	07/26/23 15:30	07/28/23 14:45
570-146759-123	C-10@3.0'	Solid	07/26/23 15:35	07/28/23 14:45
570-146759-124	C-9@0.5'	Solid	07/27/23 07:57	07/28/23 14:45
570-146759-125	C-9DUP@0.5'	Solid	07/27/23 07:58	07/28/23 14:45



Sample Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-146759-126	C-9@3.0'	Solid	07/27/23 08:10	07/28/23 14:45
570-146759-127	C-26@0.5'	Solid	07/27/23 08:37	07/28/23 14:45
570-146759-128	C-26@3.0'	Solid	07/27/23 08:49	07/28/23 14:45
570-146759-129	C-8@0.5'	Solid	07/27/23 08:44	07/28/23 14:45
570-146759-130	C-8DUP@0.5'	Solid	07/27/23 08:45	07/28/23 14:45
570-146759-131	C-8@3.0'	Solid	07/27/23 08:53	07/28/23 14:45
570-146759-132	C-25@0.5'	Solid	07/27/23 08:53	07/28/23 14:45
570-146759-133	C-25@3.0'	Solid	07/27/23 09:04	07/28/23 14:45
570-146759-134	C-7@0.5'	Solid	07/27/23 09:11	07/28/23 14:45
570-146759-135	C-7DUP@0.5'	Solid	07/27/23 09:12	07/28/23 14:45
570-146759-136	C-7@3.0'	Solid	07/27/23 09:20	07/28/23 14:45
570-146759-137	C-7DUP@3.0'	Solid	07/27/23 09:21	07/28/23 14:45
570-146759-138	C-5@0.5'	Solid	07/27/23 10:01	07/28/23 14:45
570-146759-139	C-5DUP@0.5'	Solid	07/27/23 10:02	07/28/23 14:45
570-146759-140	C-5@3.0'	Solid	07/27/23 10:25	07/28/23 14:45
570-146759-141	C-5DUP@3.0'	Solid	07/27/23 10:26	07/28/23 14:45
570-146759-142	C-27@0.5'	Solid	07/27/23 09:55	07/28/23 14:45
570-146759-143	C-27@3.0'	Solid	07/27/23 10:00	07/28/23 14:45
570-146759-144	C-28@0.5'	Solid	07/27/23 10:14	07/28/23 14:45
570-146759-145	C-28@3.0'	Solid	07/27/23 10:18	07/28/23 14:45
570-146759-146	C-15@0.5'	Solid	07/27/23 10:46	07/28/23 14:45
570-146759-147	C-15@3.0'	Solid	07/27/23 10:59	07/28/23 14:45
570-146759-148	C-29@0.5'	Solid	07/27/23 11:06	07/28/23 14:45
570-146759-149	C-29@3.0'	Solid	07/27/23 11:12	07/28/23 14:45
570-146759-150	C-20@0.5'	Solid	07/27/23 11:37	07/28/23 14:45
570-146759-151	C-20@3.0'	Solid	07/27/23 11:41	07/28/23 14:45
570-146759-152	C-11@0.5'	Solid	07/27/23 12:53	07/28/23 14:45
570-146759-153	C-11@3.0'	Solid	07/27/23 13:01	07/28/23 14:45
570-146759-154	C-19@0.5'	Solid	07/27/23 11:54	07/28/23 14:45
570-146759-155	C-19@3.0'	Solid	07/27/23 12:41	07/28/23 14:45
570-146759-156	C-18@0.5'	Solid	07/27/23 13:00	07/28/23 14:45
570-146759-157	C-18@3.0'	Solid	07/27/23 13:03	07/28/23 14:45
570-146759-158	C-12@0.5'	Solid	07/27/23 13:22	07/28/23 14:45
570-146759-159	C-12@3.0'	Solid	07/27/23 13:29	07/28/23 14:45
570-146759-160	C-16@0.5'	Solid	07/27/23 11:53	07/28/23 14:45
570-146759-161	C-16@3.0'	Solid	07/27/23 13:40	07/28/23 14:45
570-146759-162	C-13@0.5'	Solid	07/27/23 13:48	07/28/23 14:45
570-146759-163	C-13@3.0'	Solid	07/27/23 13:59	07/28/23 14:45
570-146759-164	C-21@0.5'	Solid	07/27/23 13:55	07/28/23 14:45
570-146759-165	C-21@3.0'	Solid	07/27/23 13:59	07/28/23 14:45
570-146759-166	C-22@0.5'	Solid	07/27/23 14:06	07/28/23 14:45
570-146759-167	C-22@3.0'	Solid	07/27/23 14:12	07/28/23 14:45
570-146759-168	C-1@0.5'	Solid	07/27/23 14:34	07/28/23 14:45
570-146759-169	C-1@3.0'	Solid	07/27/23 14:40	07/28/23 14:45
570-146759-170	C-23@0.5'	Solid	07/27/23 14:20	07/28/23 14:45
570-146759-171	C-23@3.0'	Solid	07/27/23 14:26	07/28/23 14:45
570-146759-172	C-24@0.5'	Solid	07/27/23 14:32	07/28/23 14:45
570-146759-173	C-24@3.0'	Solid	07/27/23 14:38	07/28/23 14:45
570-146759-174	C-2@0.5'	Solid	07/27/23 14:45	07/28/23 14:45
570-146759-175	C-2@3.0'	Solid	07/27/23 14:49	07/28/23 14:45
570-146759-176	C-3@0.5'	Solid	07/27/23 14:52	07/28/23 14:45
570-146759-177	C-3@3.0'	Solid	07/27/23 14:56	07/28/23 14:45
570-146759-178	C-14@0.5'	Solid	07/27/23 14:46	07/28/23 14:45

Sample Summary

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-1

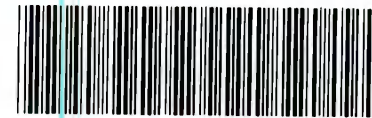
Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-146759-179	C-14@3.0'	Solid	07/27/23 15:04	07/28/23 14:45
570-146759-180	C-4@0.5'	Solid	07/27/23 15:00	07/28/23 14:45
570-146759-181	C-4@3.0'	Solid	07/27/23 15:03	07/28/23 14:45
570-146759-182	C-6@0.5'	Solid	07/27/23 15:08	07/28/23 14:45
570-146759-183	C-6@3.0'	Solid	07/27/23 15:13	07/28/23 14:45
570-146759-184	C-17@0.5'	Solid	07/27/23 15:22	07/28/23 14:45
570-146759-185	C-17@3.0'	Solid	07/27/23 15:30	07/28/23 14:45
570-146759-186	C-31@0.5'	Solid	07/27/23 15:27	07/28/23 14:45
570-146759-187	C-31@3.0'	Solid	07/27/23 15:28	07/28/23 14:45
570-146759-188	C-30@0.5'	Solid	07/27/23 15:32	07/28/23 14:45
570-146759-189	C-30@1.5'	Solid	07/27/23 15:51	07/28/23 14:45
570-146759-190	EB072723	Water	07/27/23 16:00	07/28/23 14:45
570-146759-191	EB072623	Water	07/26/23 00:00	07/28/23 14:45
570-146759-192	Composite 1@0.5'	Solid	07/26/23 00:00	07/28/23 14:45
570-146759-193	Composite 1 DUP@0.5'	Solid	07/26/23 00:00	07/28/23 14:45
570-146759-194	Composite 2@0.5'	Solid	07/26/23 00:00	07/28/23 14:45
570-146759-195	Composite 3@0.5'	Solid	07/26/23 00:00	07/28/23 14:45
570-146759-196	Composite 4@0.5'	Solid	07/26/23 00:00	07/28/23 14:45
570-146759-197	Composite 5@0.5'	Solid	07/26/23 00:00	07/28/23 14:45
570-146759-198	Composite 6@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-199	Composite 6@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-200	Composite 7@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-201	Composite 7@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-202	Composite 8@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-203	Composite 8DUP @0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-204	Composite 8@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-205	Composite 8DUP@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-206	Composite 9@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-207	Composite 9 DUP @0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-208	Composite 9@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-209	Composite 10@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-210	Composite 10@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-211	Composite 11@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-212	Composite 11@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-213	Composite 12@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-214	Composite 12@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-215	Composite 13@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-216	Composite 13@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-217	Composite 14@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-218	Composite 14@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-219	Composite 15@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-220	Composite 15@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-221	Composite 16@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-222	Composite 16@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-223	Composite 17@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-224	Composite 17@3.0'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-225	Composite 18@0.5'	Solid	07/27/23 00:00	07/28/23 14:45
570-146759-226	Composite 18@3.0'	Solid	07/27/23 00:00	07/28/23 14:45





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570-146759 Chain of Custody

146759
CHAIN-OF-CUSTODY RECORD

DATE: 7/25-7/27/23
PAGE: 1 OF 20

LABORATORY CLIENT: PLACEWORKS		CLIENT PROJECT NAME / NO.: NICHOLAS ELEM. SCHOOL SACRAMENTO COUNTY, CA	P.O. NO.: SCUS-07.0
ADDRESS: 2850 INLAND EMPIRE BL SUITE B		PROJECT CONTACT: MICHAEL WATSON	LAB CONTACT OR QUOTE NO.: Lori Thompson
CITY: ONTARIO	STATE: CA	ZIP: 91764	
TEL: 909989449	E-MAIL: mwatson@placeworks.com	GLOBAL ID:	LOG CODE:
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD		SAMPLER(S): (PRINT) MICHAEL WATSON	

EDD:
 COELT EDF OTHER

SPECIAL INSTRUCTIONS:
C = composite
see table 1 for composite groupings

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	6010B Lead	As			
		DATE	TIME																								
1	B-2000.5'	7/25/23	0932	Soil	1	X																					
2	B-2003.0'		0935																								
3	B-2100.5'		0939																								
4	B-2103.0'		0942																								
5	B-2500.5'		1005																								
6	B-2503.0'		1009																								
7	B-2300.5'		1016																								
8	B-2303.0'		1020																								
9	B-2200.5'		1026																								
10	B-2203.0'		1030																								

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 7/28/23	Time: 14:45
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2.9/3.2 3.7/4.0 3.9/4.2 * C.S.



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CHAIN-OF-CUSTODY RECORD

DATE: 7/25-7/27/23
PAGE: 2 OF 20

LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:		GLOBAL ID:		LOG CODE:	
TEL:		SAMPLER(S): (PRINT)			
E-MAIL:					

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES
Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:

*C = composite
See table 1 for
composite groupings*

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010747X <input type="checkbox"/> 6020747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	60108 Lead	HOLD		
		DATE	TIME																							
11	B-12e0.5'	7/25/23	1033	Soil	1	X																				
12	B-12e3.0'		1038																							
13	B-5e0.5'		1049																							
14	B-5e3.0'		1053																							
15	B-4e0.5'		1100																							
16	B-4dpe0.5'		1101																							
17	B-4c3.0'		1103																							
18	B-4dpe3.0'		1104																							
19	B-3e0.5'		1105																							
20	B-3dpe0.5'		1106																							

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<i>[Signature]</i>	<i>[Signature]</i>	7/28/23	14:45
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:



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CHAIN-OF-CUSTODY RECORD

DATE: 7/25/23
PAGE: 3 OF 20

WO NO. / LAB USE ONLY

LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS: See page 1		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:		LOG CODE:
TEL:	E-MAIL:		SAMPLER(S): (PRINT)		

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES
Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:

C = composite
See table 1 for composite groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRB	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	6010B Lead	Hold		
		DATE	TIME																							
21	B-3E 3.0	7/25/23	1109	Soil	1	X																				
22	B-3DPE 3.0		1109																							
23	B-2E 0.5		1111																X							
24	B-2DPE 0.5		1112																							
25	B-2E 3.0		1114																							
26	B-2DPE 3.0		1115																							
27	B-1E 0.5		1117																							
28	B-1DPE 0.5		1118																							
29	B-1E 3.0		1120																							
30	B-1DPE 3.0		1121																							

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Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:



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CHAIN-OF-CUSTODY RECORD

DATE: 7/25-7/27/23
PAGE: 4 OF 20

LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:	LOG CODE:	SAMPLER(S): (PRINT)
TEL:	E-MAIL:				

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES

Please check box or fill in blank as needed.

C = composite
see table 1 for
composite groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(g) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (8035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	60106 Lead	Hold	
		DATE	TIME																						
31	B-6E0.5'	7/25/23	1219	Soil	1	X																			
32	B-6E3.0'		1221																						
33	B-8E0.5'		1222																						
34	B-8E3.0'		1224																						
35	B-7E0.5'		1225																						
36	B-7E3.0'		1227																						
37	B-9E0.5'		1229																						
38	B-9E3.0'		1230	1230																					
39	B-10E0.5'		1232																						
40	B-10E3.0'		1233	1233																					

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 7/28/23	Time: 14:45
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:



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DATE: 7/25-7/27/23

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LABORATORY CLIENT: _____

ADDRESS: see page 1

CITY: _____ STATE: _____ ZIP: _____

TEL: _____ E-MAIL: _____

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD: _____

COELT EDF OTHER

SPECIAL INSTRUCTIONS: _____

CLIENT PROJECT NAME / NO.: _____

P.O. NO.: _____

PROJECT CONTACT: _____

LAB CONTACT OR QUOTE NO.: _____

GLOBAL ID: _____ LOG CODE: _____

SAMPLER(S): (PRINT) _____

REQUESTED ANALYSES
Please check box or fill in blank as needed.

C = composite
See table 1 for composite groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH _____	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	6010B Lead	HOLD		
		DATE	TIME																							
41	B-11e0.5'	7/25/23	1236	Soil	1	X																				
42	B-11e3.0'		1238																							
43	B-19e0.5'		1240																X				X			
44	B-19e3.0'		1242																X				X			
45	B-19e0.5'		1244																X				X			
46	B-19e3.0'		1246																X				X			
47	B-13e0.5'		1248																X				X			
48	B-13e3.0'		1250																X				X			
49	B-15e0.5'		1253																X				X			
50	B-15e3.0'		1255																X				X			

Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature]</u>	Date: 7/28/23	Time: 14:45
Relinquished by: (Signature) _____	Received by: (Signature/Affiliation) _____	Date: _____	Time: _____
Relinquished by: (Signature) _____	Received by: (Signature/Affiliation) _____	Date: _____	Time: _____



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PAGE: 6 OF 20

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LABORATORY CLIENT:					CLIENT PROJECT NAME / NUMBER: <u>I</u>										P.O. NO.:														
ADDRESS: <u>see page</u>					PROJECT CONTACT: <u>I</u>										SAMPLER(S): (PRINT)														
CITY: STATE: ZIP:																													
TEL: E-MAIL:					REQUESTED ANALYSES																								
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD					Please check box or fill in blank as needed																								
<input type="checkbox"/> COELT EDF GLOBAL ID: LOG CODE:																													
SPECIAL INSTRUCTIONS: <u>C = composite see table 1 for composite groupings</u>																													
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035): <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs: <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	122 Metals: <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI): <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	<u>6010B Lead</u>	<u>6010B Lead + Arsenic</u>	<u>HOLD</u>				
		DATE	TIME																										
51	B-14P0.5'	7/25/23	1257	soil	1	X																							
52	B-14E3.0'		1259																										
53	B-16E0.5'		1301																										
54	B-16E3.0'		1303																										
55	A-7E0.5'		1310																										
56	A-7E3.0'		1312																										
57	A-16E0.5'		1317																										
58	A-16E3.0'		1320																										
59	B-27E0.5'		1328																										
60	B-27E3.0'		1330																										
Relinquished by: (Signature) <u>[Signature]</u>					Received by: (Signature/Affiliation) <u>[Signature]</u>					Date: <u>7/28/23</u>					Time: <u>14:46</u>														
Relinquished by: (Signature)					Received by: (Signature/Affiliation)					Date:					Time:														
Relinquished by: (Signature)					Received by: (Signature/Affiliation)					Date:					Time:														



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CHAIN OF CUSTODY RECORD

DATE: 7/25-7/27/23

PAGE: 7 OF 20

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LABORATORY CLIENT:						CLIENT PROJECT NAME / NUMBER:						P.O. NO.:															
ADDRESS: <i>See page 1</i>												PROJECT CONTACT: <i>[Signature]</i>						SAMPLER(S): (PRINT)									
CITY:						STATE:						ZIP:															
TEL:						E-MAIL:						REQUESTED ANALYSES															
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):												Please check box or fill in blank as needed.															
<input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD																											
<input type="checkbox"/> COELT EDF						GLOBAL ID:						LOG CODE:															
SPECIAL INSTRUCTIONS: <i>C = composite see table 1 for composite groupings</i>																											
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	<input type="checkbox"/> TPH C6-C36 <input type="checkbox"/> C6-C44	<input type="checkbox"/> TPH	<input type="checkbox"/> BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	<input type="checkbox"/> VOCs (8260)	<input type="checkbox"/> Oxygenates (8260)	<input type="checkbox"/> Prep (5035): <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	<input type="checkbox"/> SVOCs (8270)	<input type="checkbox"/> Pesticides (8081)	<input type="checkbox"/> PCBs (8082)	<input type="checkbox"/> PAHs: <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	<input type="checkbox"/> T22 Metals: <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	<input type="checkbox"/> Cr(VI): <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	<i>60108 Lead</i>	<i>Hold</i>	<i>60108 Lead + Arsenic</i>		
		DATE	TIME						<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	<input type="checkbox"/> TPH C6-C36 <input type="checkbox"/> C6-C44	<input type="checkbox"/> TPH	<input type="checkbox"/> BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	<input type="checkbox"/> VOCs (8260)	<input type="checkbox"/> Oxygenates (8260)	<input type="checkbox"/> Prep (5035): <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	<input type="checkbox"/> SVOCs (8270)	<input type="checkbox"/> Pesticides (8081)	<input type="checkbox"/> PCBs (8082)	<input type="checkbox"/> PAHs: <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	<input type="checkbox"/> T22 Metals: <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	<input type="checkbox"/> Cr(VI): <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6					
61	B-26e0.5'	7/25/23	1336	Soil	1	X																					
62	B-26e3.0'		1338																								
63	B-24e0.5'		1344																								
64	B-24e3.0'		1346																								
65	B-17e0.5'		1350																								
66	B-17e3.0'		1352																								
67	B-28e0.5'		1403																	X							
68	B-28e3.0'		1405																								
69	E13072523	X	1625	aqueous	3	X	X												X	X							
70	T-1e0.5'	7/26/23	0725	Soil	1	X														X							
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date: 7/28/23						Time: 14:45									
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date:						Time:									
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CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY

DATE: 7/25/23
PAGE: 9 OF 20

LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:	LOG CODE:	SAMPLER(S) (PRINT)
TEL:	E-MAIL:				

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES

Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:

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See table 1 for composite groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(V) <input type="checkbox"/> DRB	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	60108 Arsenic/Lead			
		X	HOLD																							
91	A-3APE 3.0	7/26/23	0758	Soil	1	X																		X		
92	A-4PE 0.1		0807																							
93	A-4APE 0.5'		0808																							
94	A-4PE 3.0'		0809																							
95	A-4APE 3.0'		0810																							X
96	A-1PE 0.5'		0821																						X	
97	A-1APE 0.5'		0822																						X	
98	A-1PE 3.0'		0823																						X	
99	A-1APE 3.0'		0824																						X	
100	A-5PE 0.5		0836																						X	

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DATE: 7/25-7/27/23
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LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS: <u>See page</u>		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:		LOG CODE:
TEL:	E-MAIL:		SAMPLER(S) (PRINT)		

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EDD:
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LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRD	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	6010B Arsenic + Lead	HOLD	
		DATE	TIME																						
91	81 A-503.0'	7/26/23	0837	Soil	1	X																			
92	82 A-600.5'		0845																						
93	83 A-603.0'		0845																						
94	84 A-700.5'		0853																						
95	85 A-703.0'		0854																						
96	86 A-900.5'		0900																						
97	87 A-903.0'		0901																						
98	88 A-900.5'		0905																						
99	89 A-803.0'		0906																						
100	90 A-1100.5'		0912																						

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Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:	LOG CODE:	SAMPLER(S) (PRINT)
TEL:	EMAIL:				

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SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

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LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(M) <input type="checkbox"/> DBO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	60108 Arsenic + Lead	HOLD		
		DATE	TIME																							
101	A-1203.0'	7/24/23	0913	Soil	1	X																				
102	A-1200.5'		1018																							
103	A-1202.0'		1019																							
104	A-1300.5'		1027																							
105	A-1303.0'		1028																							
106	A-1400.5'		1032																							
107	A-1403.0'		1033																							
108	A-1500.5'		1039																							
109	A-1503.0'		1040																							
110	A-1900.5'		1050																							

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		7/28/23	14:45
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CHAIN-OF-CUSTODY RECORD

DATE: 7/25-7/27/23
PAGE: 12 OF 20

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LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:	LOG CODE:	SAMPLER(S): (PRINT)
TEL:	E-MAIL:				

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES
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Comp-site groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (6035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	6010 B Arsenic + Lead	HOLD	
		DATE	TIME																						
111	A-19@3.0'	7/26/23	1051	Soil	1	X																			
112	A-18@0.5'		1055																						
113	A-18@3.0'		1056																						
114	E-3@0.5'		1101																						
115	E-3@3.0'		1102																						
116	A-17@0.5'		1107																						
117	A-17@3.0'		1108																						
118	A-20@0.5'		1118																						
119	A-20@3.0'		1119																						
120	A-13A@0.5'		1230																						

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: <u>7/28/23</u>	Time: <u>11:45</u>
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

WO NO. / LAB USE ONLY

LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:		LOG CODE:
TEL:	E-MAIL:		SAMPLER(S): (PRINT)		

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Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010747X <input type="checkbox"/> 6020747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	HOLD
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LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010747X <input type="checkbox"/> 6020747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	HOLD	
		DATE	TIME																					
	B-1000.0'	7/25/23	1232																					
120	T-200.5'	7/25/23	1337	Soil	1	X														X				
121	T-202.0'		1358																					X
122	C-1000.5'		1530																	C				
123	C-1002.3'		1535																	C				
124	C-900.5'	7/27/23	0757																	C				
125	C-900.5'		0758																	C				
126	C-903.0'		0810																	C				
127	C-2600.5'		0837																	C				
128	C-2603.0'		0849																	C				

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		7/28/23	14:40
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
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LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:		LOG CODE:
TEL:	E-MAIL:		SAMPLER(S): (PRINT)		

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EOD:

COELT EDF OTHER

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see table 1 for composite groupings

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		DATE	TIME																				
129	C-8C0.5'	7/25/23	0844	Soil	1	X																	
130	C-8DPE0.5'		0845																				
131	C-8E3.0'		0853																				
132	C-25C0.5'		0853																				
133	C-25E3.0'		0904																				
134	C-7C0.5'		0911																				
135	C-7DPE0.5'		0912																				
136	C-7E3.0'		0920																				
137	C-7DPE3.0'		0921																				
138	C-5E0.5'		1001																				

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Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:





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LABORATORY CLIENT:						CLIENT PROJECT NAME / NUMBER:						P.O. NO.:																
ADDRESS: <i>See page 1</i>												PROJECT CONTACT: <i>[Signature]</i>						SAMPLER(S): (PRINT)										
CITY: <i>See page 1</i>						STATE: <i>See page 1</i>						ZIP: <i>See page 1</i>																
TEL:						E-MAIL:						REQUESTED ANALYSES																
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD												Please check box or fill in blank as needed.																
<input type="checkbox"/> COELT EDF						GLOBAL ID:						LOG CODE:																
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															LAB USE ONLY	SAMPLE ID		SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	<input type="checkbox"/> TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	<input type="checkbox"/> TPH
139	C-SDNPE0.5'		7/27/23	1002	Soil	1	X																					
140	C-SE3.0'			1025																								
141	C-SDNPE3.0'			1026																								
142	C-27PE0.5'			0955																								
143	C-27PE3.0'			1000																								
144	C-28PE0.5'			1014																								
145	C-28PE3.0'			1018																								
146	C-15PE0.5'			1046																								
147	C-15PE3.0'			1059																								
148	C-29PE0.5'		✓	1106	✓	✓	✓																					
Relinquished by: (Signature) <i>[Signature]</i>						Received by: (Signature/Affiliation) <i>[Signature]</i>						Date: 7/28/23						Time: 14:45										
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Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date:						Time:										



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LABORATORY CLIENT:						CLIENT PROJECT NAME / NUMBER						P.O. NO.:											
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TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):												REQUESTED ANALYSES											
<input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD												Please check box or fill in blank as needed.											
<input type="checkbox"/> COELT EDF GLOBAL ID: _____ LOG CODE: _____						<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO <input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44 BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/> VOCs (8260) Oxygenates (8260) Prep (5035): <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core SVOCs (8270) Pesticides (8081) PCBs (8082) PAHs: <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM T22 Metals: <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X Cr(VI): <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6						SPECIAL INSTRUCTIONS: <i>C = Composite See table 1 for composite groupings</i>						Unpreserved Preserved Field Filtered					
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) <input type="checkbox"/> GRO	TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035): <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs: <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals: <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI): <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6		
		DATE	TIME																				
149	C-29E3.0'	7/27/23	1112	Soil	1	X																	
150	C-20E0.5'		1137																				
151	C-20E3.0'		1141																				
152	C-11E0.5'		1253																				
153	C-11E3.0'		1301																				
154	C-19E0.5'		1241																				
155	C-19E3.0'		1241																				
156	C-18E0.5'		1300																				
157	C-18E3.0'		1303																				
158	C-12E0.5'		1322																				
Relinquished by: (Signature) <i>[Signature]</i>						Received by: (Signature/Affiliation) <i>[Signature]</i>						Date: 7/28/23		Time: 14:45									
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date:		Time:									
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date:		Time:									

CHAIN OF CUSTODY RECORD

Page 20 of 20

Instruction: Complete all shaded areas.

For Laboratory Use Only		ATLCOC Ver: 20130715					
Method of Transport	Sample Conditions Upon Receipt						
	Condition	Y	N	Condition	Y	N	
<input type="checkbox"/> Client	<input type="checkbox"/> ATL	1. CHILLED	<input type="checkbox"/>	<input type="checkbox"/>	5. # OF SAMPLES MATCH COC	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	2. HEADSPACE (VDA)	<input type="checkbox"/>	<input type="checkbox"/>	6. PRESERVED	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> GSO		3. CONTAINER INTACT	<input type="checkbox"/>	<input type="checkbox"/>	7. COOLER TEMP, deg C:		
<input type="checkbox"/> Other: _____		4. SEALED	<input type="checkbox"/>	<input type="checkbox"/>			

CUSTOMER	Company: PLACEWORKS	Address:	Tel:		
	SEND REPORT TO:	City:	State:	Zip:	Fax:
	Attn:	Email:	Attn:	Email:	<input type="checkbox"/> same as SEND REPORT TO
	Company:	Company:			
Address:	<i>See page 1</i>				
City:	State:	Zip:	City:	State:	Zip:

Project Name:	Quote No:	Special Instructions/Comments:	Encircle or Write Requested Analysis										Encircle Sample Matrix			Container	QA/QC					
Project No.:	PO #:	<i>C = composite See Table 1 for composite groupings</i>	8260 / 624 (Volatiles)	8015 (GRO)	8015 (DRO)	8270 (Semi-volatiles)	8081 (Organochlorine Pesticides)	8082 (PCBs)	6010 / 7000 (Title 22 Metals)	TO-15	<i>60106 Pb + As</i>	SOIL SEDIMENT / SLUDGE	SOLIDS / WIPE / FILTER	WATER - DRINKING / GROUND	WATER - STORM / WASTE	LIQUEOUS / FLAVORED - OIL	TAT	#	Type: 1=Tube, 2=VOA, 3=liner, 4=Pin; 5=Jar, 6=Febr, 7=Canister	Material: 1=Glass, 2=Plastic, 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=AC 5=Zn (Ac2); 6=NaOH; 7=Na2S2O3	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Caltrans <input type="checkbox"/> Legal <input type="checkbox"/> RWQCB <input type="checkbox"/> Level IV
Sampler:																						REMARKS
ITEM	Lab No.	Sample ID / Location	Date	Time																		
1	189	C-30065	7/27/23	1551			C															
2	190	EB072723	↓	1600			X															
3	191	EB072623	7/26/23				XX	X														
4																						
5																						
6																						
7																						
8																						
9																						
10																						

TERMS

1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM.
 2. Samples Submitted AFTER 3:00 PM, are considered received the following Business day at 8:00 AM.
 3. The following turnaround time conditions apply:
 TAT = 0 : 300% Surcharge SAME BUSINESS DAY if received by 9:00 AM
 TAT = 1 : 100% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)
 TAT = 2 : 50% Surcharge 2ND BUSINESS DAY (COB 5:00 PM)
 TAT = 3 : 30% Surcharge 3RD BUSINESS DAY (COB 5:00 PM)
 TAT = 4 : 20% Surcharge 4TH BUSINESS DAY (COB 5:00 PM)
 TAT = 5 : NO SURCHARGE 5th BUSINESS DAY (COB 5:00 PM)
 4. Weekend, holiday, after-hours work - ask for quote.
 5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective to the subcontract lab --- ask for quote.
 6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.
 7. Electronic records maintained for five (5) years from report date.
 8. Hard copy reports will be disposed of after 45 calendar days from report date.
 9. Storage and Report Fees:
 - Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$2/sample/month if extended storage or hold is requested.
 - Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20/ sample/week if extended storage is requested.
 - Hard copy and regenerated reports/EDDs: \$17.50 per hard copy report requested; \$50.00 per regenerated/reforma? ed report; \$35 per reprocessed EDD.
 10. Rush TCLP/STLC samples: add 2 days to analysis TAT for extraction on procedure.
 11. Unanalyzed samples will incur a disposal fee of \$7 per sample.

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

 Submitter Print Name

 Signature

CUSTODY	Relinquished by: (Signature and Printed Name)	Date: 7/28/23	Time: 14:45	Received by: (Signature and Printed Name)	Date: 7/28/23	Time: 17:45
	Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
	Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

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

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A Organochlorine Pesticides	EPA 8082 Polychlorinated Biphenyls	EPA 6010B Arsenic	EPA 6010B Lead
A-1, A-2, A-3, A-4	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C		2D (A-1, A-3)	2D (A-1, A-3)
A-1 DUP, A-2 DUP, A-3 DUP, A-4 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate	C DUP		D DUP (A-1 DUP)	3D DUP (A-1 DUP, A-2 DUP, A-3 DUP)
A-5, A-6, A-9, A-10	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C		2D (A-5, A-10)	2D (A-5, A-10)
A-7, A-11, A-12, A-16	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C		2D (A-11, A-16)	2D (A-11, A-16)
A-8, A-13, A-17, A-20	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C		2D (A-8, A-17)	2D (A-8, A-17)
A-14, A-15, A-18, A-19	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C		2D (A-14, A-19)	2D (A-14, A-19)
B-1, B-2, B-3	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		2D (B-2, B-3)		2D (B-2, B-3)
B-1 DUP, B-2 DUP, B-3 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate				
B-4	0' - 0.5' 2.5' - 3.0'	Former Building Predating 1978		D		D
B-4 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate		D DUP		
B-5, B-6, B-7	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		2D (B-6, B-7)		2D (B-6, B-7)
B-8, B-9, B-12	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		2D (B-8, B-9)		2D (B-8, B-9)
B-10	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		D		D
B-11, B-13, B-14	0' - 0.5' 2.5' - 3.0'	Former Building Predating 1978		2D (B-13, B-14)		2D (B-13, B-14)
B-15, B-16, B-17	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		2D (B-15, B-16)		2D (B-15, B-16)
B-22, B-23, B-25	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978				
B-24, B-26, B-27	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978				
B-28	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		D		D
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		
T-3	0' - 0.5' 2.5' - 3.0'	Pole-Mounted Transformer		D		
2 EB	NA	Quality Control	EB	2D	1D	2D
TOTAL			15	16 15 DUP, 2 EB	10 D, 1 EB, 2 EB	23 D, 2 DUP, 2 EB

Notes:
 Only 5 lead samples are proposed for northern building because of widespread hardscape on the western side of the structure.
 Only 1 lead sample is proposed for administration building because of widespread hardscape completely surrounding the structure.
 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.

*additional
 ops*

Composite
 COMP: C-1E0.5, C-2E0.5, C-3E0.5'
groupings
 COMP: C-1E3.0, C-2E3.0, C-3E3.0'
 COMP: C-4E0.5, C-6E0.5, C-10E0.5'
 COMP: C-4E3.0, C-6E3.0, C-10E3.0'
 COMP: C-5E0.5, C-7E0.5'
 COMP: C-5DUP0.5, C-7DUP0.5'
 COMP: C-5E3.0, C-7E3.0'
 COMP: C-5DUP3.0, C-7DUP3.0'
 COMP: C-8E0.5, C-9E0.5'
 COMP: C-8DUP0.5, C-9DUP0.5'
 COMP: C-11E0.5, C-12E0.5, C-13E0.5'
 COMP: C-11E3.0, C-12E3.0, C-13E3.0'
 COMP: B-11E0.5, C-15E0.5, C-16E0.5'
 COMP: B-11E3.0, C-15E3.0, C-16E3.0'

COMP: C-14E0.5, C-17E0.5, C-20E0.5'
COMP: C-14E3.0, C-17E3.0, C-20E3.0'
COMP: C-18E0.5, C-19E0.5'
COMP: C-18E3.0, C-19E3.0'
COMP: C-21E0.5, C-22E0.5'
COMP: C-21E3.0, C-22E3.0'
COMP: C-23E0.5, C-24E0.5'
COMP: C-23E3.0, C-24E3.0'
COMP: C-25E0.5, C-26E0.5'
COMP: C-25E3.0, C-26E3.0'
COMP: C-27E0.5, C-28E0.5'
COMP: C-27E3.0, C-28E3.0'
COMP: C-29E0.5, C-30E0.5, C-31E0.5'
COMP: C-29E3.0, C-30E3.0, C-31E3.0'

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-146759-1

Login Number: 146759

List Source: Eurofins Calscience

List Number: 1

Creator: Thompson, Lori

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	Sample compositing requested.
Residual Chlorine Checked.	N/A	





ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Watson
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764

Generated 8/17/2023 9:22:10 AM

JOB DESCRIPTION

Nicholas Elementary School Sacramento County, CA

JOB NUMBER

570-146759-2

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
8/17/2023 9:22:10 AM

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



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Definitions/Glossary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-2

Glossary

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

Case Narrative

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County, CA

Job ID: 570-146759-2

Job ID: 570-146759-2

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-146759-2

Receipt

The samples were received on 7/28/2023 2:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 3.2°C, 4.0°C and 4.2°C

Metals

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

- 1
- 2
- 3
- 4
- 5
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- 8
- 9
- 10
- 11
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- 13
- 14

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-2

Client Sample ID: A-15@3.0'

Lab Sample ID: 570-146759-109

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.15		1.97	mg/Kg	5		6010B	Total/NA

- 1
- 2
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- 11
- 12
- 13
- 14

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: A-15@3.0'
Date Collected: 07/26/23 10:40
Date Received: 07/28/23 14:45

Lab Sample ID: 570-146759-109
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.15		1.97	mg/Kg		08/16/23 06:20	08/16/23 18:48	5

- 1
- 2
- 3
- 4
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- 7
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- 13
- 14

QC Sample Results

Client: PlaceWorks, Inc.
 Project/Site: Nicholas Elementary School Sacramento County,
 CA

Job ID: 570-146759-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-355283/1-A ^5
Matrix: Solid
Analysis Batch: 355545

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 355283

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.99	mg/Kg		08/16/23 06:20	08/16/23 15:21	5

Lab Sample ID: LCS 570-355283/2-A ^5
Matrix: Solid
Analysis Batch: 355545

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 355283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	46.98		mg/Kg		94	80 - 120

Lab Sample ID: LCSD 570-355283/3-A ^5
Matrix: Solid
Analysis Batch: 355545

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 355283

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	49.5	46.75		mg/Kg		94	80 - 120	0	20

QC Association Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-2

Metals

Prep Batch: 355283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-109	A-15@3.0'	Total/NA	Solid	3050B	
MB 570-355283/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-355283/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-355283/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 355545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-355283/1-A ^5	Method Blank	Total/NA	Solid	6010B	355283
LCS 570-355283/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	355283
LCSD 570-355283/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	355283

Analysis Batch: 355660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-146759-109	A-15@3.0'	Total/NA	Solid	6010B	355283

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-2

Client Sample ID: A-15@3.0'

Lab Sample ID: 570-146759-109

Date Collected: 07/26/23 10:40

Matrix: Solid

Date Received: 07/28/23 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	355283	08/16/23 06:20	TL	EET CAL 4
Total/NA	Analysis	6010B		5			355660	08/16/23 18:48	P1R	EET CAL 4

Instrument ID: ICP10

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494



Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-2

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24

- 1
- 2
- 3
- 4
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- 12
- 13
- 14

Method Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-2

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: Nicholas Elementary School Sacramento County,
CA

Job ID: 570-146759-2

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
570-146759-109	A-15@3.0'	Solid	07/26/23 10:40	07/28/23 14:45

1

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11

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13

14

Lori Thompson

From: Mike Watson <mwatson@placeworks.com>
Sent: Friday, August 11, 2023 1:10 PM
To: Lori Thompson
Subject: RE: Eurofins Calscience report and EDD files from 570-146759-1 Nicholas Elementary School Sacramento County, CA

EXTERNAL EMAIL*

Hi Lori,

Can you please run A-15@3.0' for lead? Standard TAT.

Thank you,

MICHAEL J. WATSON, PG
Senior Geologist
he/him
909.989.4449 ext. 2206

From: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Sent: Friday, August 11, 2023 1:00 PM
To: Mike Watson <mwatson@placeworks.com>
Subject: Eurofins Calscience report and EDD files from 570-146759-1 Nicholas Elementary School Sacramento County, CA

Hello,

Attached please find the report and EDD files for job 570-146759-1; Nicholas Elementary School Sacramento County, CA

Please feel free to contact me if you have any questions.

Thank you.

Lori Thompson
Project Manager

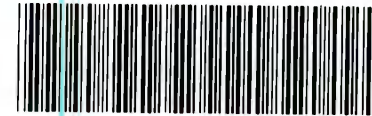
Eurofins Calscience
Phone: 657-212-3035
Mobile: 714-620-9205

E-mail: Lori.Thompson@et.eurofinsus.com
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570-146759 Chain of Custody

146759
CHAIN-OF-CUSTODY RECORD

DATE: 7/25-7/27/23
PAGE: 1 OF 20

LABORATORY CLIENT: PLACEWORKS		CLIENT PROJECT NAME / NO.: NICHOLAS ELEM. SCHOOL SACRAMENTO COUNTY, CA	P.O. NO.: SCUS-07.0
ADDRESS: 2850 INLAND EMPIRE BL SUITE B		PROJECT CONTACT: MICHAEL WATSON	LAB CONTACT OR QUOTE NO.: Lori Thompson
CITY: ONTARIO	STATE: CA	ZIP: 91764	
TEL: 909989449	E-MAIL: mwatson@placeworks.com	GLOBAL ID:	LOG CODE:
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD		SAMPLER(S): (PRINT) MICHAEL WATSON	

EDD:
 COELT EDF OTHER

SPECIAL INSTRUCTIONS:
C = composite
see table 1 for composite groupings

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	6010B Lead	As		
		DATE	TIME																							
1	B-2000.5'	7/25/23	0932	Soil	1	X																				
2	B-2003.0'		0935																							
3	B-2100.5'		0939																							
4	B-2103.0'		0942																							
5	B-2500.5'		1005																							
6	B-2503.0'		1009																							
7	B-2300.5'		1016																							
8	B-2303.0'		1020																							
9	B-2200.5'		1026																							
10	B-2203.0'		1030																							

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 7/28/23	Time: 14:45
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2.9/3.2, 3.7/4.0, 3.9/4.2 * C.S.



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CHAIN-OF-CUSTODY RECORD

DATE: 7/25-7/27/23
PAGE: 2 OF 20

LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:		GLOBAL ID:		LOG CODE:	
TEL:		SAMPLER(S): (PRINT)		E-MAIL:	

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES
Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:

*C = composite
See table 1 for
composite groupings*

Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010747X <input type="checkbox"/> 6020747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	<i>60108 Lead</i>	<i>HOLD</i>
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LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010747X <input type="checkbox"/> 6020747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	<i>60108 Lead</i>	<i>HOLD</i>	
		DATE	TIME																						
11	B-12e0.5'	7/25/23	1033	Soil	1	X																			
12	B-12e3.0'		1038																						
13	B-5e0.5'		1049																						
14	B-5e3.0'		1053																						
15	B-4e0.5'		1100																						
16	B-4dpe0.5'		1101																						
17	B-4c3.0'		1103																						
18	B-4dpe3.0'		1104																						
19	B-3e0.5'		1105																						
20	B-3dpe0.5'		1106																						

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: <u>7/28/23</u>	Time: <u>14:45</u>
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:





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DATE: 7/25/23
PAGE: 3 OF 20

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LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS: <u>See page 1</u>		PROJECT CONTACT: <u>1</u>		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:	LOG CODE:	SAMPLER(S); (PRINT)
TEL:	E-MAIL:				

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES
Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:

C = composite
See table 1 for composite groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRB	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	6010B Lead	Hold	
		DATE	TIME																						
21	B-3E 3.0	7/25/23	1109	Soil	1	X																			
22	B-3DPE 3.0		1109																						
23	B-2E 0.5		1111																X					X	
24	B-2DPE 0.5		1112																					X	
25	B-2E 3.0		1114																					X	
26	B-2DPE 3.0		1115																					X	
27	B-1E 0.5		1117																					X	
28	B-1DPE 0.5		1118																					X	
29	B-1E 3.0		1120																					X	
30	B-1DPE 3.0		1121																					X	

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: <u>7/28/23</u>	Time: <u>1445</u>
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:



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CHAIN-OF-CUSTODY RECORD

DATE: 7/25-7/27/23
PAGE: 4 OF 20

LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:	LOG CODE:	SAMPLER(S): (PRINT)
TEL:	E-MAIL:				

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES

Please check box or fill in blank as needed.

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LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(g) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (8035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	60106 Lead	Hold		
		DATE	TIME																							
31	B-6E0.5'	7/25/23	1219	Soil	1	<input checked="" type="checkbox"/>																				
32	B-6E3.0'		1221																							
33	B-8E0.5'		1222																							
34	B-8E3.0'		1224																							
35	B-7E0.5'		1225																							
36	B-7E3.0'		1227																							
37	B-9E0.5'		1229																							
38	B-9E3.0'		1230		1230																					
39	B-10E0.5'		1232																							
40	B-10E3.0'		1233		1233																					

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Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
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DATE: 7/25-7/27/23
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WO NO. / LAB USE ONLY

LABORATORY CLIENT: ADDRESS: see page 1

CITY: STATE: ZIP:

TEL: E-MAIL: PROJECT CONTACT: LAB CONTACT OR QUOTE NO.:

GLOBAL ID: LOG CODE: SAMPLER(S): (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

REQUESTED ANALYSES

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see table 1 for
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		DATE	TIME																						
41	B-11e0.5'	7/25/23	1236	Soil	1	X																			
42	B-11e3.0'		1238																						
43	B-19e0.5'		1240																X				X		
44	B-19e3.0'		1242																X				X		
45	B-19e0.5'		1244																X				X		
46	B-19e3.0'		1246																X				X		
47	B-13e0.5'		1248																X				X		
48	B-13e3.0'		1250																X				X		
49	B-15e0.5'		1253																X				X		
50	B-15e3.0'		1255																X				X		

Relinquished by: (Signature) [Signature] Received by: (Signature/Affiliation) [Signature] Date: 7/28/23 Time: 14:45

Relinquished by: (Signature) Received by: (Signature/Affiliation) Date: Time:

Relinquished by: (Signature) Received by: (Signature/Affiliation) Date: Time:



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CHAIN OF CUSTODY RECORD

DATE: 7/25-7/27/23

PAGE: 6 OF 20

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LABORATORY CLIENT:					CLIENT PROJECT NAME / NUMBER: <u>I</u>										P.O. NO.:												
ADDRESS: <u>see page</u>					PROJECT CONTACT: <u>I</u>										SAMPLER(S): (PRINT)												
CITY: STATE: ZIP:																											
TEL: E-MAIL:					REQUESTED ANALYSES																						
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD					Please check box or fill in blank as needed																						
<input type="checkbox"/> COELT EDF GLOBAL ID: LOG CODE:																											
SPECIAL INSTRUCTIONS: <u>C = composite see table 1 for composite groupings</u>																											
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035): <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs: <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	122 Metals: <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI): <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	<u>6010B Lead</u>	<u>6010B Lead + Arsenic</u>	<u>HOLD</u>		
		DATE	TIME																								
51	B-14P0.5'	7/25/23	1257	soil	1	X																					
52	B-14E3.0'		1259																								
53	B-16E0.5'		1301																								
54	B-16E3.0'		1303																								
55	A-7E0.5'		1310																								
56	A-7E3.0'		1312																								
57	A-16E0.5'		1317																								
58	A-16E3.0'		1320																								
59	B-27E0.5'		1328																								
60	B-27E3.0'		1330																								
Relinquished by: (Signature) <u>[Signature]</u>					Received by: (Signature/Affiliation) <u>[Signature]</u>					Date: 7/28/23					Time: 14:46												
Relinquished by: (Signature)					Received by: (Signature/Affiliation)					Date:					Time:												
Relinquished by: (Signature)					Received by: (Signature/Affiliation)					Date:					Time:												



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CHAIN OF CUSTODY RECORD

DATE: 7/25-7/27/23

PAGE: 7 OF 20

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LABORATORY CLIENT:						CLIENT PROJECT NAME / NUMBER:						P.O. NO.:															
ADDRESS: <i>See page 1</i>												PROJECT CONTACT: <i>[Signature]</i>						SAMPLER(S): (PRINT)									
CITY:						STATE:						ZIP:															
TEL:						E-MAIL:						REQUESTED ANALYSES															
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):												Please check box or fill in blank as needed.															
<input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD																											
<input type="checkbox"/> COELT EDF GLOBAL ID: _____ LOG CODE: _____																											
SPECIAL INSTRUCTIONS:																											
<i>C = composite see table 1 for composite groupings</i>																											
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035): <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs: <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals: <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI): <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	60108 Lead	Hold	60108 Lead + Arsenic		
		DATE	TIME																								
61	B-26e0.5'	7/25/23	1336	Soil	1	X																					
62	B-26e3.0'		1338																								
63	B-24e0.5'		1344																								
64	B-24e3.0'		1346																								
65	B-17e0.5'		1350																								
66	B-17e3.0'		1352																								
67	B-28e0.5'		1403																								
68	B-28e3.0'		1405																								
69	E13072523	X	1625	aqueous	3	X	X																				
70	T-1e0.5'	7/26/23	0725	Soil	1	X																					
Relinquished by: (Signature) <i>[Signature]</i>						Received by: (Signature/Affiliation) <i>[Signature]</i>						Date: 7/28/23 Time: 14:45															
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date: Time:															
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date: Time:															



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CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY

DATE: 7/25/23
PAGE: 9 OF 20

LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:		LOG CODE:
TEL:	E-MAIL:		SAMPLER(S): (PRINT)		

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES
Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:

C = composite
See table I for composite groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(V) <input type="checkbox"/> DBO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	6010B Arsenic/Lead		
		X	HOLD																						
91	A-3APE 3.0	7/26/23	0758	Soil	1	X																		X	
92	A-4PE 0.5'		0807																C						
93	A-4APE 0.5'		0808																C						
94	A-4PE 3.0'		0809																						X
95	A-4APE 3.0'		0810																						X
96	A-1PE 0.5'		0821																					X	X
97	A-1APE 0.5'		0822																					X	X
98	A-1PE 3.0'		0823																					X	X
99	A-1APE 3.0'		0824																					X	X
100	A-5PE 0.5'		0836																C					X	X

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
		7/28/23	14:45
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:





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CHAIN-OF-CUSTODY RECORD

DATE: 7/25-7/27/23
PAGE: 10 OF 20

WO NO. / LAB USE ONLY

LABORATORY CLIENT:

ADDRESS: See page

CITY: STATE: ZIP:

TEL: E-MAIL:

CLIENT PROJECT NAME / NO.:

PROJECT CONTACT:

GLOBAL ID: LOG CODE: SAMPLER(S) (PRINT):

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES
Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:
C = Composite
see table 1 for
Composite groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRD	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	6010B Arsenic + Lead	HOLD			
		DATE	TIME																								
91	81 A-503.0'	7/26/23	0837	Soil	1	X																					
92	82 A-600.5'		0845																								
93	83 A-603.0'		0845																								
94	84 A-700.5'		0853																								
95	85 A-703.0'		0854																								
96	86 A-900.5'		0900																								
97	87 A-903.0'		0901																								
98	88 A-900.5'		0905																								
99	89 A-803.0'		0906																								
100	90 A-1100.5'		0912																								

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: <u>7/28/23</u>	Time: <u>14:45</u>
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:





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CHAIN-OF-CUSTODY RECORD

DATE: 7/25-7/27/23
PAGE: 11 OF 20

WO NO. / LAB USE ONLY

LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:		LOG CODE:
TEL:	EMAIL:	GLOBAL ID:		LOG CODE:	SAMPLER(S) (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES
Please check box or fill in blank as needed.

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See table 1 for
composite groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(A) <input type="checkbox"/> DBO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	60108 Arsenic + Lead	HOLD	
		DATE	TIME																						
101	A-1203.0'	7/24/23	0913	Soil	1	X																			
102	A-1200.5'		1018																						
103	A-1202.0'		1019																						
104	A-1300.5'		1027																						
105	A-1303.0'		1028																						
106	A-1400.5'		1032																						
107	A-1403.0'		1033																						
108	A-1500.5'		1039																						
109	A-1503.0'		1040																						
110	A-1900.5'		1050																						

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
		7/28/23	14:45
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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CHAIN-OF-CUSTODY RECORD

DATE: 7/25-7/27/23
PAGE: 12 OF 20

WO NO. / LAB USE ONLY

LABORATORY CLIENT:

ADDRESS: See page 1

CITY: _____ STATE: _____ ZIP: _____

TEL: _____ E-MAIL: _____

CLIENT PROJECT NAME / NO.: _____ P.O. NO.: _____

PROJECT CONTACT: _____ LAB CONTACT OR QUOTE NO.: _____

GLOBAL ID: _____ LOG CODE: _____ SAMPLER(S): (PRINT) _____

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD: _____

COELT EDF OTHER _____

REQUESTED ANALYSES
Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:
C = Composite
See table 1 for
comp-site groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH _____	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/> _____	VOCs (8260)	Oxygenates (8260)	Prep (6035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	6010 B Arsenic + Lead	HOLD	
		DATE	TIME																						
111	A-19@3.0'	7/26/23	1051	Soil	1	X																			
112	A-18@0.5'		1055																						
113	A-18@3.0'		1056																						
114	E-3@0.5'		1101																						
115	E-3@3.0'		1102																						
116	A-17@0.5'		1107																						
117	A-17@3.0'		1108																						
118	A-20@0.5'		1118																						
119	A-20@3.0'		1119																						
120	A-13A@0.5'		1230																						

Relinquished by: (Signature) [Signature]

Relinquished by: (Signature) _____

Relinquished by: (Signature) _____

Received by: (Signature/Affiliation) [Signature]

Received by: (Signature/Affiliation) [Signature]

Received by: (Signature/Affiliation) _____

Date: 7/28/23 Time: 11:45

Date: _____ Time: _____

Date: _____ Time: _____



WO NO. / LAB USE ONLY

LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:		LOG CODE:
TEL:	E-MAIL:		SAMPLER(S): (PRINT)		

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EDD:

COELT EDF OTHER

REQUESTED ANALYSES
 Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:

C = Composite
 See table 1 for composite groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (6035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	HOLD	
		DATE	TIME																					
	BIBAC 3.0	7/25/23	1232																					
120	T-200.5'	7/25/23	1337	Soil	1	X														X				
121	T-202.0'		1358																				X	
122	C-1000.5'		1530																					
123	C-1002.3'		1535																					
124	C-900.5'	7/27/23	0757																					
125	C-900.5'		0758																					
126	C-903.0'		0810																					
127	C-2600.5'		0837																					
128	C-2603.0'		0849																					

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
		7/28/23	14:40
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:



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CHAIN-OF-CUSTODY RECORD

DATE: 7/25-7/27/23

PAGE: 14 OF 20

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LABORATORY CLIENT:		CLIENT PROJECT NAME / NO.:		P.O. NO.:	
ADDRESS:		PROJECT CONTACT:		LAB CONTACT OR QUOTE NO.:	
CITY:	STATE:	ZIP:	GLOBAL ID:		LOG CODE:
TEL:	E-MAIL:		SAMPLER(S): (PRINT)		

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD

EOD:

COELT EDF OTHER

REQUESTED ANALYSES

Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:

C = composite
see table 1 for composite groupings

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	
		DATE	TIME																				
129	C-8C0.5'	7/25/23	0844	Soil	1	X																	
130	C-8DPE0.5'		0845																				
131	C-8E3.0'		0853																				
132	C-25C0.5'		0853																				
133	C-25E3.0'		0904																				
134	C-7C0.5'		0911																				
135	C-7DPE0.5'		0912																				
136	C-7E3.0'		0920																				
137	C-7DPE3.0'		0921																				
138	C-5E0.5'		1001																				

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 7/28/23	Time: 1745
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:



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CHAIN OF CUSTODY RECORD

DATE: 7/25-7/27/23

PAGE: 15 OF 20

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LABORATORY CLIENT:						CLIENT PROJECT NAME / NUMBER:						P.O. NO.:														
ADDRESS: <i>See page 1</i>												PROJECT CONTACT: <i>[Signature]</i>						SAMPLER(S): (PRINT)								
CITY: <i>See page 1</i>						STATE: <i>See page 1</i>						ZIP: <i>See page 1</i>														
TEL:						E-MAIL:						REQUESTED ANALYSES														
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):												Please check box or fill in blank as needed.														
<input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD																										
<input type="checkbox"/> COELT EDF GLOBAL ID:						LOG CODE:																				
SPECIAL INSTRUCTIONS:																										
<i>C = composite see table 1 for composite graphings</i>																										
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035): <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs: <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals: <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI): <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6				
		DATE	TIME																							
139	C-SDNPE0.5'	7/27/23	1002	Soil	1	X																				
140	C-SE3.0'		1025																							
141	C-SDNPE3.0'		1026																							
142	C-27PE0.5'		0955																							
143	C-27PE3.0'		1000																							
144	C-28PE0.5'		1014																							
145	C-28PE3.0'		1018																							
146	C-15PE0.5'		1046																							
147	C-15PE3.0'		1059																							
148	C-29PE0.5'	✓	1106	✓	✓	✓																				
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date: 7/25/23		Time: 14:45												
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date:		Time:												
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date:		Time:												



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CHAIN OF CUSTODY RECORD

DATE: 7/25-7/27/23

PAGE: 16 OF 20

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LABORATORY CLIENT:						CLIENT PROJECT NAME / NUMBER						P.O. NO.:												
ADDRESS: <i>See page</i>												PROJECT CONTACT: <i>[Signature]</i>						SAMPLER(S): (PRINT)						
CITY: <i>See page</i> STATE: <i>See page</i> ZIP: <i>See page</i>						TEL:						E-MAIL:												
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):												REQUESTED ANALYSES												
<input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD												Please check box or fill in blank as needed.												
<input type="checkbox"/> COELT EDF GLOBAL ID: _____ LOG CODE: _____						<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO <input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44 BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/> VOCs (8260) Oxygenates (8260) Prep (5035): <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core SVOCs (8270) Pesticides (8081) PCBs (8082) PAHs: <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM T22 Metals: <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X Cr(VI): <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6						SPECIAL INSTRUCTIONS: <i>C = Composite See table 1 for composite groupings</i>						Unpreserved Preserved Field Filtered						
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035): <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs: <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals: <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI): <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6			
		DATE	TIME																					
149	C-29E3.0'	7/27/23	1112	Soil	1	X																		
150	C-20E0.5'		1137																					
151	C-20E3.0'		1141																					
152	C-11E0.5'		1253																					
153	C-11E3.0'		1301																					
154	C-19E0.5'		1241																					
155	C-19E3.0'		1241																					
156	C-18E0.5'		1300																					
157	C-18E3.0'		1303																					
158	C-12E0.5'		1322																					
Relinquished by: (Signature) <i>[Signature]</i>						Received by: (Signature/Affiliation) <i>[Signature]</i>						Date: 7/28/23			Time: 14:45									
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date:			Time:									
Relinquished by: (Signature)						Received by: (Signature/Affiliation)						Date:			Time:									

CHAIN OF CUSTODY RECORD

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Instruction: Complete all shaded areas.

Method of Transport		Sample Conditions Upon Receipt					
		Condition		Condition			
		Y	N	Y	N		
<input type="checkbox"/> Client	<input type="checkbox"/> ATL	1. CHILLED	<input type="checkbox"/>	<input type="checkbox"/>	5. # OF SAMPLES MATCH COC	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	2. HEADSPACE (VDA)	<input type="checkbox"/>	<input type="checkbox"/>	6. PRESERVED	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> GSO		3. CONTAINER INTACT	<input type="checkbox"/>	<input type="checkbox"/>	7. COOLER TEMP, deg C:		
<input type="checkbox"/> Other: _____		4. SEALED	<input type="checkbox"/>	<input type="checkbox"/>			

CUSTOMER	Company: PLACEWORKS	Address: _____	Tel: _____
	Attn: _____	City: _____	State: _____ Zip: _____ Fax: _____
	SEND REPORT TO: _____	SEND INVOICE TO: _____	<input type="checkbox"/> same as SEND REPORT TO
	Attn: _____ Email: _____	Attn: _____ Email: _____	
Company: _____	Company: _____		
Address: <i>See page</i>	Address: _____		
City: _____	City: _____	State: _____ Zip: _____	State: _____ Zip: _____

ITEM	Lab No.	Sample Description	Encircle or Write Requested Analysis											Encircle Sample Matrix			Container #	QA/QC			
			8260 / 624 (Volatiles)	8015 (GRO)	8015 (DRO)	8270 (Semi-volatiles)	8081 (Organochlorine Pesticides)	8082 (PCBs)	6010 / 7000 (Title 22 Metals)	TO-15	60106 Pb + As	SOIL / SEDIMENT / SLUDGE	SOLIDS / WIPE / FILTER	WATER - DRINKING / GROUND	WATER - STORM / WASTE	LIQUEOUS / FLAVORED - OIL			TAT	Remarks	
1	189	C-30065																	151	4	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Caltrans <input type="checkbox"/> Legal <input type="checkbox"/> RWQCB <input type="checkbox"/> Level IV
2	190	EB072723																	141	4	
3	191	EB072623																	34 1/2	3/4	
4																					
5																					
6																					
7																					
8																					
9																					
10																					

TERMS

1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM.
 2. Samples Submitted AFTER 3:00 PM, are considered received the following Business day at 8:00 AM.
 3. The following turnaround time conditions apply:
 TAT = 0: 300% Surcharge SAME BUSINESS DAY if received by 9:00 AM
 TAT = 1: 100% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)
 TAT = 2: 50% Surcharge 2ND BUSINESS DAY (COB 5:00 PM)
 TAT = 3: 30% Surcharge 3RD BUSINESS DAY (COB 5:00 PM)
 TAT = 4: 20% Surcharge 4TH BUSINESS DAY (COB 5:00 PM)
 TAT = 5: NO SURCHARGE 5th BUSINESS DAY (COB 5:00 PM)
 4. Weekend, holiday, after-hours work - ask for quote.
 5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective to the subcontract lab --- ask for quote.
 6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.
 7. Electronic records maintained for five (5) years from report date.
 8. Hard copy reports will be disposed of after 45 calendar days from report date.
 9. Storage and Report Fees:
 - Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$2/sample/month if extended storage or hold is requested.
 - Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20/ sample/week if extended storage is requested.
 - Hard copy and regenerated reports/EDDs: \$17.50 per hard copy report requested; \$50.00 per regenerated/reforma? ed report; \$35 per reprocessed EDD.
 10. Rush TCLP/STLC samples: add 2 days to analysis TAT for extraction on procedure.
 11. Unanalyzed samples will incur a disposal fee of \$7 per sample.

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

 Submitter Print Name

 Signature

CUSTODY	Relinquished by: (Signature and Printed Name)	Date: <u>7/28/23</u>	Time: <u>14:45</u>	Received by: (Signature and Printed Name)	Date: <u>7/28/23</u>	Time: <u>17:45</u>
	Relinquished by: (Signature and Printed Name)	Date: _____	Time: _____	Received by: (Signature and Printed Name)	Date: _____	Time: _____
	Relinquished by: (Signature and Printed Name)	Date: _____	Time: _____	Received by: (Signature and Printed Name)	Date: _____	Time: _____

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

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A Organochlorine Pesticides	EPA 8082 Polychlorinated Biphenyls	EPA 6010B Arsenic	EPA 6010B Lead
A-1, A-2, A-3, A-4	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C		2D (A-1, A-3)	2D (A-1, A-3)
A-1 DUP, A-2 DUP, A-3 DUP, A-4 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate	C DUP		D DUP (A-1 DUP)	3D DUP (A-1 DUP, A-2 DUP, A-3 DUP)
A-5, A-6, A-9, A-10	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C		2D (A-5, A-10)	2D (A-5, A-10)
A-7, A-11, A-12, A-16	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C		2D (A-11, A-16)	2D (A-11, A-16)
A-8, A-13, A-17, A-20	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C		2D (A-8, A-17)	2D (A-8, A-17)
A-14, A-15, A-18, A-19	0' - 0.5' 2.5' - 3.0'	Former Agriculture	C		2D (A-14, A-19)	2D (A-14, A-19)
B-1, B-2, B-3	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		2D (B-2, B-3)		2D (B-2, B-3)
B-1 DUP, B-2 DUP, B-3 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate				
B-4	0' - 0.5' 2.5' - 3.0'	Former Building Predating 1978		D		D
B-4 DUP	0' - 0.5' 2.5' - 3.0'	Duplicate		D DUP		
B-5, B-6, B-7	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		2D (B-6, B-7)		2D (B-6, B-7)
B-8, B-9, B-12	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		2D (B-8, B-9)		2D (B-8, B-9)
B-10	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		D		D
B-11, B-13, B-14	0' - 0.5' 2.5' - 3.0'	Former Building Predating 1978		2D (B-13, B-14)		2D (B-13, B-14)
B-15, B-16, B-17	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		2D (B-15, B-16)		2D (B-15, B-16)
B-22, B-23, B-25	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978				
B-24, B-26, B-27	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978				
B-28	0' - 0.5' 2.5' - 3.0'	Existing Building Predating 1978		D		D
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		
T-3	0' - 0.5' 2.5' - 3.0'	Pole-Mounted Transformer		D		
2 EB	NA	Quality Control	EB	2D	1D	2D
TOTAL			15	16 2 DUP, 2 EB	10 D, 1 EB, 2 EB	23 D, 2 DUP, 2 EB

Notes:
 Only 5 lead samples are proposed for northern building because of widespread hardscape on the western side of the structure.
 Only 1 lead sample is proposed for administration building because of widespread hardscape completely surrounding the structure.
 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.

additional
αPs
Composite
grabbing
 COMP: C-1E0.5, C-2E0.5, C-3E0.5'
 COMP: C-1E3.0, C-2E3.0, C-3E3.0'
 COMP: C-4E0.5, C-6E0.5, C-10E0.5'
 COMP: C-4E3.0, C-6E3.0, C-10E3.0'
 COMP: C-5E0.5, C-7E0.5'
 COMP: C-5DUP0.5, C-7DUP0.5'
 COMP: C-5E3.0, C-7E3.0'
 COMP: C-5DUP3.0, C-7DUP3.0'
 COMP: C-8E0.5, C-9E0.5'
 COMP: C-8DUP0.5, C-9DUP0.5'
 COMP: C-11E0.5, C-12E0.5, C-13E0.5'
 COMP: C-11E3.0, C-12E3.0, C-13E3.0'
 COMP: B-11E0.5, C-15E0.5, C-16E0.5'
 COMP: B-11E3.0, C-15E3.0, C-16E3.0'

COMP: C-14E0.5, C-17E0.5, C-20E0.5'
 COMP: C-14E3.0, C-17E3.0, C-20E3.0'
 COMP: C-18E0.5, C-19E0.5'
 COMP: C-18E3.0, C-19E3.0'
 COMP: C-21E0.5, C-22E0.5'
 COMP: C-21E3.0, C-22E3.0'
 COMP: C-23E0.5, C-24E0.5'
 COMP: C-23E3.0, C-24E3.0'
 COMP: C-25E0.5, C-26E0.5'
 COMP: C-25E3.0, C-26E3.0'
 COMP: C-27E0.5, C-28E0.5'
 COMP: C-27E3.0, C-28E3.0'
 COMP: C-29E0.5, C-30E0.5, C-31E0.5'
 COMP: C-29E3.0, C-30E3.0, C-31E3.0'

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-146759-2

Login Number: 146759

List Source: Eurofins Calscience

List Number: 1

Creator: Thompson, Lori

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	Sample compositing requested.
Residual Chlorine Checked.	N/A	



	A	B	C	D	E	F	G	H	I	J	K	L
1	UCL Statistics for Uncensored Full Data Sets											
2												
3	User Selected Options											
4	Date/Time of Computation			ProUCL 5.2 12/13/2023 3:48:35 PM								
5	From File			Lead UCL.xls								
6	Full Precision			OFF								
7	Confidence Coefficient			95%								
8	Number of Bootstrap Operations			2000								
9												
10												
11	Lead											
12												
13	General Statistics											
14	Total Number of Observations				29		Number of Distinct Observations				25	
15							Number of Missing Observations				0	
16	Minimum				5.36		Mean				16.17	
17	Maximum				59.3		Median				13.4	
18	SD				9.802		Std. Error of Mean				1.82	
19	Coefficient of Variation				0.606		Skewness				3.419	
20												
21	Normal GOF Test											
22	Shapiro Wilk Test Statistic				0.619		Shapiro Wilk GOF Test					
23	1% Shapiro Wilk Critical Value				0.898		Data Not Normal at 1% Significance Level					
24	Lilliefors Test Statistic				0.267		Lilliefors GOF Test					
25	1% Lilliefors Critical Value				0.189		Data Not Normal at 1% Significance Level					
26	Data Not Normal at 1% Significance Level											
27												
28	Assuming Normal Distribution											
29	95% Normal UCL						95% UCLs (Adjusted for Skewness)					
30	95% Student's-t UCL				19.26		95% Adjusted-CLT UCL (Chen-1995)				20.4	
31							95% Modified-t UCL (Johnson-1978)				19.46	
32												
33	Gamma GOF Test											
34	A-D Test Statistic				1.918		Anderson-Darling Gamma GOF Test					
35	5% A-D Critical Value				0.748		Data Not Gamma Distributed at 5% Significance Level					
36	K-S Test Statistic				0.2		Kolmogorov-Smirnov Gamma GOF Test					
37	5% K-S Critical Value				0.163		Data Not Gamma Distributed at 5% Significance Level					
38	Data Not Gamma Distributed at 5% Significance Level											
39												
40	Gamma Statistics											
41	k hat (MLE)				4.958		k star (bias corrected MLE)				4.468	
42	Theta hat (MLE)				3.261		Theta star (bias corrected MLE)				3.619	
43	nu hat (MLE)				287.6		nu star (bias corrected)				259.1	
44	MLE Mean (bias corrected)				16.17		MLE Sd (bias corrected)				7.649	
45							Approximate Chi Square Value (0.05)				222.9	
46	Adjusted Level of Significance				0.0407		Adjusted Chi Square Value				220.9	
47												
48	Assuming Gamma Distribution											
49	95% Approximate Gamma UCL				18.8		95% Adjusted Gamma UCL				18.97	
50												
51	Lognormal GOF Test											
52	Shapiro Wilk Test Statistic				0.876		Shapiro Wilk Lognormal GOF Test					

	A	B	C	D	E	F	G	H	I	J	K	L
53			10% Shapiro Wilk Critical Value			0.937		Data Not Lognormal at 10% Significance Level				
54			Lilliefors Test Statistic			0.172		Lilliefors Lognormal GOF Test				
55			10% Lilliefors Critical Value			0.148		Data Not Lognormal at 10% Significance Level				
56	Data Not Lognormal at 10% Significance Level											
57												
58	Lognormal Statistics											
59			Minimum of Logged Data			1.679				Mean of logged Data		2.679
60			Maximum of Logged Data			4.083				SD of logged Data		0.423
61												
62	Assuming Lognormal Distribution											
63			95% H-UCL			18.52				90% Chebyshev (MVUE) UCL		19.73
64			95% Chebyshev (MVUE) UCL			21.48				97.5% Chebyshev (MVUE) UCL		23.9
65			99% Chebyshev (MVUE) UCL			28.67						
66												
67	Nonparametric Distribution Free UCL Statistics											
68	Data do not follow a Discernible Distribution											
69												
70	Nonparametric Distribution Free UCLs											
71			95% CLT UCL			19.16				95% BCA Bootstrap UCL		20.67
72			95% Standard Bootstrap UCL			19.14				95% Bootstrap-t UCL		22.79
73			95% Hall's Bootstrap UCL			33.41				95% Percentile Bootstrap UCL		19.43
74			90% Chebyshev(Mean, Sd) UCL			21.63				95% Chebyshev(Mean, Sd) UCL		24.1
75			97.5% Chebyshev(Mean, Sd) UCL			27.53				99% Chebyshev(Mean, Sd) UCL		34.28
76												
77	Suggested UCL to Use											
78			95% Student's-t UCL			19.26						
79												
80	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
81	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
82	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
83												

Appendix

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Appendix D. IDW Action

TECHNICAL MEMORANDUM

DATE August 30, 2023

TO Department of Toxic Substances Control

ADDRESS 8800 Cal Center Drive, Sacramento, CA 95826-3200

CONTACT Letitia Shen

FROM Michael Watson, PG

SUBJECT Nicholas Elementary School Rebuild Project Technical Memorandum Workplan (Site Code: 104896)

PROJECT NUMBER SCUS-07.0

BACKGROUND

PlaceWorks is submitting this revised Technical Memorandum (Tech Memo) to the Department of Toxic Substances Control (DTSC) as a supplement to the approved Preliminary Environmental Assessment Workplan for the proposed Nicholas Elementary School Rebuild Project at 6601 Steiner Drive in the Parkway community of unincorporated Sacramento County (Figures 1-3). The soil sampling conducted at Nicholas Elementary School will be performed in accordance with the Quality Assurance Project Plan (QAPP), Sampling and Analysis Plan (SAP), and Health and Safety Plan (HASP) which are described in the PEA Workplan PlaceWorks previously prepared and submitted to the DTSC a revised Preliminary Environmental Assessment Workplan on behalf of Sacramento City Unified School District (District) received by the DTSC on July 19, 2023. On July 24, 2023, the DTSC approved the Workplan. From July 25 through July 27, PlaceWorks implemented the PEA Workplan in concert with additional DTSC recommendations in the field. Based on the laboratory results from this effort, one location (A-15) had an elevated lead concentration of 292 milligrams per kilogram (mg/kg), above the DTSC lead screening level of 80 mg/kg. Based on this result, DTSC requested a Tech Memo workplan for a step-out and step-down sampling surrounding A-15.

SITE DESCRIPTION

The project site is located on the current school's parcel which is associated with the assessor parcel number (APN) 039-0133-011-0000. The District proposes to rebuild the Nicholas Elementary School campus within the boundary of the 10.1-acre project site. The District plans to seek matching state funds in the construction of the school.

SITE HISTORY

The project site historically had been used for grass crops from at least 1937 until about 1957. Nicholas Elementary School campus was built in 1962. Currently, the project site is occupied by the current Nicholas Elementary School buildings.

To address the elevated lead found at A-15 on the eastern portion of the project site, PlaceWorks recommended that step-out and step-down sampling be implemented to determine how much soil should be excavated at the site and transported off-site following lawful disposal as non-hazardous, non-RCRA (State) hazardous or RCRA hazardous waste. Given the unusual location of the elevated lead and lack of former structures in the vicinity, it is not expected that the volume of soil that is needed to be removed would rise to the amount that would require the preparation of a removal action workplan, but DTSC will be fully informed on the events included within this tech memo throughout the process and no soil will be removed until the proposed volume of soil has been verified and approved by DTSC. The DTSC requested the preparation of this tech memo to lay out the sampling strategy and to better delineate the extent of lead impacted soil. The area that needs to be delineated is within a formerly watered grass playfield and is planned to be removed following DTSC approval of the PEA Report. PlaceWorks is proposing to implement the step-out sampling in early September following the approval of this Tech Memo and PlaceWorks will provide DTSC with advance notice prior to the start of fieldwork.

Objectives

The overall objectives of this tech memo are to:

- Delineate the vertical and lateral extent where elevated lead was found and not adequately delineated in the PEA in order to determine the volume of lead-impacted soil.
- Estimate the potential threat to public health and/or the environment posed by hazardous constituents, if any, at the project site using a residential land-use scenario.

Possible outcomes of the PEA decision include, but are not limited to, the requirement for further investigation; the need to perform a Removal Action if localized impacts by hazardous substances release(s) are found; implementation of mitigation actions to address any potential risks; and an issuance of a “No Further Action” (NFA) finding if the site is found not to be significantly impacted and risks to human health and the environment are found to be within acceptable levels based on the conservative screening-level risk assessment.

The following sampling strategy is based on the PEA laboratory results received thus far and comments received on the laboratory report from the DTSC.

Field Sampling Plan

The step-out investigation activities proposed are outlined in the following sections. The proposed soil sampling and analysis program is summarized in Table 1. The sampling locations collected in July 2023 are shown on Figure 4, and the proposed step-out and step-down locations are depicted on Figure 5. Soil samples will be analyzed in the field by a calibrated x-ray fluorescence (XRF) analyzer for lead, followed by an analytical laboratory accredited by the California Department of Public Health (CDPH) Environmental Laboratory Accreditation Program (ELAP) for lead by EPA Method 6010B. A conceptual site model is provided in Figure 6.

FIELD SAMPLING METHOD

Soil samples are proposed to be collected to delineate the area of elevated lead identified in the PEA. Soil samples will be collected in general accordance with the PEA Guidance Manual (DTSC 2015). Adjacent to the original A-15 location, a boring (A-15A) will be advanced and soil samples will be collected at surface to 0.5 feet below ground surface (bgs), 1.0 feet bgs, 2.0 feet bgs, and 3.0 feet bgs. The 0.5-foot and 1.0-foot samples

will be analyzed using the hand-held XRF analyzer for lead, and the samples will be containerized for laboratory analysis of lead by EPA Method 6010B. For A-15A, if the 1.0-foot sample exceeds the DTSC lead screening level of 80 mg/kg, the next deepest sample will be analyzed for lead by XRF until a sample can be obtained that does not exceed 80 mg/kg. The samples at A-15A analyzed for lead by XRF will also be analyzed for lead by EPA Method 6010B. The sample location A-15A is the only one proposed to be advanced to 3.0 feet bgs regardless of the XRF sample results. For the remaining step-out locations, soil samples are proposed to be collected at surface to 0.5 feet bgs and 0.5 to 1.0 feet bgs. Both sample depths will be analyzed for lead by XRF, but if both samples do not exceed the DTSC screening level of 80 mg/kg for lead, only the 0.5-foot sample will be analyzed for lead by EPA Method 6010B. However, if the 1.0-foot sample exceeds the DTSC screening level of 80 mg/kg for lead, an additional soil sample will be collected at 1.5 to 2.0 feet bgs and analyzed for lead by XRF. If the 2.0-foot sample exceeds the DTSC screening level of 80 mg/kg for lead, an additional sample will be collected at 2.5 to 3.0 feet bgs and analyzed for lead by XRF. If the 3.0-foot sample still exceeds 80 mg/kg for lead, DTSC will be consulted for next steps. In addition, the adjacent surrounding locations should have samples collected at equal depths to the location that has elevated lead to verify that the impacts do not extend laterally toward those directions. These additional samples will also be analyzed for lead by EPA Method 6010B and compared to the 80 mg/kg screening level.

Prior to initiating field work, the investigation area will be marked, and Underground Service Alert (USA) will be notified at least 48 hours prior to initiation of intrusive field tasks. All utility owners of record, or their designated agents, are expected to clearly mark the position of their utilities on the ground surface.

Soil sampling on the school campus will be conducted using a hand auger. The hand auger will be advanced from the surface to the target depth of each sample interval. Soil from each sample interval will be emptied from the hand auger barrel into a certified pre-cleaned glass jar from the laboratory and sealed. Each soil sample will be labeled with the sample number, sample depth, and the date and time the sample was collected. Samples will be immediately placed in an ice-filled cooler and listed on a chain-of-custody form. Any observation pertaining to potential soil contamination or soil source will be recorded. The samples will be transported to the analytical laboratory at the end of the sampling day or the following morning via ground transportation.

As conditions in the field may vary, it may become necessary to implement minor modifications to sampling as presented in this Tech Memo Workplan. Modifications to the approved plan will be documented in the PEA Report.

The QA/QC Program will be 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. Quality control samples will be collected in the field including duplicate samples and equipment rinseate blanks. The data for these quality control samples will be reviewed as part of the data validation process, along with results from laboratory quality control analyses. Data validation will be performed in compliance with DTSC's PEA Guidance Manual, using protocols consistent with the USEPA National Functional Guidelines (DTSC 2015). The Quality Assurance Project Plan included in Appendix D of the DTSC-approved PEA Workplan shall be followed. In addition, all fieldwork shall be conducted in accordance with the Health and Safety Plan included in Appendix C of the DTSC-approved PEA Workplan.

DTSC will be consulted with the laboratory results and will be involved prior to any "housekeeping" removal of soil is proposed. An estimated volume of soil will be provided by PlaceWorks using the data obtained from the implementation of this tech memo.

Baseline Risk Assessment Workplan

For the Risk Assessment portion of the PEA Report, PlaceWorks will conduct a comparison of collected data against the Residential Screening Levels (RSL) as an initial screening as outlined in Human Health Risk Assessment (HHRA) Note 3 dated June 2020 (updated in May 2022) (DTSC 2022a). U.S. EPA Region 9 Screening Levels will be used for chemicals not listed in DTSC's Note 3 (USEPA 2023). The screening level risk assessment will be performed as described in DTSC's PEA Guidance Manual (DTSC 2015) and HHRA Note 4 dated March 29, 2022 (DTSC 2022b). LeadSpread 9 will be used to evaluate exposure and the potential for adverse health effects from exposure to lead at the site which includes the updated CalEPA incremental lead toxicity criterion of 1 microgram per deciliter (DTSC 2022c).

PEA Report

A draft PEA Report will be prepared for DTSC review, which will summarize the data and present the results of the sample analyses. The report will include a brief discussion of the Site background and environmental setting, field procedures, presentation of field observations and analytical results including laboratory reports, delineation of impacts in area of concern, and conclusions and recommendations. The field work is expected to take one day and the PEA Report will be provided in approximately four weeks after field work is completed. The PEA Report will be signed and stamped by a California Professional Geologist or California Professional Engineer.

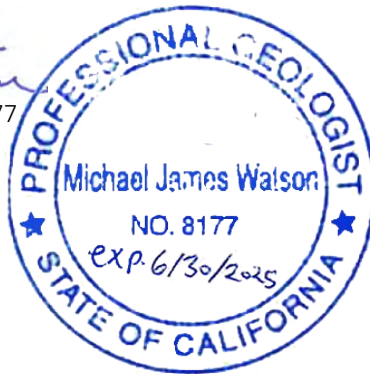
Sincerely,

PLACEWORKS



Michael Watson, PG 8177
Project Geologist

Enclosures



Bibliography

California Department of Toxic Substances Control (DTSC), 2015. Preliminary Endangerment Assessment Guidance Manual, January 1994, Interim Final – Revised October 2015.

— — —, 2022a. Human Health Risk Assessment (HRA) Note 3 dated June 2020, revised May 2022.

— — — 2022b. Human Health Risk Assessment Note 4 dated May 2019.

— — — 2022c. LeadSpread 9.

United States Environmental Protection Agency, 2023. Pacific Southwest Region 9. Regional Screening Levels (Formerly PRGs). Last updated May 2023.

Tables

Table 1 – Proposed Step-out and Step-down Sampling Program

Figures

Figure 1 – Regional Location

Figure 2 – Local Vicinity

Figure 3 – Aerial Photograph

Figure 4 – Proposed Sampling Locations from DTSC-approved PEA Workplan

Figure 5 – Step-out Locations

Figure 6 – Conceptual Site Model

TABLE 1
STEP-OUT AND STEP-DOWN SOIL SAMPLING AND ANALYSIS PROGRAM
Nicholas Elementary School Rebuild Project
Sacramento City Unified School District
Sacramento County, California

Sample Number	Depth (feet bgs)	Rationale	Lead by XRF	EPA 6010B Lead
A-15A	0' - 0.5'	Sample Adjacent to Original A-15 Location	D	D
	0.5' - 1.0'		D	D
	1.5' - 2.0'		*	-
	2.5' - 3.0'		*	-
A-15B	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
A-15B DUP	0' - 0.5'	Duplicate	D DUP	D DUP
	0.5' - 1.0'		D DUP	-
A-15C	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
A-15D	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
A-15E	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
A-15F	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
A-15G	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
A-15H	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
A-15I	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
A-15J	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
A-15K	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
A-15L	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
A-15L DUP	0' - 0.5'	Duplicate	D DUP	D DUP
	0.5' - 1.0'		D DUP	-
A-15M	0' - 0.5'	Step-out From A-15	D	D
	0.5' - 1.0'		D	-
EB	NA	Quality Control		D
TOTAL			26 D, 4 D DUP	14 D, 2 D DUP, 1 EB

Notes:

D = Discrete Sample; - Sample will be archived for possible future analysis; mg/kg = milligrams per kilogram; EB = equipment blank

* Sample will be analyzed for XRF if corresponding shallower sample exceeds the screening level for lead by XRF; DUP = duplicate

Field duplicates will be collected at a frequency of approximately 10 percent of the primary samples collected.

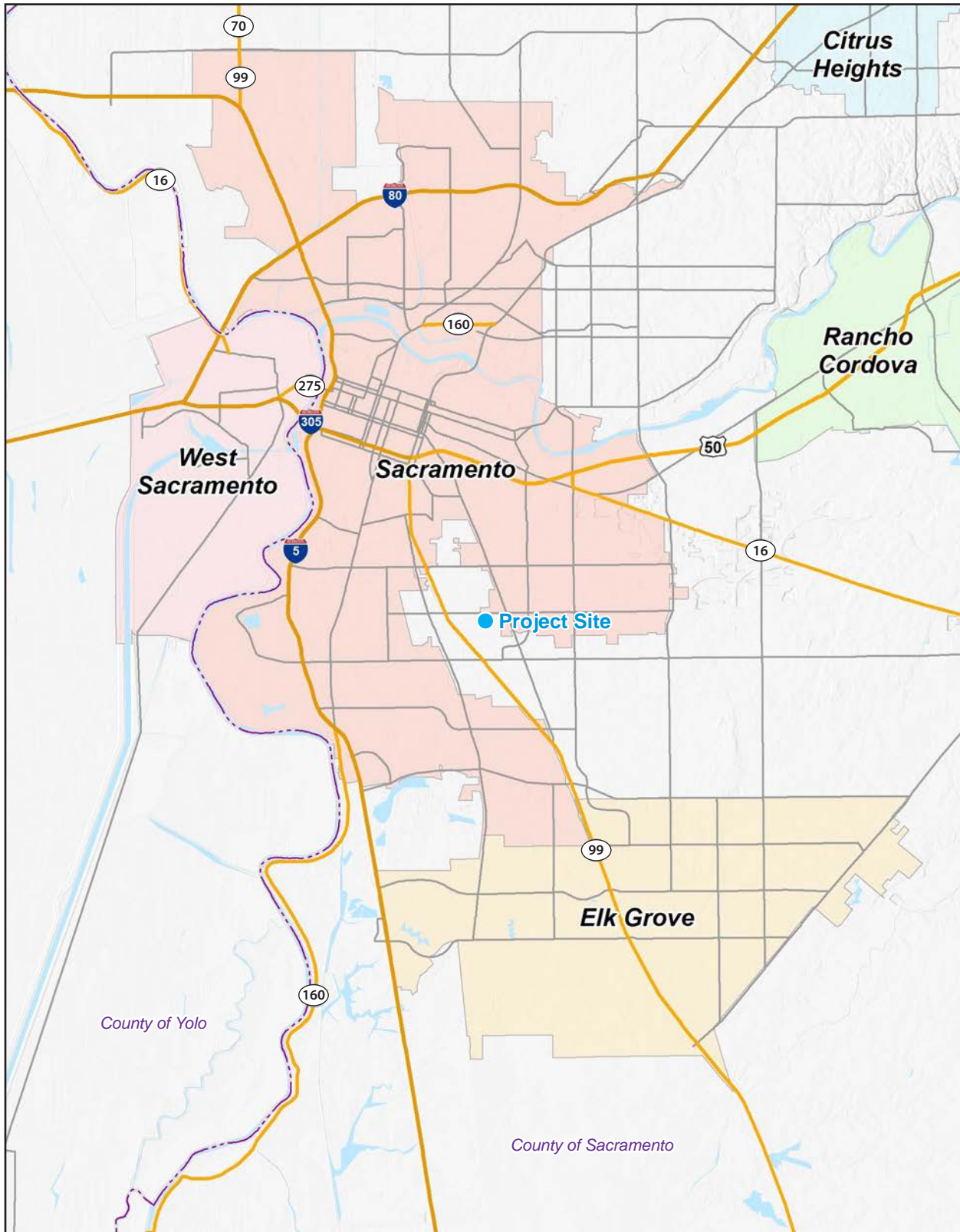
Equipment blanks will be collected at a frequency of one per day of field activities.

Samples from 0.5' and 1.0' depths will be analyzed with a calibrated x-ray fluorescence (XRF) analyzer for lead prior to packaging for laboratory submittal.

If the initial XRF results from 1.0' sample is above the screening level for lead (80 mg/kg), additional soil samples will be collected from 2.0' and 3.0' depths at that location. Additional sample depths may be required at adjoining sample locations.

XRF will be calibrated prior to initial use and recalibrated again for every 30 samples analyzed or portion thereof.

Figure 1 - Regional Location

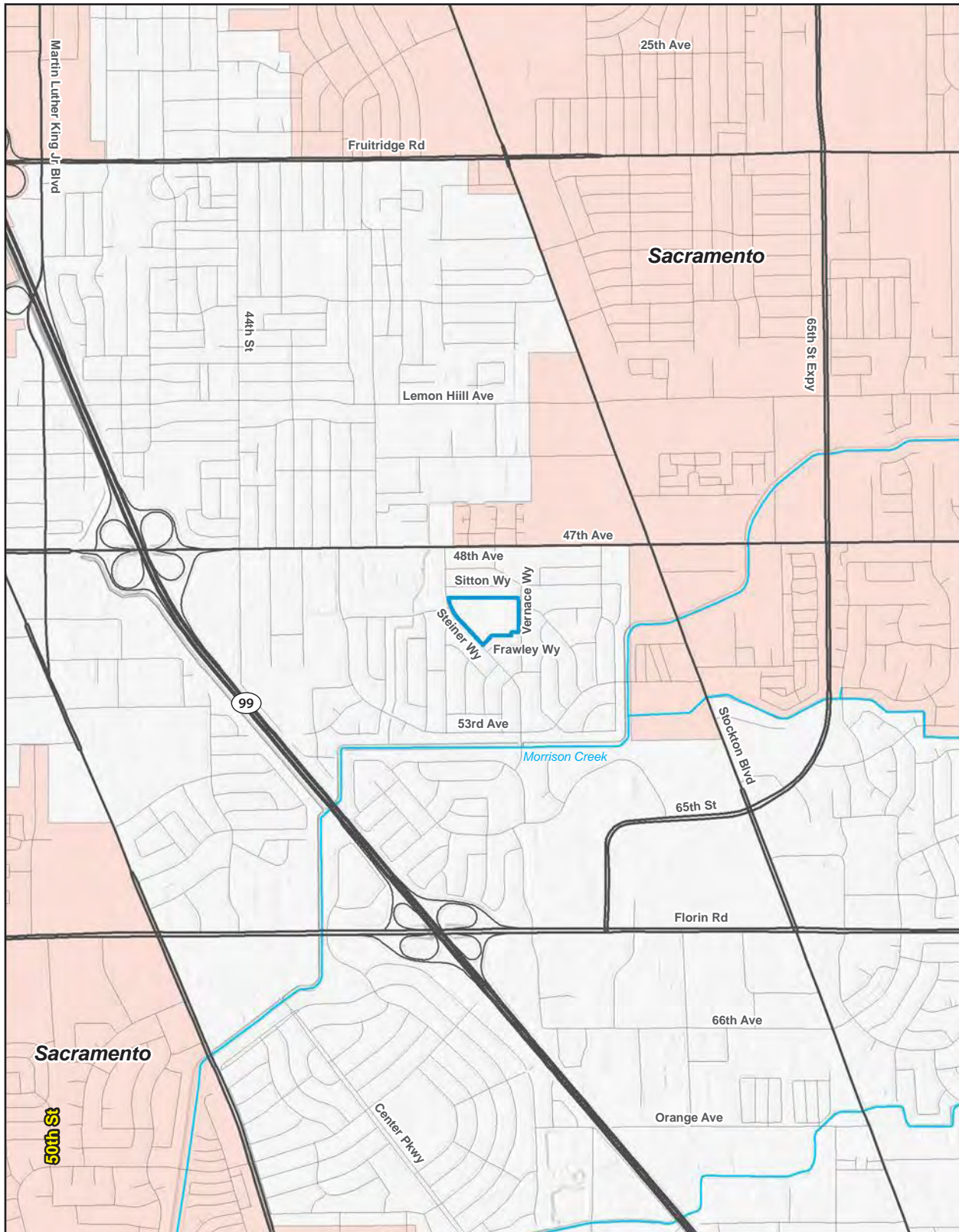



Note: Unincorporated county areas are shown in white.

Source: Generated using ArcMap, Inc., 2023.



Figure 2 - Local Vicinity



 Nicholas Elementary School Boundary

Note: Unincorporated county areas are shown in white.

Source: Generated using ArcMap, Inc., 2023.

0 2,000
Scale (Feet)



Figure 3 - Aerial Photograph



- Nicholas Elementary School Boundary
- California American Water-Owned Facility







0 270
Scale (Feet)




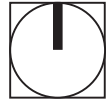
Source: Nearmap, Inc., 2023.

Figure 4 - Proposed Sampling Locations from DTSC-approved PEA Workplan



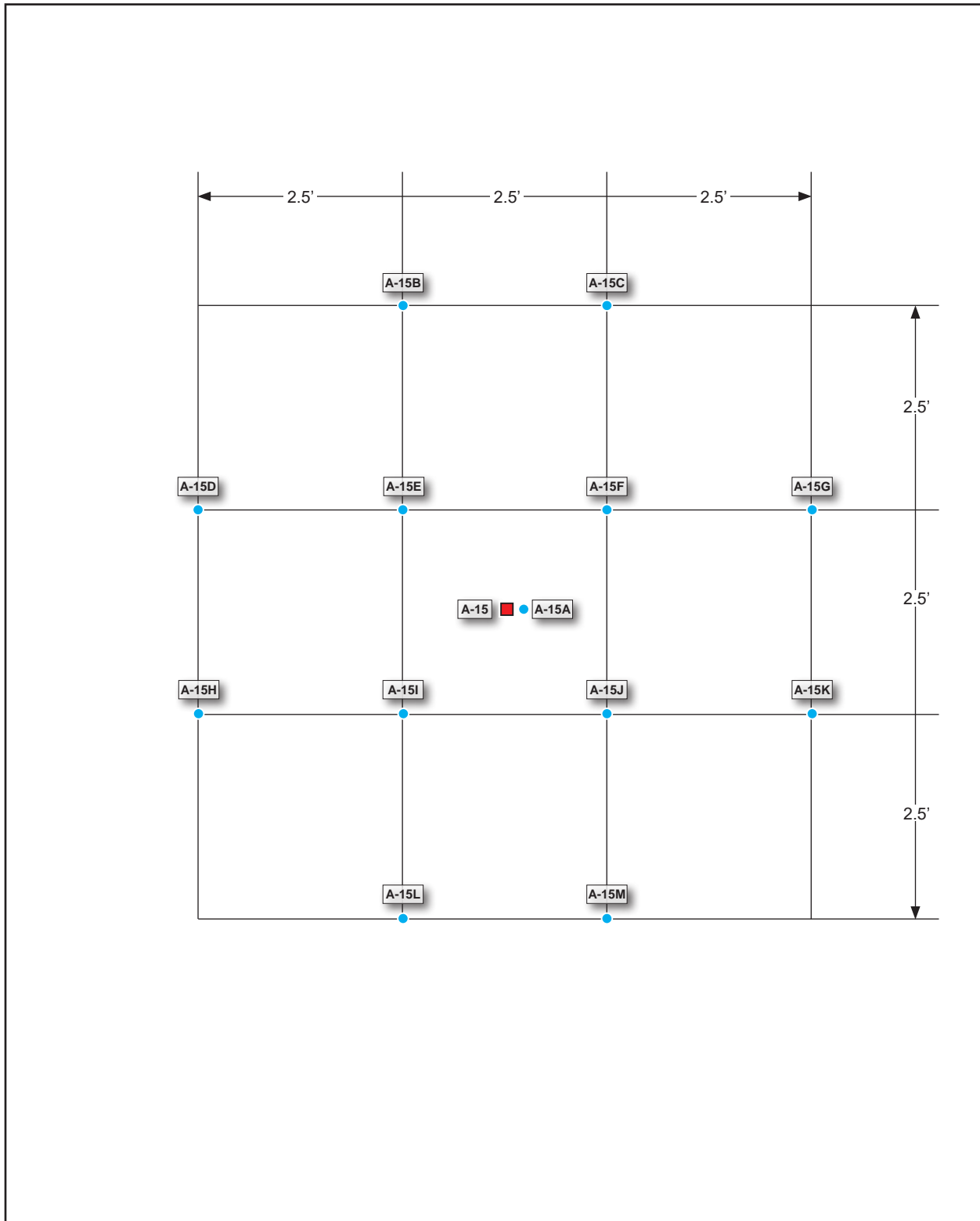
 Nicholas Elementary School Boundary	 A-X Agricultural Sampling Locations (20)	 Transformers (3)
 California American Water-Owned Facility	 B-X Building Sampling Locations (28)	 T-X Transformer Sampling Locations (3)

0  140
Scale (Feet)

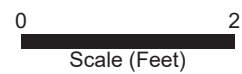


Source: Nearmap, Inc., 2023.

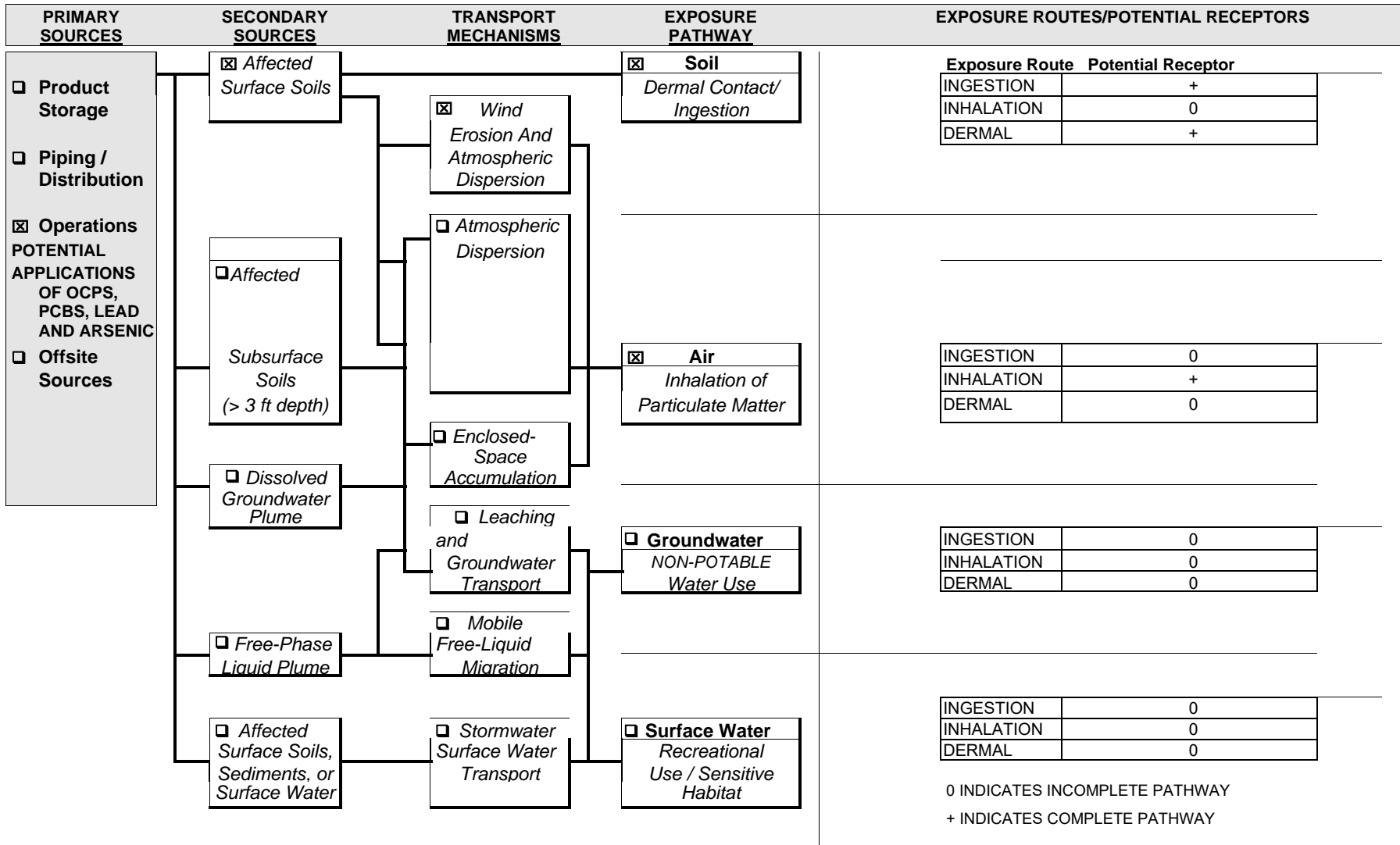
Figure 5 - Step-out Locations



- **A-15** Original Agricultural Sample Location (1)
- **A-15X** Step-out Sample Locations (13)



Nicholas Elementary School Rebuild Project
 Sacramento City Unified School District
 Sacramento County, California





Yana Garcia
Secretary for
Environmental Protection



Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
8800 Cal Center Drive
Sacramento, California 95826-3200



Gavin Newsom
Governor

Sent Via Electronic Mail

September 12, 2023

Mr. Chris Ralston
Director III Facilities Management
Sacramento City Unified School District
425 1st Avenue
Sacramento, CA 95818
Chris-Ralston@scusd.edu

DTSC APPROVAL - TECHNICAL MEMORANDUM WORKPLAN, SACRAMENTO CITY UNIFIED SCHOOL DISTRICT, NICHOLAS ELEMENTARY SCHOOL REBUILD PROJECT, 6601 STEINER DRIVE, SACRAMENTO, SACRAMENTO COUNTY, CALIFORNIA 95823 (SITE CODE: 104896)

Dear Mr. Ralston:

The Department of Toxic Substances Control (DTSC) reviewed the revised *Technical Memorandum Workplan, Preliminary Environmental Assessment (PEA) Workplan* (PEA Tech Memo – PlaceWorks, August 30, 2023) received electronically on August 30, 2023.

Between July 25, 2023 and July 27, 2023, PlaceWorks implemented the DTSC approved PEA Workplan, dated July 19, 2024. Based on the laboratory results of near surface soil samples, one location (A-15) exhibited an elevated concentration of lead at 292 milligrams per kilogram (mg/kg), which is above the DTSC lead screening level of 80 mg/kg. Based on this, the PEA Tech Memo was prepared to propose additional step-out and step-down soil samples for analyses of lead around sample location A-15.

The PEA Tech Memo was revised in response to DTSC's comments on a previous version of the document; our comments were forwarded to Placeworks and the Sacramento City Unified School District (District) in an email dated August 30, 2023. DTSC determined that our comments have been adequately addressed in this revised PEA Tech Memo and provided verbal approval on September 11, 2023, to implement proposed additional sampling at the Site. This letter serves as DTSC's official response and documents that the revised PEA Tech Memo is hereby approved. Please provide

September 12, 2023
Mr. Chris Ralston
Page 2

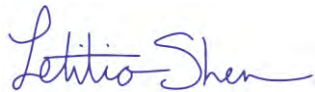
DTSC with a hard copy of the PEA Tech Memo within five (5) working days from the date of this letter.

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,

A handwritten signature in blue ink that reads "Letitia Shen".

Letitia Shen
Project Manager
Northern California Schools Unit
Site Mitigation and Restoration Program
Department of Toxic Substances Control

cc: (next page)

cc: (via email)

Mr. Nathaniel Browning
Special Assistant to the Board
Sacramento City Unified School District
Nathaniel-Browning@scusd.edu

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Project Manager II
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Peter Ruttan, PG, Acting Chief
Northern California Schools Unit
Site Mitigation and Restoration Program
Department of Toxic Substances Control
Peter.Ruttan@dtsc.ca.gov

TECHNICAL MEMORANDUM

DATE October 24, 2023

TO Department of Toxic Substances Control

ADDRESS 8800 Cal Center Drive, Sacramento, CA 95826-3200

CONTACT Letitia Shen, Hazardous Substances Engineer

FROM Dr. Cathleen Fitzgerald, P.E.

SUBJECT Technical Memorandum No. 2 - Nicholas Elementary School Rebuild Project – Investigative Derived Waste Plan (Site Code: 104896)

PROJECT NUMBER SCUS-07.0

This tech memo describes the additional activities planned at the proposed Nicholas Elementary School Rebuild Project at 6601 Steiner Drive in the Parkway community of unincorporated Sacramento County. 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 revised Preliminary Environmental Assessment Workplan on behalf of Sacramento City Unified School District received by the DTSC on July 19, 2023. On July 24, 2023, the DTSC approved the Workplan. From July 25 through July 27, PlaceWorks implemented the PEA Workplan in concert with additional DTSC recommendations in the field.

Based on the laboratory results from this effort, the soil sample at one location (A-15) had an elevated lead concentration of 292 milligrams per kilogram (mg/kg), above the DTSC lead screening level of 80 mg/kg. Based on this result, DTSC requested a Tech Memo workplan for a step-out and step-down sampling surrounding A-15. The step-out and step-down sampling program was approved by DTSC and implemented on September 18, 2023.

Only sample A-15A, which was located next to the original sample, had elevated lead concentrations at 0.5 foot below ground surface (bgs) and 2.0 feet bgs. The lead concentrations were 207 mg/kg and 123 mg/kg. These two samples were subsequently analyzed by Eurofins Laboratory for STLC and TCLP concentrations. The results are summarized in Table 1 and the laboratory results

are provided in Attachment A. The TCLP concentrations in both samples were below detection limits. However, the 0.5-foot sample had a STLC concentration of 12.3 mg/l, which is above the STLC limit of 5 mg/l. Therefore, the soil would be characterized as a California non-RCRA hazardous waste.

The area with the elevated lead concentration is within a formerly watered grass playfield and this tech memo provides the plan for excavation of this soil as an investigative derived waste.

Investigative Derived Waste Plan

The excavation limits are shown in Figure 1. Soil will be removed in the area where elevated concentrations of lead were detected under the direction of PlaceWorks field technician who is 40-hour HAZWOPER certified. The excavation will be approximately 2.5 feet by 2.5 feet by 3.5 feet deep. This would result in a volume of excavated soil of about 0.81 cubic yards. The excavated soil will be placed in DOT approved 55-gallon drums for transport and off-site disposal. It is estimated that the impacted soil will fill two to three drums. The location of the excavation will be secured and the excavation will be covered with a tarp or other means to prevent entry until the analytical results from the laboratory are received.

Soil samples will be collected from the bottom of the excavation and at a depth of 0.5 feet bgs at all four sidewall locations. The 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 waste soil will be properly profiled for the receiving facility and will be characterized as California non-RCRA hazardous waste. 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 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 – Excavation Limit

TABLE 1
SUMMARY TABLE FOR INVESTIGATIVE DERIVED WASTE PROGRAM
Proposed Nicholas Elementary School Rebuild
Sacramento City Unified School District
Sacramento County, California

Sample Number	Depth (feet bgs)	EPA 6010B Lead (mg/kg)	Sample Date
A-15A	0.5'	207	9/19/2023
	1.0'	66.2	9/19/2023
	2.0'	123	9/19/2023
	3.0'	8.13	9/19/2023
	3.5'	6.42	9/19/2023

Highlighted values exceed DTSC residential cleanup level of 80 mg/kg

Sample Number	Depth (feet bgs)	EPA 6010B Lead TCLP (mg/l)	Analysis Date
A-15A	0.5'	ND (<0.5)	10/20/2023
	2.0'	ND (<0.5)	10/20/2023

Soil not a Federal RCRA hazardous waste (<5 mg/l)

Sample Number	Depth (feet bgs)	EPA 6010B Lead STLC (mg/l)	Analysis Date
A-15A	0.5'	12.3	10/20/2023
	2.0'	4.41	10/20/2023

Exceeds the STLC threshold of 5 mg/l

Therefore, the soil is considered to be a California non-RCRA hazardous waste

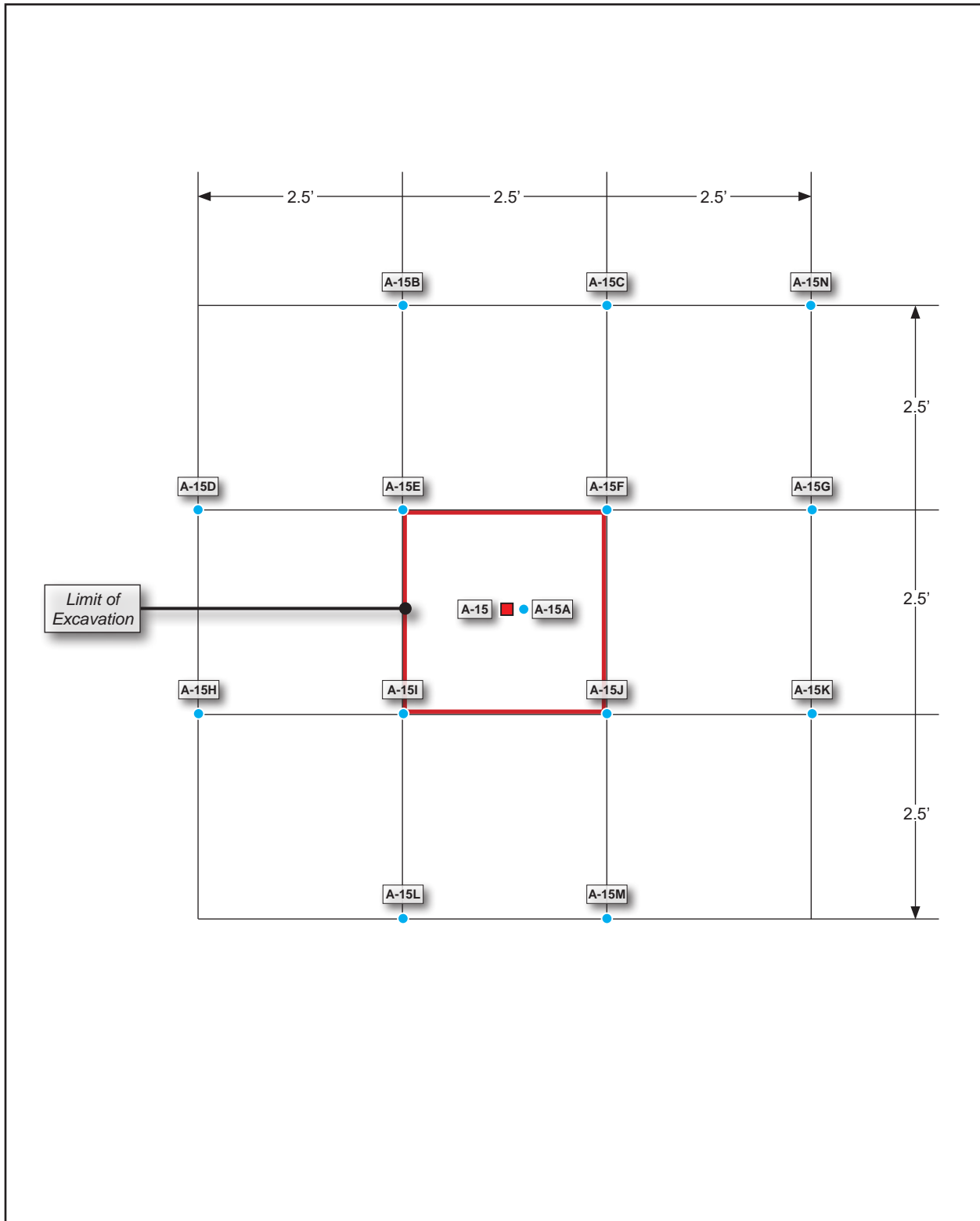
TABLE 2
SOIL SAMPLE CONFIRMATION TABLE
Proposed Nicholas Elementary School Rebuild
Sacramento City Unified School District
Sacramento County, California

Sample ID	Location	Depth (feet bgs)	EPA 6010B Lead (mg/kg)
A-15	Bottom	3.5'	D
	West sidewall	0.5'	D
	North sidewall	0.5'	D
	East sidewall	0.5'	D
	South sidewall	0.5'	D
EB			

Notes

D = Discrete primary sample; EB = Equipment Blank

Figure 1 - Excavation Limit



Source: PlaceWorks, 2023.

Attachment A

Laboratory Results



ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764
Generated 10/23/2023 3:23:09 PM

JOB DESCRIPTION

Nicholas Elementary School

JOB NUMBER

570-153389-2

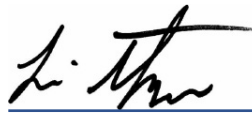
Eurofins Calscience

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



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

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10/23/2023 3:23:09 PM



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Definitions/Glossary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School

Job ID: 570-153389-2

Glossary

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

Case Narrative

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School

Job ID: 570-153389-2

Job ID: 570-153389-2

Laboratory: Eurofins Calscience

Narrative

Job Narrative 570-153389-2

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 9/20/2023 8:21 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 4.3°C

Metals

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

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School

Job ID: 570-153389-2

Client Sample ID: A-15A@0.5'

Lab Sample ID: 570-153389-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	12.3		1.00	mg/L	1		6010B	STLC Citrate

Client Sample ID: A-15A@2.0'

Lab Sample ID: 570-153389-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.41		1.00	mg/L	1		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

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- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School

Job ID: 570-153389-2

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

Client Sample ID: A-15A@0.5'
Date Collected: 09/19/23 07:42
Date Received: 09/20/23 08:21

Lab Sample ID: 570-153389-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.500	mg/L		10/20/23 12:18	10/20/23 21:44	1

Client Sample ID: A-15A@2.0'
Date Collected: 09/19/23 08:02
Date Received: 09/20/23 08:21

Lab Sample ID: 570-153389-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.500	mg/L		10/20/23 12:18	10/20/23 21:58	1

Client Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School

Job ID: 570-153389-2

Method: SW846 6010B - Metals (ICP) - STLC Citrate

Client Sample ID: A-15A@0.5'
Date Collected: 09/19/23 07:42
Date Received: 09/20/23 08:21

Lab Sample ID: 570-153389-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	12.3		1.00	mg/L		10/20/23 10:55	10/20/23 17:56	1

Client Sample ID: A-15A@2.0'
Date Collected: 09/19/23 08:02
Date Received: 09/20/23 08:21

Lab Sample ID: 570-153389-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.41		1.00	mg/L		10/20/23 10:55	10/20/23 17:58	1

QC Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School

Job ID: 570-153389-2

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-374991/1-B
Matrix: Solid
Analysis Batch: 376174

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 375701

Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.500	mg/L		10/20/23 12:18	10/20/23 21:34	1

Lab Sample ID: LCS 570-374991/2-B
Matrix: Solid
Analysis Batch: 376174

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 375701

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	2.00	1.917		mg/L		96	80 - 120

Lab Sample ID: LCSD 570-374991/3-B
Matrix: Solid
Analysis Batch: 376174

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 375701

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	2.00	1.953		mg/L		98	80 - 120	2	20

Lab Sample ID: 570-153389-1 MS
Matrix: Solid
Analysis Batch: 376174

Client Sample ID: A-15A@0.5'
Prep Type: TCLP
Prep Batch: 375701

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	ND		2.00	2.016		mg/L		95	84 - 120

Lab Sample ID: 570-153389-1 MSD
Matrix: Solid
Analysis Batch: 376174

Client Sample ID: A-15A@0.5'
Prep Type: TCLP
Prep Batch: 375701

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	ND		2.00	2.018		mg/L		95	84 - 120	0	7

Lab Sample ID: LB4 570-374716/1-B
Matrix: Solid
Analysis Batch: 375876

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 375654

Analyte	LB4 Result	LB4 Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	mg/L		10/20/23 10:55	10/20/23 17:22	1

Lab Sample ID: LCS 570-374716/2-B
Matrix: Solid
Analysis Batch: 375876

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate
Prep Batch: 375654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	20.0	18.63		mg/L		93	80 - 120

Lab Sample ID: LCSD 570-374716/3-B
Matrix: Solid
Analysis Batch: 375876

Client Sample ID: Lab Control Sample Dup
Prep Type: STLC Citrate
Prep Batch: 375654

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	20.0	18.58		mg/L		93	80 - 120	0	20

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QC Association Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School

Job ID: 570-153389-2

Metals

Leach Batch: 374716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-153389-1	A-15A@0.5'	STLC Citrate	Solid	CA WET Citrate	
570-153389-3	A-15A@2.0'	STLC Citrate	Solid	CA WET Citrate	
LB4 570-374716/1-B	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 570-374716/2-B	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 570-374716/3-B	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	

Leach Batch: 374991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-153389-1	A-15A@0.5'	TCLP	Solid	1311	
570-153389-3	A-15A@2.0'	TCLP	Solid	1311	
LB 570-374991/1-B	Method Blank	TCLP	Solid	1311	
LCS 570-374991/2-B	Lab Control Sample	TCLP	Solid	1311	
LCSD 570-374991/3-B	Lab Control Sample Dup	TCLP	Solid	1311	
570-153389-1 MS	A-15A@0.5'	TCLP	Solid	1311	
570-153389-1 MSD	A-15A@0.5'	TCLP	Solid	1311	

Prep Batch: 375654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-153389-1	A-15A@0.5'	STLC Citrate	Solid	Dilution	374716
570-153389-3	A-15A@2.0'	STLC Citrate	Solid	Dilution	374716
LB4 570-374716/1-B	Method Blank	STLC Citrate	Solid	Dilution	374716
LCS 570-374716/2-B	Lab Control Sample	STLC Citrate	Solid	Dilution	374716
LCSD 570-374716/3-B	Lab Control Sample Dup	STLC Citrate	Solid	Dilution	374716

Prep Batch: 375701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-153389-1	A-15A@0.5'	TCLP	Solid	3010A	374991
570-153389-3	A-15A@2.0'	TCLP	Solid	3010A	374991
LB 570-374991/1-B	Method Blank	TCLP	Solid	3010A	374991
LCS 570-374991/2-B	Lab Control Sample	TCLP	Solid	3010A	374991
LCSD 570-374991/3-B	Lab Control Sample Dup	TCLP	Solid	3010A	374991
570-153389-1 MS	A-15A@0.5'	TCLP	Solid	3010A	374991
570-153389-1 MSD	A-15A@0.5'	TCLP	Solid	3010A	374991

Analysis Batch: 375876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-153389-1	A-15A@0.5'	STLC Citrate	Solid	6010B	375654
570-153389-3	A-15A@2.0'	STLC Citrate	Solid	6010B	375654
LB4 570-374716/1-B	Method Blank	STLC Citrate	Solid	6010B	375654
LCS 570-374716/2-B	Lab Control Sample	STLC Citrate	Solid	6010B	375654
LCSD 570-374716/3-B	Lab Control Sample Dup	STLC Citrate	Solid	6010B	375654

Analysis Batch: 376174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-153389-1	A-15A@0.5'	TCLP	Solid	6010B	375701
570-153389-3	A-15A@2.0'	TCLP	Solid	6010B	375701
LB 570-374991/1-B	Method Blank	TCLP	Solid	6010B	375701
LCS 570-374991/2-B	Lab Control Sample	TCLP	Solid	6010B	375701
LCSD 570-374991/3-B	Lab Control Sample Dup	TCLP	Solid	6010B	375701
570-153389-1 MS	A-15A@0.5'	TCLP	Solid	6010B	375701
570-153389-1 MSD	A-15A@0.5'	TCLP	Solid	6010B	375701

Eurofins Calscience

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School

Job ID: 570-153389-2

Client Sample ID: A-15A@0.5'

Lab Sample ID: 570-153389-1

Date Collected: 09/19/23 07:42

Matrix: Solid

Date Received: 09/20/23 08:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.28 g	500 mL	374716	10/18/23 08:19	ECX6	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	375654	10/20/23 10:55	K1UV	EET CAL 4
STLC Citrate	Analysis	6010B		1			375876	10/20/23 17:56	P1R	EET CAL 4
Instrument ID: ICP11										
TCLP	Leach	1311			100.31 g	2000 mL	374991	10/18/23 17:22	BG9Y	EET CAL 4
TCLP	Prep	3010A			5 mL	50 mL	375701	10/20/23 12:18	ECX6	EET CAL 4
TCLP	Analysis	6010B		1			376174	10/20/23 21:44	K1UV	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: A-15A@2.0'

Lab Sample ID: 570-153389-3

Date Collected: 09/19/23 08:02

Matrix: Solid

Date Received: 09/20/23 08:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.29 g	500 mL	374716	10/18/23 08:19	ECX6	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	375654	10/20/23 10:55	K1UV	EET CAL 4
STLC Citrate	Analysis	6010B		1			375876	10/20/23 17:58	P1R	EET CAL 4
Instrument ID: ICP11										
TCLP	Leach	1311			100.27 g	2000 mL	374991	10/18/23 17:22	BG9Y	EET CAL 4
TCLP	Prep	3010A			5 mL	50 mL	375701	10/20/23 12:18	ECX6	EET CAL 4
TCLP	Analysis	6010B		1			376174	10/20/23 21:58	K1UV	EET CAL 4
Instrument ID: ICP10										

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School

Job ID: 570-153389-2

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School

Job ID: 570-153389-2

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
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	EET CAL 4
Dilution	Preparation / Dilution Process	None	EET CAL 4

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494



Sample Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary School

Job ID: 570-153389-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-153389-1	A-15A@0.5'	Solid	09/19/23 07:42	09/20/23 08:21
570-153389-3	A-15A@2.0'	Solid	09/19/23 08:02	09/20/23 08:21

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Lori Thompson

From: Cathy Fitzgerald <cfitzgerald@placeworks.com>
Sent: Tuesday, October 17, 2023 12:09 PM
To: Lori Thompson
Subject: RE: Eurofins Calscience report and EDD files from 570-153389-1 Nicholas Elementary School / SCUS-07.0

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.

Lori,
Do you still have soil samples from this project for A-15A @0.5' and A-15A @2.0 feet? We need to have them analyzed for SLTC and TCLP lead,
Thanks,
Cathy

From: Lori Thompson <Lori.Thompson@et.eurofinsus.com>
Sent: Monday, October 16, 2023 6:15 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 report and EDD files for job 570-155226-1; Oak Ridge Elementary School / SCUS-08.0

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: [570-532708]
Attachments: 2

Client Information		Sampler: <i>M. Watson</i>		Lab PM: Thompson, Lori		Carrier Tracking No(s):		COC No: 570-81657-16578.1			
Client Contact: Mike Watson		Phone: <i>909989449</i>		E-Mail: Lori.Thompson@et.eurofinsus.com		State of Origin:		Page: Page 1 of 4			
Company: PlaceWorks, Inc.		PWSID:		Analysis Requested						Job #: <i>SCUS-07.0</i>	
Address: 2850 Inland Empire Blvd Ste B		Due Date Requested:		Field Filtered Sample (Yes or No) <input type="checkbox"/> Field Filtered (MS/MSD) (Yes or No) <input type="checkbox"/> 6010B - (MOD) As only <i>6010B Only</i>		Barcode 570-153389 Chain of Custody		1 - Hexane I - None J - AsNaO2 K - Na2O4S L - Na2SO3 M - Na2S2O3 N - H2SO4 O - TSP Dodecahydrate P - Acetone Q - MCAA R - pH 4-5 S - Trizma T - other (specify)			
City: Ontario		TAT Requested (days): <i>Standard</i>									
State, Zip: CA, 91764		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Phone: 909-579-9161(Tel)		PO #: Purchase Order not required									
Email: mwatson@placeworks.com		WO #:									
Project Name: <i>Nicholas ES</i>		Project #: 57016156		Total Number of Containers <i>10</i>		Special Instructions/Note:					
Site: <i>6601 Steiner Dr, Sacramento County</i>		SSOW#:									
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)			
<i>1 A-ISA0.5'</i>		<i>9/19/23</i>		<i>0742</i>		<i>G</i>		<i>Soil</i>			
<i>2 A-ISA1.0'</i>				<i>0756</i>				<i>Soil</i>			
<i>3 A-ISA2.0'</i>				<i>0802</i>				<i>Soil</i>			
<i>4 A-ISA3.0'</i>				<i>0813</i>				<i>Soil</i>			
<i>5 A-ISA3.5'</i>				<i>0830</i>				<i>Soil</i>			
<i>6 A-ISJ0.5'</i>				<i>0844</i>				<i>Soil</i>			
<i>7 A-ISJ1.0'</i>				<i>0851</i>				<i>Soil</i>			
<i>8 A-ISJ2.0'</i>				<i>0900</i>				<i>Soil</i>			
<i>9 A-ISJ3.0'</i>				<i>0907</i>				<i>Soil</i>			
<i>10 A-ISI0.5'</i>				<i>0918</i>				<i>Soil</i>			
<i>11 A-ISI1.0'</i>				<i>0930</i>				<i>Soil</i>			
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:						
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by: <i>[Signature]</i>		Date/Time: <i>9/20/23 821</i>		Company: <i>PlaceWorks</i>		Received by: <i>[Signature]</i>		Date/Time: <i>9/20/23 084</i>			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:			
Custody Seals Intact:		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:							
<input type="checkbox"/> Yes <input type="checkbox"/> No				<i>4.2/4.3 SCU</i>							

Eurofins Calscience

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

Chain of Custody Record

153389



Environment Testing

Client Information		Sampler: <i>M. Watson</i>		Lab PM: Thompson, Lori		Carrier Tracking No(s):		COC No: 570-81657-16578.2					
Client Contact: Mike Watson		Phone: <i>909 989 4449</i>		E-Mail: Lori.Thompson@et.eurofinsus.com		State of Origin:		Page: <i>2 of 4</i>					
Company: PlaceWorks, Inc.		PWSID:		Analysis Requested						Job #: <i>SCU507.0</i>			
Address: 2850 Inland Empire Blvd Ste B		Due Date Requested:		Field Filtered Sample (Yes or No) ICM MS/MSD (Yes or No) 6010B - (MOD) As only 6010B Pl only						Preservation Codes:			
City: Ontario		TAT Requested (days): <i>Standard</i>								A - HCL		M - Hexane	
State, Zip: CA, 91764		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No								B - NaOH		N - None	
Phone: 909-579-9161(Tel)		PO #:								C - Zn Acetate		O - AsNaO2	
Email: mwatson@placeworks.com		Purchase Order not required								D - Nitric Acid		P - Na2O4S	
Project Name: <i>Unified School District</i>		Project #: 57016156		E - NaHSO4		Q - Na2SO3		R - Na2S2O3					
Site: <i>Geol Steiner Dr Sacramento County</i>		SSOW#:		F - MeOH		S - H2SO4		T - TSP Dodecahydrate					
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Special Instructions/Note:			
<i>12 A-15I@2.0'</i>		<i>9/19/23</i>		<i>0941</i>		<i>G</i>		<i>Soil</i>					
<i>13 A-15I@3.0'</i>				<i>0952</i>				<i>Soil</i>					
<i>14 A-15E@0.5'</i>				<i>1002</i>				<i>Soil</i>					
<i>15 A-15E@1.0'</i>				<i>1011</i>				<i>Soil</i>					
<i>16 A-15E@2.0'</i>				<i>1030</i>				<i>Soil</i>					
<i>17 A-15E@3.0'</i>				<i>1040</i>				<i>Soil</i>					
<i>18 A-15F@0.5'</i>				<i>1120</i>				<i>Soil</i>					
<i>19 A-15F@1.0'</i>				<i>1140</i>				<i>Soil</i>					
<i>20 A-15F@2.0'</i>				<i>1147</i>				<i>Soil</i>					
<i>21 A-15F@3.0'</i>				<i>1152</i>				<i>Soil</i>					
<i>22 A-15C@0.5'</i>				<i>1205</i>				<i>Soil</i>					
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months							
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:							
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:							
<i>Math</i>		<i>9/20/23 921</i>		<i>Placidity</i>		Received by:		<i>9/20/23 0821</i>		<i>02</i>			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:									

Eurofins Calscience

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

Chain of Custody Record

153389

Client Information		Sampler: <u>M. Watson</u>	Lab PM: Thompson, Lori	Carrier Tracking No(s):	COC No: 570-81657-16578.3			
Client Contact: Mike Watson		Phone: <u>909 989 4999</u>	E-Mail: Lori.Thompson@et.eurofins.com	State of Origin:	Page: 3 of 4 Page 3 of 4			
Company: PlaceWorks, Inc.		PWSID:	Analysis Requested					
Address: 2850 Inland Empire Blvd Ste B		Due Date Requested:	Job #: <u>SCUS-07.0</u> Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify) Other:					
City: Ontario		TAT Requested (days): <u>Standard</u>						
State, Zip: CA, 91764		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No						
Phone: 909-579-9161(Tel)		PO #: Purchase Order not required						
Email: mwatson@placeworks.com		WO #:						
Project Name: <u>Unimco School District</u>		Project #: 57016156						
Site: <u>6601 Steiner Dr, Sacramento, CA</u>		SSOW#:	Total Number of Containers: <u>7</u> Special Instructions/Note:					
Sample Identification		Sample Date				Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)
		Preservation Code:						
23	A-ISCe1.0'	9/19/23				1211	G	Soil
24	A-ISBe0.5'					1228		Soil
25	A-ISBdUPe0.5'					1228		Soil
26	A-ISBe1.0'					1235		Soil
27	A-ISBdUPe1.0'					1235		Soil
28	A-ISBe0.5'					1248		Soil
29	A-ISGe1.0'					1252		Soil
30	A-ISKe0.5'		1311		Soil			
31	A-ISKe1.0'		1316		Soil			
32	A-ISMc0.5'		1329		Soil			
33	A-ISMe1.0'		1334		Soil			
Possible Hazard Identification			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological			<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)			Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:				
Relinquished by: <u>[Signature]</u>		Date/Time: <u>9/20/23 821</u>	Company: <u>Madhills</u>	Received by: <u>[Signature]</u>	Date/Time: <u>9/20/23 0821</u> Company: <u>[Signature]</u>			
Relinquished by:		Date/Time:	Company:	Received by:	Date/Time: Company:			
Relinquished by:		Date/Time:	Company:	Received by:	Date/Time: Company:			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:						

Eurofins Calscience

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

Chain of Custody Record

153389



Environment Testing

Client Information		Sampler: <u>M. Watson</u>		Lab PM: Thompson, Lori		Carrier Tracking No(s):		COC No: 570-81657-16578.4			
Client Contact: Mike Watson		Phone: <u>9099994449</u>		E-Mail: Lori.Thompson@et.eurofinsus.com		State of Origin:		Page: Page 4 of 4			
Company: PlaceWorks, Inc.		PWSID:		Analysis Requested						Job #: <u>SCUS-07.0</u>	
Address: 2850 Inland Empire Blvd Ste B		Due Date Requested:		Field Filtered Sample (Yes or No) MS/MSD (Yes or No) 6010B - (MOD) As only 6010B Pk only						Total Number of containers Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)	
City: Ontario		TAT Requested (days): <u>Standard</u>									
State, Zip: CA, 91764		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
Phone: 909-579-9161(Tel)		PO #: Purchase Order not required									
Email: mwatson@placeworks.com		WO #:									
Project Name: <u>Unmed School District - Nicholas ES</u>		Project #: 57016156		Special Instructions/Note:							
Site: <u>6601 Steiner Dr. Sacramento CA</u>		SSOW#:									
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, AA=Air)			
								Preservation Code: <u>D</u>			
34	<u>A-15LE0.5'</u>	<u>9/19/23</u>	<u>1346</u>	<u>G</u>	<u>Soil</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
35	<u>A-15LDPE0.5'</u>	<u> </u>	<u>1346</u>	<u> </u>	<u>Soil</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
36	<u>A-15LE1.0'</u>	<u> </u>	<u>1354</u>	<u> </u>	<u>Soil</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
37	<u>A-15LDPE1.0'</u>	<u> </u>	<u>1354</u>	<u> </u>	<u>Soil</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
38	<u>A-15HE0.5'</u>	<u> </u>	<u>1405</u>	<u> </u>	<u>Soil</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
39	<u>A-15HE1.0'</u>	<u> </u>	<u>1416</u>	<u> </u>	<u>Soil</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
40	<u>A-15DE0.5'</u>	<u> </u>	<u>1426</u>	<u> </u>	<u>Soil</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
41	<u>A-15DE1.0'</u>	<u> </u>	<u>1432</u>	<u> </u>	<u>Soil</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
42	<u>A-15NE0.5'</u>	<u> </u>	<u>1444</u>	<u> </u>	<u>Soil</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
43	<u>EB091923</u>	<u> </u>	<u>1500</u>	<u> </u>	<u>Soil</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by: <u>[Signature]</u>		Date/Time: <u>9/20/23 0821</u>		Company: <u>PlaceWorks</u>		Received by: <u>[Signature]</u>		Date/Time: <u>9/20/23 0824</u>			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:			
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:							

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-153389-2

Login Number: 153389

List Source: Eurofins Calscience

List Number: 1

Creator: Moffatt, Jennifer

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Yana Garcia
Secretary for
Environmental Protection



Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
8800 Cal Center Drive
Sacramento, California 95826-3200



Gavin Newsom
Governor

Sent Via Electronic Mail

November 3, 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 NO. 2 – APPROVAL, SACRAMENTO CITY UNIFIED SCHOOL DISTRICT, NICHOLAS ELEMENTARY SCHOOL REBUILD PROJECT, 6601 STEINER DRIVE, SACRAMENTO, SACRAMENTO COUNTY, CALIFORNIA 95823 (SITE CODE: 104896)

Dear Mr. Ralston:

The Department of Toxic Substances Control (DTSC) reviewed the *Technical Memorandum No. 2* (Tech Memo No. 2 – PlaceWorks, October 24, 2023) received electronically on October 24, 2023, for the Nicholas Elementary School Rebuild Project at 6601 Steiner Drive, Sacramento, Sacramento County, California (Site). The Sacramento City Unified School District (District) plans to rebuild the school at the Site.

Between July 25, 2023, and September 18, 2023, the District implemented the DTSC-approved Preliminary Environmental Assessment (PEA) Workplan (July 19, 2023) and a previous Tech Memo (August 30, 2023). Based on the laboratory results of near-surface soil samples, one location (A-15) exhibited an elevated concentration of lead at 292 milligrams per kilogram (mg/kg), which is above the DTSC-screening level of 80 mg/kg. According to Tech Memo No. 2, approximately 0.81 cubic yards of soil will be addressed as investigative derived waste (IDW) and transported to an approved disposal facility.

On October 24, 2023, Ms. Letitia Shen of DTSC provided verbal approval to Dr. Cathleen Fitzgerald of PlaceWorks (District representative) to implement Tech Memo No. 2 at the

November 3, 2023

Mr. Chris Ralston

Page 2

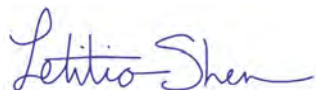
Site. Tech Memo No. 2 will be implemented in conjunction with the Health and Safety Plan and protocols in the approved PEA Workplan. This letter serves as DTSC's official response and documents that the Tech Memo No. 2 is hereby approved. Please provide DTSC with a hard copy of the approved Tech Memo No. 2 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,

A handwritten signature in blue ink that reads "Letitia Shen". The signature is written in a cursive, flowing style.

Letitia Shen
Project Manager
Northern California Schools Unit
Site Mitigation and Restoration Program
Department of Toxic Substances Control

cc: (See next page)

cc: (via email)

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Tim Crick, PE, Chief
Northern California Schools Unit
Site Mitigation and Restoration Program
Department of Toxic Substances Control
Tim.Crick@dtsc.ca.gov

TECHNICAL MEMORANDUM

DATE December 22, 2023

TO Department of Toxic Substances Control

ADDRESS 8800 Cal Center Drive, Sacramento, CA 95826-3200

CONTACT Letitia Shen, Hazardous Substances Engineer

FROM Dr. Cathleen Fitzgerald, P.E.

SUBJECT Investigation Derived Action Results (Site Code: 104896)

PROJECT NUMBER SCUS-07.0

This tech memo describes the results of the investigation derived waste (IDW) action at the proposed Nicholas Elementary School Rebuild Project at 6601 Steiner Drive in the Parkway community of unincorporated Sacramento County. 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.

Two technical memorandums were prepared at DTSC's direction for additional work at the site at the location where elevated lead concentrations were present. Technical Memorandum #1 contains the step-out sampling program and is included in this Appendix. It was approved by DTSC on September 12, 2023. Technical Memorandum #2 contains the results of the step-out sampling program and provides the IDW program workplan for removal of lead-impacted soil at this one location. It was approved by DTSC on November 3, 2023 and is also included in this appendix.

Investigative Derived Waste Plan Implementation

The excavation limits are shown in Figure 1. Soil was removed in the area of A-15 where elevated concentrations of lead were detected under the direction of a PlaceWorks field technician who is 40-hour HAZWOPER certified. A backhoe was used to excavate the impacted soil and the excavation limits were approximately 3 feet by 3 feet by 2.5 feet deep. The bottom of the excavation could not be extended deeper than 2.5 feet bgs because of the hardpan soil that was encountered at this depth. The excavated soil was placed in DOT approved 55-gallon drums awaiting transport and off-site disposal. The location of the

excavation was secured until the analytical results from the laboratory were received.

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. Table 1 provides the results of the excavation sampling program with strikeouts showing the locations where additional soil was removed from the site. Table 2 provides the results of the step out sampling program with strikeouts showing where soil was removed. The laboratory results for the IDW action are provided in Attachment A of this memorandum.

The results for the initial excavation effort on October 25, 2023 showed lead concentrations below DTSC threshold limits in the excavation bottom sample and the north, east, and west sidewalls. However, the laboratory results showed a lead concentration of 98.9 mg/kg present in the south sidewall.

Therefore, additional excavation was conducted at this location on November 6, 2023 and the excavation was extended an additional 0.5 feet south. The laboratory sample showed that the lead concentration along the south sidewall was still elevated at 116 mg/kg. Therefore, another round of excavation was conducted on November 20, 2023 guided by an XRF analyzer with XRF readings of 63 ppm and 67 ppm. The 0.5-foot sample along the south sidewall was submitted to the laboratory for analysis and the results confirmed that all lead-impacted soil had been removed from the excavation with a reported lead concentration of 8.13 mg/kg at the south sidewall.

The waste soil was profiled for Belshire Environmental and was characterized as a California non-RCRA hazardous waste. Results of the STLC and TCLP analyses are provided in Technical Memorandum #2. Four drums of soil (approximately 1.1 cubic yards) were picked up by Belshire Environmental, a licensed hazardous waste hauler, on December 14, 2023, and transported to US Ecology, Nevada Operations, at Beatty, Nevada. A copy of the waste manifest is provided in Attachment B.

Sincerely,



Dr. Cathleen Fitzgerald, P.E.
Senior Engineer



Attachments

Tables

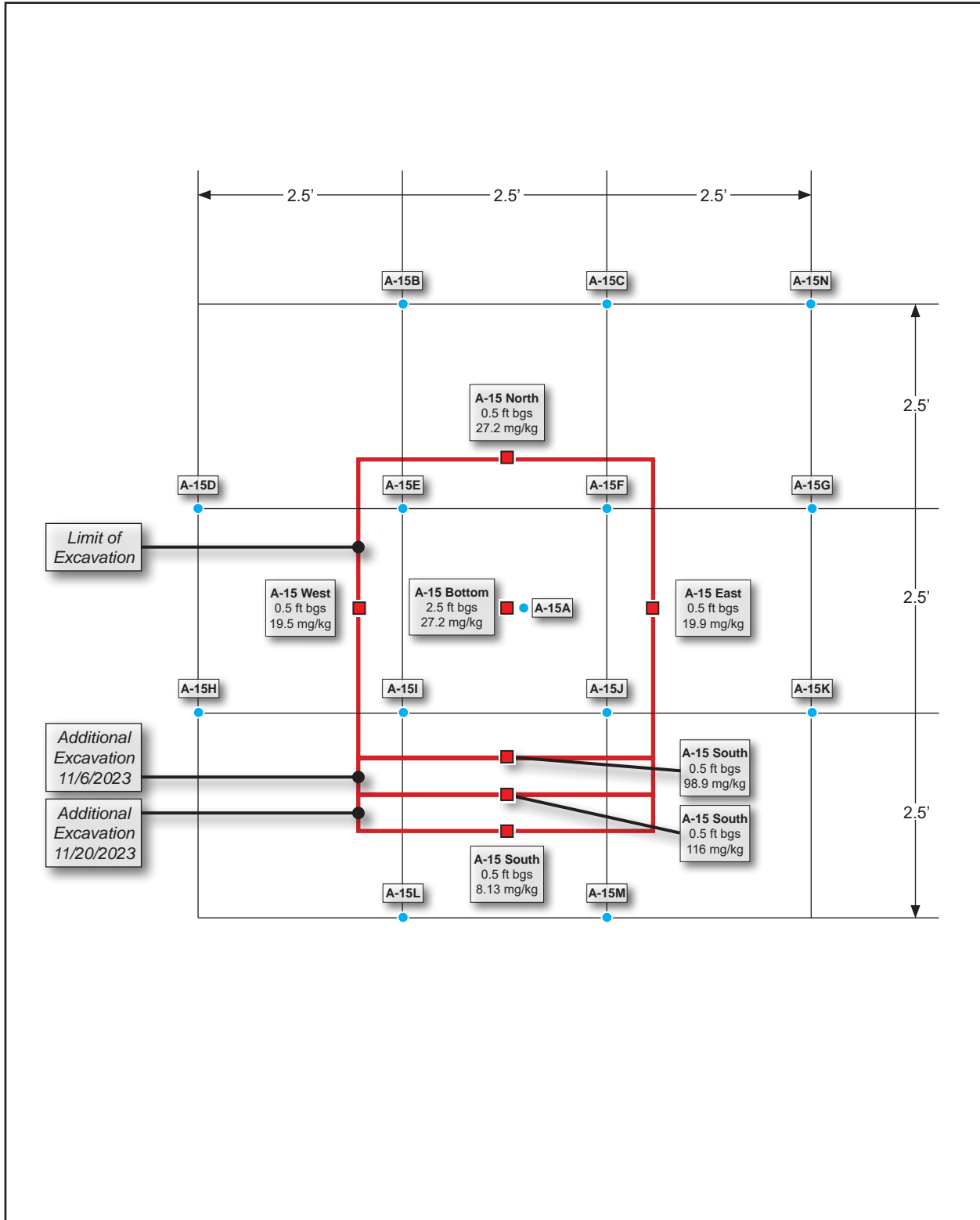
Table 1 – Summary Table of IDW Removal Action

Table 2 – Summary Table of Lead Step Out Sampling Results

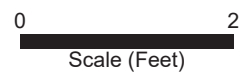
Figures

Figure 1 – Excavation Results

Figure 1 - Excavation Results



- A-15 Original Agricultural Sample Locations (7)
- A-15X Step-out Sample Locations (14)
- Limit of Excavation



Source: PlaceWorks, 2023.

TABLE 1
SUMMARY TABLE OF IDW REMOVAL ACTION
Nicholas Elementary School Rebuild
Sacramento City Unified School District
Sacramento, California

Sample Number	Sample Location	Sample Depth	Sample Date	Lead (mg/kg)
A-15	Bottom	2.5'	10/25/2023	27.2
	North Sidewall	0.5'	10/25/2023	29.6
	East Sidewall	0.5'	10/25/2023	19.9
	West Sidewall	0.5'	10/25/2023	19.5
	South Sidewall	0.5'	10/25/2023	98.9
	South Sidewall	0.5'	11/6/2023	116
	South Sidewall	0.5'	11/20/2023	8.13

Notes:

Highlighted results exceed the DTSC Screening Level of 80 mg/kg.

Strikethrough indicates soil was removed at this location.

Samples analyzed by USEPA Method 6010B

TABLE 2
SUMMARY TABLE OF LEAD STEP OUT SAMPLING RESULTS
Nicholas Elementary School Rebuild
Sacramento City Unified School District
Sacramento, California

Sample Number	Sample Depth	Sample Date	Lead (mg/kg)
A-15	0.5'	7/26/2023	292
A-15A	0.5'	9/19/2023	207
	1.0'	9/19/2023	66.2
	2.0'	9/19/2023	123
	3.0'	9/19/2023	8.13
	3.5'	9/19/2023	6.42
A-15B	0.5'	9/19/2023	46.4
	1.0'	9/19/2023	13.5
A-15B DUP	0.5'	9/19/2023	49.8
	1.0'	9/19/2023	12.4
A-15C	0.5'	9/19/2023	31.0
	1.0'	9/19/2023	12.5
A-15D	0.5'	9/19/2023	14.4
	1.0'	9/19/2023	8.66
A-15E	0.5'	9/19/2023	49.8
	1.0'	9/19/2023	16.7
	2.0'	9/19/2023	9.31
	3.0'	9/19/2023	4.91
A-15F	0.5'	9/19/2023	68.9
	1.0'	9/19/2023	12.4
	2.0'	9/19/2023	9.84
	3.0'	9/19/2023	7.08
A-15G	0.5'	9/19/2023	17.6
	1.0'	9/19/2023	10.1
A-15H	0.5'	9/19/2023	14.2
	1.0'	9/19/2023	10.6
A-15I	0.5'	9/19/2023	35.7
	1.0'	9/19/2023	10.8
	2.0'	9/19/2023	9.61
	3.0'	9/19/2023	9.95
A-15J	0.5'	9/19/2023	72.1
	1.0'	9/19/2023	12.5
	2.0'	9/19/2023	11.7
	3.0'	9/19/2023	4.38
A-15K	0.5'	9/19/2023	14
	1.0'	9/19/2023	9.42
A-15L	0.5'	9/19/2023	30.5
	1.0'	9/19/2023	18.8
A-15L DUP	0.5'	9/19/2023	31.3
	1.0'	9/19/2023	20.4
A-15M	0.5'	9/19/2023	22
	1.0'	9/19/2023	14.9
A-15N	0.5'	9/19/2023	23.9

Notes

DUP = Duplicate; mg/kg = milligrams per kilogram

Attachment A

Laboratory Results



ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764
Generated 10/30/2023 7:21:25 AM

JOB DESCRIPTION

Nicholas Elementary

JOB NUMBER

570-158270-1

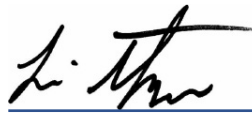
Eurofins Calscience

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



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

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10/30/2023 7:21:25 AM



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Definitions/Glossary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-158270-1

Glossary

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

Case Narrative

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-158270-1

Job ID: 570-158270-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative 570-158270-1

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 10/26/2023 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 2.1°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.
Project/Site: Nicholas Elementary

Job ID: 570-158270-1

Client Sample ID: Bottom Sample 2.5'

Lab Sample ID: 570-158270-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	27.2		2.03	mg/Kg	5		6010B	Total/NA

Client Sample ID: Sidewall Sample N 0.5'

Lab Sample ID: 570-158270-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	29.6		2.02	mg/Kg	5		6010B	Total/NA

Client Sample ID: Sidewall Sample S 0.5'

Lab Sample ID: 570-158270-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	98.9		2.03	mg/Kg	5		6010B	Total/NA

Client Sample ID: Sidewall Sample E 0.5'

Lab Sample ID: 570-158270-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	19.9		2.02	mg/Kg	5		6010B	Total/NA

Client Sample ID: Sidewall Sample W 0.5'

Lab Sample ID: 570-158270-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	19.5		2.04	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-158270-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: Bottom Sample 2.5'

Date Collected: 10/25/23 10:35

Date Received: 10/26/23 09:40

Lab Sample ID: 570-158270-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	27.2		2.03	mg/Kg		10/27/23 05:38	10/27/23 17:40	5

Client Sample ID: Sidewall Sample N 0.5'

Date Collected: 10/25/23 10:15

Date Received: 10/26/23 09:40

Lab Sample ID: 570-158270-2

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	29.6		2.02	mg/Kg		10/27/23 05:38	10/27/23 17:42	5

Client Sample ID: Sidewall Sample S 0.5'

Date Collected: 10/25/23 10:20

Date Received: 10/26/23 09:40

Lab Sample ID: 570-158270-3

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	98.9		2.03	mg/Kg		10/27/23 05:38	10/27/23 17:45	5

Client Sample ID: Sidewall Sample E 0.5'

Date Collected: 10/25/23 10:25

Date Received: 10/26/23 09:40

Lab Sample ID: 570-158270-4

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	19.9		2.02	mg/Kg		10/27/23 05:38	10/27/23 17:47	5

Client Sample ID: Sidewall Sample W 0.5'

Date Collected: 10/25/23 10:30

Date Received: 10/26/23 09:40

Lab Sample ID: 570-158270-5

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	19.5		2.04	mg/Kg		10/27/23 05:38	10/27/23 17:50	5

QC Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-158270-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-377763/1-A ^5
Matrix: Solid
Analysis Batch: 377976

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 377763

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.97	mg/Kg		10/27/23 05:38	10/27/23 14:08	5

Lab Sample ID: LCS 570-377763/2-A ^5
Matrix: Solid
Analysis Batch: 377976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 377763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	48.41		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 570-377763/3-A ^5
Matrix: Solid
Analysis Batch: 377976

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 377763

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	49.5	47.95		mg/Kg		97	80 - 120	1	20

QC Association Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-158270-1

Metals

Prep Batch: 377763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-158270-1	Bottom Sample 2.5'	Total/NA	Solid	3050B	
570-158270-2	Sidewall Sample N 0.5'	Total/NA	Solid	3050B	
570-158270-3	Sidewall Sample S 0.5'	Total/NA	Solid	3050B	
570-158270-4	Sidewall Sample E 0.5'	Total/NA	Solid	3050B	
570-158270-5	Sidewall Sample W 0.5'	Total/NA	Solid	3050B	
MB 570-377763/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-377763/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-377763/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 377976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-377763/1-A ^5	Method Blank	Total/NA	Solid	6010B	377763
LCS 570-377763/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	377763
LCSD 570-377763/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	377763

Analysis Batch: 378076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-158270-1	Bottom Sample 2.5'	Total/NA	Solid	6010B	377763
570-158270-2	Sidewall Sample N 0.5'	Total/NA	Solid	6010B	377763
570-158270-3	Sidewall Sample S 0.5'	Total/NA	Solid	6010B	377763
570-158270-4	Sidewall Sample E 0.5'	Total/NA	Solid	6010B	377763
570-158270-5	Sidewall Sample W 0.5'	Total/NA	Solid	6010B	377763

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-158270-1

Client Sample ID: Bottom Sample 2.5'

Lab Sample ID: 570-158270-1

Date Collected: 10/25/23 10:35

Matrix: Solid

Date Received: 10/26/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	50 mL	377763	10/27/23 05:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			378076	10/27/23 17:40	P1R	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: Sidewall Sample N 0.5'

Lab Sample ID: 570-158270-2

Date Collected: 10/25/23 10:15

Matrix: Solid

Date Received: 10/26/23 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	377763	10/27/23 05:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			378076	10/27/23 17:42	P1R	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: Sidewall Sample S 0.5'

Lab Sample ID: 570-158270-3

Date Collected: 10/25/23 10:20

Matrix: Solid

Date Received: 10/26/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	50 mL	377763	10/27/23 05:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			378076	10/27/23 17:45	P1R	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: Sidewall Sample E 0.5'

Lab Sample ID: 570-158270-4

Date Collected: 10/25/23 10:25

Matrix: Solid

Date Received: 10/26/23 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	377763	10/27/23 05:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			378076	10/27/23 17:47	P1R	EET CAL 4
Instrument ID: ICP10										

Client Sample ID: Sidewall Sample W 0.5'

Lab Sample ID: 570-158270-5

Date Collected: 10/25/23 10:30

Matrix: Solid

Date Received: 10/26/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.96 g	50 mL	377763	10/27/23 05:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			378076	10/27/23 17:50	P1R	EET CAL 4
Instrument ID: ICP10										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-158270-1

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-158270-1

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: Nicholas Elementary

Job ID: 570-158270-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-158270-1	Bottom Sample 2.5'	Solid	10/25/23 10:35	10/26/23 09:40
570-158270-2	Sidewall Sample N 0.5'	Solid	10/25/23 10:15	10/26/23 09:40
570-158270-3	Sidewall Sample S 0.5'	Solid	10/25/23 10:20	10/26/23 09:40
570-158270-4	Sidewall Sample E 0.5'	Solid	10/25/23 10:25	10/26/23 09:40
570-158270-5	Sidewall Sample W 0.5'	Solid	10/25/23 10:30	10/26/23 09:40

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- 2
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- 10
- 11
- 12
- 13
- 14

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-158270-1

Login Number: 158270

List Source: Eurofins Calscience

List Number: 1

Creator: Lam, Julie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/13/2023 8:57:18 AM

JOB DESCRIPTION

Nicholas Elementary

JOB NUMBER

570-159617-1

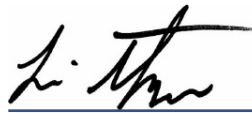
Eurofins Calscience

Job Notes

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

Authorization



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

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11/13/2023 8:57:18 AM



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Definitions/Glossary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-159617-1

Glossary

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

Case Narrative

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-159617-1

Job ID: 570-159617-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative 570-159617-1

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 11/7/2023 9:30 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 2.0°C

Metals

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

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-159617-1

Client Sample ID: Sidewall Sample S 0.5'

Lab Sample ID: 570-159617-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	116		1.96	mg/Kg	5		6010B	Total/NA

- 1
- 2
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This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-159617-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: Sidewall Sample S 0.5'

Date Collected: 11/06/23 09:30

Date Received: 11/07/23 09:30

Lab Sample ID: 570-159617-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	116		1.96	mg/Kg		11/09/23 14:22	11/10/23 21:20	5

- 1
- 2
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- 4
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- 7
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- 10
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- 13
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QC Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-159617-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-381975/1-A ^5
Matrix: Solid
Analysis Batch: 382685

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 381975

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		2.01	mg/Kg		11/09/23 08:51	11/10/23 20:11	5

Lab Sample ID: LCS 570-381975/2-A ^5
Matrix: Solid
Analysis Batch: 382685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 381975

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	49.8	48.26		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 570-381975/3-A ^5
Matrix: Solid
Analysis Batch: 382685

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 381975

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	49.3	47.27		mg/Kg		96	80 - 120	2	20

QC Association Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-159617-1

Metals

Prep Batch: 381975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-159617-1	Sidewall Sample S 0.5'	Total/NA	Solid	3050B	
MB 570-381975/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-381975/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-381975/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 382685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-159617-1	Sidewall Sample S 0.5'	Total/NA	Solid	6010B	381975
MB 570-381975/1-A ^5	Method Blank	Total/NA	Solid	6010B	381975
LCS 570-381975/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	381975
LCSD 570-381975/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	381975

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-159617-1

Client Sample ID: Sidewall Sample S 0.5'

Lab Sample ID: 570-159617-1

Date Collected: 11/06/23 09:30

Matrix: Solid

Date Received: 11/07/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.04 g	50 mL	381975	11/09/23 14:22	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			382685	11/10/23 21:20	P1R	EET CAL 4

Instrument ID: ICP11

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.
Project/Site: Nicholas Elementary

Job ID: 570-159617-1

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

- 1
- 2
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Method Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas Elementary

Job ID: 570-159617-1

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: Nicholas Elementary

Job ID: 570-159617-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-159617-1	Sidewall Sample S 0.5'	Solid	11/06/23 09:30	11/07/23 09:30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 10
- 11
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- 13
- 14

Chain of Custody Record

Client Information		Sampler: Miles Barker		Lab PM: Thompson, Lori		Carrier Tracking No(s):		COC No:					
Client Contact: Cathy Fitzgerald		Phone:		E-Mail: Lori.Thompson@et.eurofinsus.com		State of Origin:		Page: Page 1 of 1					
Company: PlaceWorks, Inc.		PWSID:		Analysis Requested						Job #:			
Address: 2850 Inland Empire Blvd Ste B		Due Date Requested:		Field Filtered Sample (Yes or No) (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) 6010B - Pb only						Total Number of Containers		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)	
City: Ontario		TAT Requested (days): 10 Days											
State, Zip: CA, 91764		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No											
Phone:		PO #:											
Email: cfitzgerald@placeworks.com		WO #:											
Project Name: Nicholas Elementary		Project #: 57016156											
Site:		SSOW#:											
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	6010B - Pb only	Total Number of Containers	Special Instructions/Note:				
				Preservation Code:		X	N	1					
Side Wall Sample S 0.5'				grab	soil	X		1					
Side Wall Sample S 0.5'		11/6	9:30	grab	soil	X		1					
Side Wall Sample S 0.5'				grab	soil	X		1					
Side Wall Sample S 0.5'				grab	soil	X		1					



570-159617 Chain of Custody

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____
 Special Instructions/QC Requirements: _____

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <i>Miles Barker</i>		Date/Time: 11/6 11:30		Company: PlaceWorks		Received by: <i>[Signature]</i>	
Relinquished by: <i>[Signature]</i>		Date/Time: 11-6-23 1030		Company: EETCA		Received by: <i>[Signature]</i>	
Relinquished by:		Date/Time:		Company:		Received by: <i>[Signature]</i>	
						Date/Time: 11/7/23 9:30	
						Company: EC	

Custody Seals Intact: Yes No Custody Seal No.: _____
 Cooler Temperature(s) °C and Other Remarks: 2.1/20 SC 12

Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-159617-1

Login Number: 159617

List Number: 1

Creator: Yu, Tiffany

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Cathy Fitzgerald
PlaceWorks, Inc.
2850 Inland Empire Blvd
Ste B
Ontario, California 91764
Generated 11/27/2023 5:09:21 PM

JOB DESCRIPTION

Nicholas ES

JOB NUMBER

570-161729-1

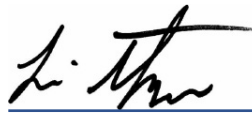
Eurofins Calscience

Job Notes

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Authorization



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

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11/27/2023 5:09:21 PM



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Receipt Checklists	15

Definitions/Glossary

Client: PlaceWorks, Inc.
Project/Site: Nicholas ES

Job ID: 570-161729-1

Glossary

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

Case Narrative

Client: PlaceWorks, Inc.
Project/Site: Nicholas ES

Job ID: 570-161729-1

Job ID: 570-161729-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative 570-161729-1

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 11/21/2023 9:40 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 2.0°C

Metals

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

Detection Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas ES

Job ID: 570-161729-1

Client Sample ID: SIDEWALL SAMPLE S 0.5'

Lab Sample ID: 570-161729-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.13		2.00	mg/Kg	5		6010B	Total/NA

- 1
- 2
- 3
- 4
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- 11
- 12
- 13
- 14

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas ES

Job ID: 570-161729-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SIDEWALL SAMPLE S 0.5'

Date Collected: 11/20/23 09:50

Date Received: 11/21/23 09:40

Lab Sample ID: 570-161729-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.13		2.00	mg/Kg		11/21/23 12:45	11/23/23 06:34	5

- 1
- 2
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- 13
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QC Sample Results

Client: PlaceWorks, Inc.
Project/Site: Nicholas ES

Job ID: 570-161729-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-385814/1-A ^5
Matrix: Solid
Analysis Batch: 386799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 385814

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		2.00	mg/Kg		11/21/23 07:59	11/23/23 05:32	5

Lab Sample ID: LCS 570-385814/2-A ^5
Matrix: Solid
Analysis Batch: 386799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 385814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	49.76		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 570-385814/3-A ^5
Matrix: Solid
Analysis Batch: 386799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 385814

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	49.3	45.37		mg/Kg		92	80 - 120	9	20

QC Association Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas ES

Job ID: 570-161729-1

Metals

Prep Batch: 385814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-161729-1	SIDEWALL SAMPLE S 0.5'	Total/NA	Solid	3050B	
MB 570-385814/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-385814/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-385814/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 386799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-161729-1	SIDEWALL SAMPLE S 0.5'	Total/NA	Solid	6010B	385814
MB 570-385814/1-A ^5	Method Blank	Total/NA	Solid	6010B	385814
LCS 570-385814/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	385814
LCSD 570-385814/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	385814

Lab Chronicle

Client: PlaceWorks, Inc.
Project/Site: Nicholas ES

Job ID: 570-161729-1

Client Sample ID: SIDEWALL SAMPLE S 0.5'

Lab Sample ID: 570-161729-1

Date Collected: 11/20/23 09:50

Matrix: Solid

Date Received: 11/21/23 09:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	385814	11/21/23 12:45	RL6Q	EET CAL 4
Total/NA	Analysis	6010B		5			386799	11/23/23 06:34	VZOK	EET CAL 4

Instrument ID: ICP11

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.
Project/Site: Nicholas ES

Job ID: 570-161729-1

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: Nicholas ES

Job ID: 570-161729-1

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

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Sample Summary

Client: PlaceWorks, Inc.
Project/Site: Nicholas ES

Job ID: 570-161729-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-161729-1	SIDEWALL SAMPLE S 0.5'	Solid	11/20/23 09:50	11/21/23 09:40

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Login Sample Receipt Checklist

Client: PlaceWorks, Inc.

Job Number: 570-161729-1

Login Number: 161729

List Number: 1

Creator: Yu, Tiffany

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Attachment B

Waste Manifest

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAC003258787	2. Page 1 of 1	3. Emergency Response Phone (916) 643-2464	4. Manifest Tracking Number 018935766 FLE		
5. Generator's Name and Mailing Address SCUSD's Serna Center Administration Office 5735 47th Avenue Sacramento, CA 95824				Generator's Site Address (if different than mailing address) Nicholas Elementary School 6601 Steiner Drive Sacramento, CA 95823			
6. Transporter 1 Company Name BELSHIRE				U.S. EPA ID Number CAR000183913			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address U.S. Ecology, Nevada Operations Highway 95, 11 miles S. of Beatty Beatty, NV 89003				U.S. EPA ID Number NVT330010000			
Facility's Phone: (775) 553-2201							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
		1. Non-RCRA Hazardous Waste, Solid (Soil impacted with Lead)	4	DM	2,500	P	611
		2.					
		3.					
	4.						
14. Special Handling Instructions and Additional Information ERG #171 Soil impacted with Lead				WEAR ALL APPROPRIATE PROTECTIVE CLOTHING			
				BESI: 361172			
				PROFILE # 070331654-1			
				4x55			
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name JO WARD				Signature <i>Jo Ward</i>		Month Day Year 12 14 23	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Darnell Park				Signature <i>DPark</i>		Month Day Year 12 14 23	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____ U.S. EPA ID Number _____							
18b. Alternate Facility (or Generator)							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18							
Printed/Typed Name				Signature		Month Day Year	

Appendix

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Appendix E. Public Participation Notices



FACILITIES SUPPORT SERVICES

425 1st Avenue • Sacramento, CA 95818

Rose F. Ramos, Chief Business Officer
Chris Ralston, Director III

July 11, 2023

BOARD OF EDUCATION

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Trustee Area 6

Liam McGurk
Student Board Member

TO: Neighbors Near Proposed Nicholas Elementary School Rebuild
FROM: Sacramento City Unified School District
RE: Preliminary Environmental Assessment Investigation at Nicholas Elementary School at 6601 Steiner Drive

We would like to provide you with advance notice of an environmental investigation, which will be conducted at the Nicholas Elementary School located at 6601 Steiner Drive, in the Parkway community of Sacramento County, California. Demolition of the old buildings and construction of a new elementary school is 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 July 18, 2023 and is expected to take two 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

WORK NOTICE

Site Investigation Field Activities

Fieldwork activities related to an environmental investigation are scheduled for two days: July 25 and 26, 27 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 will consist of soil sampling with a drill truck for possible residual pesticides from historic agricultural usage of the site. Although an environmental assessment will be conducted, this does not mean 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 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.

WORK NOTICE

Site Investigation Field Activities

Fieldwork activities related to an environmental investigation are scheduled for one day: September 19, 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 will consist of soil sampling with a drill truck for possible residual pesticides from historic agricultural usage of the site. Although an environmental assessment will be conducted, this does not mean 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 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.

WORK NOTICE

Site Investigation Field Activities

Fieldwork activities related to an environmental investigation are scheduled for one day: October 25, 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 will consist of soil sampling with a drill truck for possible residual pesticides from historic agricultural usage of the site. Although an environmental assessment will be conducted, this does not mean 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 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.

**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:

Nicholas Elementary School Rebuild Project
6601 Steiner Drive in Parkway, Sacramento, California 95823

Project Location:

The 10.1-acre site of Nicholas Elementary School at 6601 Steiner Drive in Parkway, Sacramento, California 95823, in the City of Sacramento, Sacramento County, California. SCUSD plans to fully redesign and reconstruct the project site. An Admin and MPR Building will be constructed on the western portion of the site, hard courts will be located in the central portion of the site, and the soccer field will be on the eastern portion of the site. New buildings include an administration, library, and flex lab building, 7 classroom buildings, and a multipurpose building.

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-nicholas> and at: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60003525 under Community Involvement.

Public Comment Period:

The public comment period for the draft PEA Report begins on January 17, 2024 and concludes on February 19, 2024. Written comments on the draft PEA Report will be accepted during this public comment period. Please mail comments on the "Nicholas 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 Nicholas Elementary School Rebuild PEA Report on January 22, 2024 at 12:00 pm. At this time, the meeting will be open to receiving any comments on the PEA Report.

Appendix

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