Preliminary Environmental Assessment

Frank Otis Elementary School

3010 Fillmore Street

Alameda, California 94501

October 22, 2025 | Terracon Project No. NA247141

Prepared for:

Alameda Unified School District
2060 Challenger Drive
Alameda, California
and
Department of Toxic Substances Control
Sacramento, California



Prepared by:

Terracon Consultants, Inc.
Sacramento, California

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October 22, 2025

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On behalf of:
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Re: Preliminary Environmental Assessment
Frank Otis Elementary School
3010 Fillmore Street
Alameda, Alameda County, California
Terracon Project No. NA247141
EnviroStor Case No. 60003971

Dear Ms. Holcomb:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Preliminary Environmental Assessment (PEA) report for the above-referenced subject property (hereinafter known as the 'site' If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

Sadie Bodiford
Project Manager

Joe Rosenbery, PG
Environmental Department Manager

PROFESSIONAL GEOLOGIST
JOSEPH W. ROSENBERY II
No. 9420
STATE OF CALIFORNIA

Attachments

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1.0 Introduction

This Preliminary Environmental Assessment (PEA) Report has been prepared on behalf of the Alameda Unified School District (AUSD) for their Frank Otis Elementary School campus located at 3010 Fillmore Street in Alameda, Alameda County, California. A portion of the Frank Otis campus is planned for redevelopment starting in June 2026. This PEA report is being submitted in accordance with the October 2015 revision of the Preliminary Endangerment Assessment Guidance Manual set forth by the California Department of Toxic Substances Control (DTSC, 2015) and to address the environmental impacts identified through subsurface investigations completed by Terracon Consultants, Inc. (Terracon) at the site in 2025.

1.1 Report Purpose and Objective

The purpose and objective of the PEA Report is to assess the presence of hazardous substances or materials that exist at the project site that could pose a risk to human health or the environment. The PEA investigation was designed to provide data necessary to evaluate the type and general extent of impacted materials at the Frank Otis Elementary School, the site. Work included the collection of soil for determination of Chemicals of Potential Concern (COPCs) at the site as well as development of a Conceptual Site Model (CSM).

1.2 Site Description and Proposed Redevelopment

The Frank Otis Elementary School campus is located at 3010 Fillmore Street in Alameda, Alameda County, California, and consists of an approximately 2.7-acre tract of land identified as Assessor Parcel Number (APN) 69-14-1. The school campus is improved with four school structures, an asphalt-paved parking lot, a playground (blacktop area), landscaping, and utilities. The following structures are currently present on the school campus:

Building Identification	Building Use	Approx. Construction Date	No. Stories	Approx. Size (ft²)
Main School Building (Building #1)	Classrooms, office space, mechanical room, and bathrooms	1955	2	30,000
Multi-Purpose Building (Building #2)	Cafeteria and assembly area	1970s	1	4,000
Secondary School Building (Building #3)	Classrooms, office space, mechanical room, and bathrooms	2016	2	3,200

Building Identification	Building Use	Approx. Construction Date	No. Stories	Approx. Size (ft²)
Portable Classroom (5) (Building #4)	Classroom	1990s	1	960

The Main School Building (Building #1) is proposed for demolition and will be redeveloped with a new main school structure. Additionally, several areas of shade structures will be developed in the existing blacktop area on the southern portion of the site. Buildings #2, 3, and 4 are proposed to remain in place and redevelopment activities will be limited to the areas of the site encompassing Building #1 and blacktop areas.

The location of the site is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the United States Geological Survey (USGS) 7.5-minute series topographic map. The existing site layout and features are depicted on the Site Diagram, which is included as Exhibit 2 and Exhibit 3 depicts the proposed future development. The Exhibits are included in Appendix A.

2.0 Project Overview

2.1 Site History

Terracon prepared a Phase I Environmental Site Assessment (ESA – Terracon Project No. NB247280), dated April 6, 2025. Based on the findings of the Phase I ESA, the site consisted of vacant land with a slough intersecting from west to east from as early as the mid-1890s and was intersected by a roadway by the early 1940s. By the early 1950s, the slough and street were no longer apparent, and the site was developed with portions of the existing elementary school from the late 1950s through the mid-2010s. The elementary school was fully developed and improved to the existing layout by the late 2010s. Properties adjoining the site have historically consisted of residential neighborhoods from as early as the mid-1890s through the present.

2.2 Physical Settings

Physical Setting Information		Source
Topography		
Site Elevation	Approximately 12 feet above mean sea level (msl).	USGS Topo Map, Oakland East, Oakland West, Hunters Point, and San Leandro, California Quadrangles, 2021, Appendix A
Topographic Gradient	Relatively flat area with a general gradient towards the south.	
Closest Surface Water	Manmade lake, approximately 175 feet north of the site; San Francisco Bay located approximately 650 feet southwest of the site.	
Soil Characteristics		
Soil Type and Description	Soils at the site consist generally of approximately 7 to 11 feet of sandy and clayey fill soils over 1 to 3 feet of soft clay (Bay Mud) followed by medium-dense to dense silty sand/sandy silt and stiff sandy clay/silty clay to the maximum depth explored of 86 feet below grade surface (bgs).	Geotechnical Investigation, Miller Pacific Engineering Group, Project 1911.024, dated May 1, 2025
Geology/Hydrogeology		
Formation	Artificial fill (af)	National Geologic Map Database, Dibblee Geological Foundation, *Geologic map of the Oakland East quadrangle, Contra Costa and Alameda Counties, California*, 2005 (1:24,000)
Description	Man-placed deposits of soil, rock, and construction debris used to raise or level ground surfaces for development. These materials are typically heterogeneous, varying in composition and compaction, and may include engineered or non-engineered fill overlying native alluvium or bedrock	
Estimated Depth to First Occurrence of Groundwater	Groundwater was measured at depths of 5 to 6 feet bgs in on-site geotechnical borings.	Geotechnical Investigation, Miller Pacific Engineering Group, Project 1911.024, dated May 1, 2025
*Hydrogeologic Gradient	Not known - may be inferred to be parallel to topographic gradient (primarily to the south).	

* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

2.3 Environmental Concerns

A hazardous materials building survey conducted at the Site in January 2025 identified lead-based paint (LBP) present in painted surfaces of the Main School Building (Building 1) and the Multi-Purpose Building (Building 2).

Based on the findings of the Phase I ESA, conducted consistent with ASTM Practice E1527-21, and information from the LBP survey, Terracon identified the following recognized environmental conditions (RECs), business environmental risks (BERs), and site concerns in connection with the site:

REC/Site Concern	Description
Lead-Based Paint	Based on the provided lead-based paint (LBP) sampling results, the Main School Building and Multi-Purpose Building (Buildings 1 and 2) have been identified as having LBP and represent a BER to the site.
Pesticide Application	Based on the age of the on-site structures, the potential for pesticide application along the perimeter of the school building was identified as a REC.
Undocumented Fill Material	Based on a review of historical Sanborn maps in 1897 and 1948 and aerial imagery from 1939 to 1946, a slough was depicted transecting the site from west to east, and Fountain Street transecting the site from north to south. The slough and street were no longer apparent in the 1950s and were likely filled with imported material. Documentation of the fill material was not discovered. Based on the proposed redevelopment of the site, the presence of undocumented fill material represents a REC to the site.
Aerially Deposited Lead	The potential for aerially deposited lead (ADL) to be present in the vicinity of a former roadway transecting the site was identified as a site concern.

3.0 Apparent Problem

Apparent problems for the site were evaluated based on the findings of the Phase I ESA and the prior hazardous materials building surveys provided to Terracon for review. The following section assesses the potential sources of contamination that may be present at the site. Where the potential sources of contamination are confirmed for the site, the associated chemicals of potential concern (COPC) are summarized.

3.1 Lead-Based Paint (LBP)

As documented in the previous hazardous materials building surveys completed for the site, LBP is present on the exterior surfaces of Buildings #1 and #2. LBP has the potential to chip and flake off the exterior building surfaces and accumulate onto the adjoining surfaces over time. Portions of Buildings #1 and #2 are surrounded by both

paved (impermeable) and landscaped (permeable) surfaces. Based on the age of the Buildings #1 (1955) and #2 (1970s) and the documented presence of LBP, lead is considered a chemical of potential concern (COPC).

3.2 Pesticide Application

Historical maintenance of buildings included the application of termiticides along building perimeters to abate weeds and pests. Termiticides often include organochlorine pesticides (OCPs), which have chemical compositions that do not degrade easily in the environment and have low water solubility. OCPs were used mainly during the 1940s through the 1970s. Information reviewed in Terracon's Phase I ESA did not identify storage or disposal of pesticides at the site; however, based on the age of Buildings #1 and #2, termiticide application may have historically been conducted at the site. Therefore, OCPs are considered a COPC.

3.3 Undocumented Fill Material

A slough was depicted through the northern and central portions of the site from as early as 1897 through the 1940s and was no longer present by the development of Building #1 in 1955. Documentation for the development of the site was not identified in records reviewed as part of Terracon's Phase I ESA. It is assumed that the slough was filled with imported material to the existing grade for the development of the site. Due to the unknown origin of the fill material, there is a potential for it to be contaminated with hazardous chemicals and heavy metals.

Using the Department of Toxic Substances Control (DTSC) *Fill Advisory Clean Imported Fill Material* (DTSC 2001), the following COPCs are identified in connection with the undocumented fill material:

- Total Petroleum Hydrocarbons (TPH);
- Volatile Organic Compounds (VOCs);
- Semi-Volatile Organic Compounds (SVOCs);
- OCPs;
- Polychlorinated Biphenyls (PCBs);
- California Administrative Manual 17 Metals (CAM 17 Metals);
- Hexavalent chromium; and,
- Asbestos

3.4 Historical Roadway

Fountain Street historically bisected the site in the 1940s and was removed during the construction of the site in 1955. Lead was utilized as a gasoline additive from the 1920s and was phased out of use in the United States from the 1970s through the 1990s (EPA 1996). Based on the duration of the roadway present through the site, there is the potential for aerially deposited lead (ADL) to have been spread adjoining the roadway; therefore, lead is identified as a COPC.

3.5 Naturally Occurring Asbestos

Naturally occurring asbestos is most often found in ultramafic rock formations. An ultramafic rock unit is mapped by the California Geological Survey approximately 6 miles east of the site. Although the site is located within 10 miles of a possible naturally occurring asbestos rock unit, there is no potential for erosional deposition from this outcrop to have affected the project site. The ultramafic rock outcrop is located along the Hayward Fault, near San Leandro, and is located within a separate watershed from the site; therefore, naturally occurring asbestos associated with the nearby ultramafic rock unit does not constitute a COPC for the site.

3.6 Methane and Hydrogen Sulfide Gas

Based on a review of the CalGEM Well Finder website, the site was not identified within an oil/gas field. Additionally, based on a review of the State Water Resources Control Board's (SWRCB's) database GeoTracker, landfills were not identified near the site. Sources of methane or hydrogen sulfide gas have not been identified in the vicinity of the site. Based on this information, methane and hydrogen sulfide gas are not considered COPCs for the site.

3.7 Radon

Radon is a naturally occurring radioactive gas produced through the natural decay of uranium to stable lead. It is odorless, tasteless, and invisible. Elevated concentrations of radon can be found in soils and rocks containing uranium, granite, shale, phosphate, and pitchblende. Locations of these materials are highly unpredictable. Elevated levels of radon may also be found in soils containing certain types of industrial wastes, such as the by-products from uranium or phosphate mining. Radon can accumulate inside structures at concentrations that may pose risks to human health. Indoor radon levels are influenced by building construction and the concentration of radon in the underlying soil.

Terracon reviewed the United States Environmental Protection Agency (US EPA) Map of Radon Zone (EPA 2014) to identify the potential for average indoor radon concentrations for the site. The study indicated Alameda County is located in EPA Zone 2, which has a predicted average indoor screening level between 2.0 and 4.0 picoCuries of radon per liter of air (pCi/L). The EPA recommends a guideline action level of 4.0 pCi/L for annual average indoor radon concentrations in residential properties. The action level is based on an exposure of 18 hours per day for 40 years. Based on this information, radon gas is not considered a COPC for the site.

4.0 Conceptual Site Model

This section provides a description of the primary and secondary sources, pathways, and receptors associated with the COPCs and their potential distribution at the site resulting from current and historical site uses. The preliminary CSM with exposure pathways is presented in Appendix A as Exhibit 11.

4.1 Potential Primary Release Mechanisms and Pathways

Based on the findings of the Phase I ESA, the following Potential Primary Release Mechanisms and associated Potential Primary Pathways were identified for the site:

4.1.1 Lead-Based Paint

LBP was identified on the exterior walls of Buildings #1 and #2.

Potential Primary Pathway:
The Potential Primary Pathways for the release of LBP include chipping and flaking, mechanical weathering, and scraping of the building exterior from maintenance activities.

Potential Secondary Sources:
Secondary sources for LBP are identified as shallow soils along the perimeter of Buildings #1 and #2. Lead has low solubility, and transport from irrigation water or stormwater is considered limited. Surface waters are not present at the site or within 800 feet southwest of the site (Terracon 2025). Groundwater at the site has been measured at depths ranging approximately 5 to 6 feet bgs (Miller Pacific 2025); however, groundwater at the site is considered brackish and not of beneficial use. The school receives domestic potable water and landscape irrigation from a municipal supply. No direct exposure pathway to groundwater exists at the site.

Potential Exposure Pathways
Lead deposits into shallow soils are assumed to have low transportability, with transport mechanisms limited to direct contact and ambient air/dust that would result in potential dermal contact, ingestion, and inhalation.

4.1.2 Pesticides

Based on the age of the buildings, Buildings #1 and #2 may have been subject to weed abatement activities that included the application of pesticides.

Potential Primary Pathway:
The Potential Primary Pathways for the release of pesticides include application of pesticides along the building perimeters that would accumulate on surface soils over time. Historical pesticides generally included OCPs and arsenic.

Potential Secondary Sources:
Secondary sources for pesticides are identified as shallow soils along the perimeter of Buildings #1 and #2. OCPs and arsenic have low solubility and transport from irrigation water or stormwater is considered limited.

Potential Exposure Pathways
OCP deposits into shallow soils are assumed to have low transportability with transport mechanisms limited to direct contact and ambient air/dust that would result in potential dermal contact, ingestion, and inhalation.

4.1.3 Undocumented Fill Material

A historical slough was present on the northern and central portions of the site. It is assumed that imported fill material was utilized during site development to bring the slough to existing grade.

Potential Primary Pathway:
The Potential Primary Pathway is identified as the unknown fill material brought on-site to fill in the slough to the existing grade. Based on the unknown source of the fill material, there is the potential for the fill material to be impacted with TPH, VOCs, SVOCs, OCPs, PCBs, CAM 17 Metals, hexavalent chromium, and asbestos.

Potential Secondary Sources:
Secondary sources associated with the undocumented fill material include soils within the footprint of the slough. Groundwater at the site is present at depths of approximately 5 to 6 feet bgs. VOCs, hexavalent chromium, and to an extent, TPH and SVOCs, are soluble and can be transported through surface irrigation water and stormwater, which are considered potential pathways. Furthermore, VOCs have the potential for transport through groundwater and off-gassing into soil vapor.

OCPs, PCBs, CAM 17 Metals, and asbestos have low solubility and transport from irrigation water or stormwater is considered limited.

Potential Exposure Pathways
The potential exposure pathways for the COPCs associated with the undocumented fill material in soils are identified to include direct contact and ambient air/dust that would result in potential dermal contact, ingestion, and inhalation. Though groundwater is not identified for beneficial use at the site, direct contact with groundwater presents a potential pathway for dermal contact and accidental ingestion. Additionally, inhalation of soil vapor resulting from off-gassing of impacted groundwater represents a potential exposure pathway.

4.1.4 Aerially Deposited Lead

ADL associated with historical lead-gasoline exhaust is identified as a Potential Primary Release Mechanism.

Potential Primary Pathway:
The use of leaded gasoline in vehicles during the 1940s coincided with the presence of the historical roadway. ADL would be transported through vehicle exhaust and be dispersed to surfaces within and near the roadway.

Potential Secondary Sources:
Secondary sources for ADL are identified as soils in the footprint and adjoining the former roadway. Lead has low solubility, and transport from irrigation water or stormwater is considered limited.

Potential Exposure Pathways
Lead deposits into shallow soils are assumed to have low transportability, with transport mechanisms limited to direct contact and ambient air/dust that would result in potential dermal contact, ingestion, and inhalation.

5.0 Sampling and Analytical Plan

Based on the identified COPCs, the following areas of potential concern (AOPCs) were identified:

REC / Site Concern	Area of Potential Concern
Lead-Based Paint	Building Perimeters
Pesticide Application	
Undocumented Fill Material	Footprint of historical slough.
Aerially Deposited Lead	Footprint of historical roadway.

Based on the AOPCs identified, Terracon's initial sampling event conducted in April 2025 included the following borings to investigate each AOPC:

REC / Site Concern	Area of Potential Concern	No. of Borings	Boring IDs
Lead-Based Paint	Building Perimeters	35	S01 – S35
Pesticide Application			
Undocumented Fill Material	Footprint of historical slough.	23	S05-S12, S14-S17, S20-S22, S30-S36, S40
Aerially Deposited Lead	Footprint of historical roadway.	8	S10, S11, S13, S14, S36-S39

Additionally, at the request of the client, four additional borings (S40-S43) were advanced within the southeastern portions of the site in the vicinity of proposed shade structures planned for installation during Site redevelopment. The purpose of S40-S43 was to pre-characterize soils prior to future off-haul and disposal. Based on the absence of RECs and/or site concerns associated with the southeastern portion of the site, sampling was not completed around Buildings #3 and #4.

Based on the findings of an initial sampling event conducted in April 2025, a second sampling event was conducted in July 2025. The analytical results from Terracon's initial site investigation identified metals arsenic, cadmium, hexavalent chromium, and lead at concentrations exceeding Department of Toxic Substances Control (DTSC) Screening Levels (SLs) for residential (unrestricted) land use criteria. Organochlorine pesticides were not reported in the initial sampling event at concentrations exceeding their respective residential screening levels.

The step-out sampling was conducted surrounding boring locations identified with DTSC-SL exceedances, as well as four additional borings located throughout the site to evaluate for hexavalent chromium concentrations within the slough fill material. The following summarizes the purpose of the additional sampling locations completed as part of the July 2025 event:

April 2025 Boring IDs	Directions of Step Out Sample				Total Boring Depth (ft bgs)	Metal of Concern
	North	East	South	West		
S02	X	X		X	2.5	Arsenic, Cadmium
S08		X	X		3.0	Hexavalent Chromium
S10	X	X		X	2.5	Lead
S15	X		X	X	3.0	Arsenic, Hexavalent Chromium
S27	X		X	X	2.5	Lead
S31	X	X		X	2.5	Lead
S32	X		X	X	3.0	Arsenic
S33	X		X	X	3.0	Lead
S37	X	X	X	X	2.5	Lead
S40	X	X	X	X	2.5	Hexavalent Chromium
Background Boring	**Location**				**Total Boring Depth (ft bgs)**	**Metal of Concern**
S46	South of Building 1				2.5	Hexavalent Chromium
S47	Western Exterior of Building 1				2.5	Hexavalent Chromium
S48	Northeastern portion of Site between Buildings 1 and 2				2.5	Hexavalent Chromium
S49	South of Building 1				2.5	Hexavalent Chromium

The step-out borings were placed approximately 5 feet laterally from the original borings in approximate cardinal directions and were limited relative to the presence of the existing buildings and/or playground structures. The approximate step out locations are depicted on Exhibits 7, 8, 9, and 10.

The sampling events are discussed further in Section 6.

6.0 Field Investigation

6.1 Pre-Mobilization Activities

Terracon has a commitment to the safety of all its employees. As such, and in accordance with our *Incident and Injury Free*® safety culture, Terracon developed a safety plan to be used by our personnel during field services. Prior to commencement of on-site activities, Terracon held a meeting to review health and safety needs for this specific project. Fieldwork was performed in an U.S. Occupational Safety and Health Administration (OSHA) Level D work uniform consisting of hard hats, safety glasses, protective gloves, and steel-toed boots.

Pre-mobilization activities included the submission of a Utility Service Alert (USA) North 811 utility ticket and creation of a site-specific health and safety plan. On March 28 2025, the soil boring locations were marked prior to mobilizing to the site and USA North 811 was contacted more than 72 hours prior to drilling activities by Terracon personnel for clearance of public utilities.

Additionally, Ground Penetrating Radar Systems, Inc. (GPRS) performed a private utility locating survey of the proposed sampling prior to ground-breaking activities on April 7, 2025, and July 15, 2025. The survey was conducted to locate known utilities and to confirm that the proposed sampling locations were cleared of underground utility lines or anomalies. GPRS utilized electromagnetic induction (EMI) and ground penetrating radar (GPR) to perform the survey. Based on the results of the utility locating survey, the proposed boring locations were not moved significantly.

6.2 Soil Borings and Soil Sampling

Fieldwork was completed on April 7 and July 24, 2025, under oversight by a Terracon Professional Geologist (P.G.). Soil sample locations for the April 7, 2025, sampling event are shown on Exhibit 2. The additional samples collected in July 2025 are depicted on Exhibits 5 though 8.

6.2.1 Sampling Methodology

Borings S01 through S05, S18 through S29, and S40 through S44 were advanced using a 3-inch hand auger to maximum depths of 2.5 feet below grade surface (bgs). With the exception of S41 and S44, the remaining borings were advanced to a depth of 2.5 feet bgs using a direct push technology (DPT) drilling rig equipped with acetate liners. Refusal was encountered in boring S41 at approximately 6 inches bgs, where a concrete pad was encountered beneath the asphalt. Additionally, based on the presence of underground utilities and compacted soils near the pad-mounted transformer, boring S44 was only advanced to an approximate depth of 0.5 feet bgs.

Soil samples were collected from borings in the approximate intervals of 0.5 to 1.0 feet bgs and 2.0 to 2.5 feet bgs, with the exceptions of S41 and S44 noted above. For hand auger locations, soil samples were extracted by hand from the hand auger bucket using new disposable gloves and placed directly into laboratory-supplied glassware. For boring locations advanced with the DPT drill rig, the acetate liners were cut at the approximate intervals, covered with a Teflon sheet, and a tight-fitting plastic cap at both ends. Non-disposable sampling equipment was cleaned using a non-phosphate detergent wash and potable water rinse before the project began and before collecting each soil sample.

Each sample container was labeled with the project number, date, time, boring number, and sample number. Immediately after sampling, the containers were placed in a chilled

cooler and subsequently transported to SunStar Laboratories, a California State-accredited laboratory, following chain-of-custody procedures.

At the completion of boring activities, soil cuttings and neat cement were used to backfill the soil borings.

7.0 Laboratory Analytical Methods

The chain-of-custody forms in Appendix C indicate the sample names, dates and times collected, containers, and the requested target analytes and analytical methods.

Both discrete and composite soil samples were submitted for laboratory analysis. Please refer to the attached Table 1 – Sampling and Analytical Plan for the composite soil sampling scheme.

Based on the area of concern, soil samples were analyzed for the following:

REC/Site Concern	Laboratory Analytical
Undocumented Fill Material	■ Total Petroleum Hydrocarbons (TPH) as gasoline range organics (TPH-GRO), diesel range organics (TPH-DRO), and motor oil organics (TPH-MORO) by Environmental Protection Agency (EPA) Method 8015; ■ Volatile Organic Compounds (VOCs) by EPA Method 8260; ■ Semi-volatile Organic Compounds (SVOCs) by EPA Method 8270; ■ Organochlorine Pesticides (OCPs) by EPA 8081; ■ Polychlorinated Biphenyls (PCBs) by EPA Method 8082; ■ California Administrative Manual (CAM) 17 Metals by EPA Methods 6020/7471; and, ■ Hexavalent chromium by EPA Method 7199.
Lead-Based Paint	■ Lead by EPA Method 6010.
Pesticide Application	■ OCPs by EPA Method 8081.
Aerially Deposited Lead	■ Lead by EPA Method 6010.

Data packages were checked for completeness upon receipt from the laboratory to ensure that data and quality assurance/quality control (QA/QC) information requested were present. Data quality was assessed by considering holding times, surrogate recovery, method blanks, matrix spike and matrix spike duplicate recovery, and method reporting limits. Based upon our interpretation of quality control information provided by the laboratory, it is our opinion that the overall dataset is qualified as usable for the purposes of this LSI.

8.0 Data Evaluation

8.1 Screening Criteria

Soil analytical results were compared to the Department of Toxic Substances Control (DTSC) Screening Levels (SLs), established in June 2020, revised in April 2025. The following potential exposure scenarios were considered for this Site:

Residential Land Use: This SL category is used for comparison for sites where unrestricted future land-use is sought. Unrestricted land uses may include residential, K-12 schools, health care, day care centers, and other sensitive purposes. The SLs for the residential land use category incorporate assumptions of long-term, frequent exposure of children and adults in a residential setting. These SLs are appropriate for unrestricted use of a property, such as a school.

Commercial or Industrial Use: This SL category assumes working-age adults are regularly present at the site. The direct-exposure assumptions in these SLs assume shorter, less frequent exposure for receptors compared to residential land use receptors.

The DTSC-SLs were used as the primary screening levels; however, where DTSC-SLs were not established for a given analyte, Terracon substituted the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs), published November 2024. If both DTSC-SL and EPA RSLs were not established, Terracon compared the results to the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs), published July 2025, revised September 2025 (revision 3, SFBRWQCB 2025).

For the purposes of the analytical results discussion, the following is noted for clarity:

- The DTSC-SL, EPA RSLs, and SFBRWQCB ESLs have both cancer-risk and/or non-cancer risk criteria established for a given analyte. For the purposes of this discussion, the lower screening threshold for a given analyte will be used to evaluate if the concentration exceeds the screening level, and a distinction between cancer and non-cancer screening levels is not discussed. The analytical summary tables included as attachments to this report include both cancer and non-cancer screening criteria for reference.
- The following discussion will utilize ‘screening level’ and/or ‘SL’, but will not state the publishing agency (DTSC, EPA, or SFBRWQCB). The SLs used will follow the established criteria discussed above. The analytical summary tables included as attachments to this report include a reference to which published screening criteria are used.

8.2 Soil Analytical Results

8.2.1 Potential Presence of Lead and OCPs Along Building Perimeter

The main school and multi-purpose buildings (Buildings 1 and 2) were identified in Terracon's Phase I ESA to have been developed in 1955. The subsequent hazardous building materials survey also confirmed the presence of lead-based paint (LBP) applied as surface coatings to Buildings 1 and 2. Based on the potential for historical lead-based paint LBP chipping/flaking from the structures and pesticide application along the building perimeter, Terracon advanced borings S01 through S35 along the building perimeters in April 2025.

Soil samples collected in these borings were composited by the laboratory into 3-point and 2-point composite samples by depth, resulting in 24 composite samples analyzed for lead and OCPs. Locations of composite groups are shown in Exhibit 3.

Concentrations of OCPs in the 24 composite soil samples analyzed were not reported above their respective laboratory reporting limits.

Lead was reported ranging from 13 milligrams per kilogram (mg/kg) in sample COMP02-2.5 to a maximum concentration of 280 mg/kg in sample COMP06-1.0. Of the composite soil samples analyzed, the following six samples were reported with concentrations of lead exceeding the residential SL for lead of 80 mg/kg:

- COMP04-1.0: 150 mg/kg
- COMP06-1.0: 280 mg/kg
- COMP08-1.0: 210 mg/kg
- COMP09-1.0: 120 mg/kg
- COMP11-1.0: 90 mg/kg
- COMP11-2.5: 88 mg/kg

Terracon requested that the laboratory analyze each member of the composite soil samples discretely for lead. Of the 18 discrete soil samples analyzed, the following exceedances of the residential DTSC-SLs were reported in the discrete samples. Exhibit 4 shows the location of those discrete locations with exceedances.

Composite ID	Composite Lead Concentration	Discrete Sample ID	Discrete Lead Concentration
COMP04-1.0	150 mg/kg	S10-1.0	130 mg/kg
COMP09-1.0	120 mg/kg	S27-1.0	98 mg/kg
COMP11-1.0	90 mg/kg	S31-1.0	130 mg/kg
COMP11-2.5	88 mg/kg	S33-2.5	130 mg/kg

COMP04

Composite Group 04 was comprised of borings S10, S11, and S12. Boring S10 was advanced within an unpaved planter box located adjacent to the main school building (Building 1). Borings S11 and S12 were advanced adjacent to the main school building in areas paved with asphalt and/or concrete. Lead was reported in sample S10-1.0 at a concentration of 130 mg/kg; however, lead was reported in samples S11-1.0 and S12-1.0 at concentrations of 9.1 mg/kg and 7.3 mg/kg, respectively, and below the residential SL of 80 mg/kg. Additionally, the COMP04-2.5 sample was reported with 26 mg/kg of lead.

COMP09

Composite Group 09 included borings S25, S26, and S27, located in an unpaved portion of an exterior courtyard on the northeastern exterior of the main school building (Building 1). Discrete sample, S27-1.0, was reported with 98 mg/kg, while the remaining two discrete soil samples within the composite group were reported with lead concentrations of 4.8 mg/kg in S25-1.0 and 14 mg/kg in S26-1.0.

COMP11

Composite Group 11 consisted of borings S31, S32, and S33 located around the multi-purpose building (Building 2) beneath asphalt pavement (S31 and S32) and an unpaved grass area (S33). The composite soil samples from both depth intervals in the COMP11 were reported with lead concentrations above the residential SL of 80 mg/kg.

Following discrete analysis for the soil samples in COMP11, samples S31-1.0 and S33-2.5 were reported with lead concentrations of 130 mg/kg. The remaining discrete sample results from COMP11 were below the residential SL for lead.

Step-Out Sampling

Based on the lead concentrations reported in the building perimeter samples, step-out sampling was performed for borings S10, S27, S31, and S33. Based on the April 2025 sampling results, further analysis for OCPs was not conducted. The step out sampling locations and associated analytical data for lead are depicted on Exhibit 10.

Three step-out borings were completed around S10 in the approximate northern, eastern, and western directions. Lead concentrations in the samples collected from 0.5 to 1 feet bgs in the step out borings were reported at concentrations ranging from 9.22 to 30.2 mg/kg, below the residential SL of 80 mg/kg. Lead concentrations exceeding the DTSC SL in S10 appear limited in distribution relative to the 130 mg/kg concentration reported in the S10-1.0 sample.

Three step-out borings were completed around S27 in the approximate northern, southern, and western directions. Lead concentrations in the samples collected from 0.5 to 1 foot bgs in the step out borings were reported as 9.59 mg/kg in the northern

sample (S27-5N), 156 mg/kg in the southern sample (S27-5S), and 18.4 mg/kg in the western sample (S27-5W). Based on the reported concentration exceeding the residential SL in the southern step out sample, Terracon requested the laboratory to run the 2.0- to 2.5-foot sample in S27-5S, which was reported as 12 mg/kg.

Three step-out borings were completed around S31 in the approximate northern, northeastern, and western directions. Lead concentrations in the samples collected from 0.5 to 1 feet bgs in the step out borings were reported ranging from 3.49 to 28.3 mg/kg, below the residential SL of 80 mg/kg. Lead concentrations exceeding the DTSC SL in S31 appear limited in distribution relative to the 130 mg/kg concentration reported in the S31-1.0 sample.

Three step-out borings were completed around S33 in the approximate northeastern, southeastern, and southwestern directions. Based on the sample results for lead in S33, which included lead SL exceedances in deeper samples analyzed, Terracon requested the laboratory analyze both the 0.5 to 1.0 feet bgs and 2.0 to 2.5 feet bgs samples for lead. The following lead concentrations were reported in mg/kg:

Boring ID	Lead Concentration (0.5 to 1.0 ft bgs)	Lead Concentration (2.0 to 2.5 ft bgs)	Lead Concentration (2.5 to 3.0 ft bgs)
S33	21	130	Not collected
S33-5NE	38.7	302	18
S33-5SE	42.8	23.2	Not analyzed
S33-5SW	57.4	94.8	21

Based on the sampling results, Terracon requested the laboratory also run the samples collected from 2.5 to 3.0 feet bgs in S33-5NE and S33-5SW. Lead was reported at concentrations of 18 mg/kg in sample S33-5NE-3.0 and 21 mg/kg in sample S33-5SW-3.0.

8.2.2 Aerially Deposited Lead in Area of Former Roadway

Borings S36 through S39 were advanced within the footprint of a historical roadway, formerly an extension of Fountain Street through the approximate center of the Site. Lead concentrations in the eight soil samples analyzed from this area were reported, ranging from 13 mg/kg in S37-2.5 to 80 mg/kg in S37-1.0. The reported concentration in S37-1.0 is equal to the residential SL for lead of 80 mg/kg, and the remaining sample results were below the residential SL.

Based on the reported lead concentrations, four step-out borings were completed around S37 in the approximate northern, eastern, southern, and western directions. Lead concentrations in the samples collected from 0.5 to 1 feet bgs in the step out borings were reported ranging from 15.6 to 42.7 mg/kg, below the residential SL of 80 mg/kg.

Lead concentrations exceeding the DTSC SL in S37 appear limited in distribution relative to the 80 mg/kg concentration reported in the S37-1.0 sample.

8.2.3 Pad-Mounted Transformer

Though not identified as an Apparent Problem, Terracon collected one soil sample from approximately 0 to 0.5 feet bgs at boring location S44, adjacent to a pad-mounted transformer. Concentrations of PCBs were not reported above laboratory reporting limits (RLs) in sample S44-0.5 and were below respective residential SLs.

Based on the analytical results, no further sampling was completed near the pad-mounted transformer during Terracon's second field mobilization in July 2025.

8.2.4 Undocumented Fill Material and Vicinity of Proposed Shade Structures

Soil samples from the following borings were submitted for laboratory analysis of TPH, VOCs, SVOCs, PCBs, OCPs, CAM 17 Metals, and hexavalent chromium:

Boring IDs	Assessment Area
S02	Background Concentration Evaluation
S08	Undocumented Fill Material
S15	
S32	
S39	
S40	
S41	Soil Characterization for Proposed Shade Structures
S42	
S43	

Concentrations of TPH-GRO, SVOCs, OCPs, and PCBs were not reported above laboratory reporting limits (RLs) in the soil samples analyzed from the above-listed borings. TPH-DRO was detected in one soil sample, S32-1.0, at a concentration of 17 mg/kg, which is below the residential SL of 200 mg/kg. TPH-ORO was detected above laboratory RLs in five soil samples, ranging in concentration from 110 to 160 mg/kg. The reported concentrations of TPH-ORO are below the residential SL of 12,000 mg/kg.

Of the VOCs included in the analysis, acetone was the only analyte reported above laboratory RLs. Concentrations of acetone were reported in soil samples ranging from 0.011 mg/kg to 0.040 mg/kg and below respective residential and commercial/industrial SLs.

Of the heavy metals detected, arsenic, cadmium, hexavalent chromium, and mercury were reported at concentrations exceeding respective SLs.

Based on the initial analytical results from the April 2025 sampling event, only the analytes arsenic, cadmium, hexavalent chromium, and mercury were included in the analysis. The analytical results for the initial sampling and step-out sampling events are discussed further below.

Arsenic

Arsenic was reported at concentrations ranging 3.7 mg/kg to 22 mg/kg, which exceeds the residential SL of 0.032 mg/kg and the commercial/industrial SL of 0.13 mg/kg. According to the *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region*, prepared by Dylan Jacques Duvergé, dated December 2011, average arsenic concentrations in the greater San Francisco Bay area range from 0.61 mg/kg up to 11 mg/kg. Concentrations of arsenic reported in samples S02-1.0 (18 mg/kg), S15-1.0 (22 mg/kg), S15-2.5 (12 mg/kg), and S32-2.5 (12 mg/kg) were reported above this established regional background concentration. Based on the initial results, step-out sampling was completed for borings S02, S15, S32, and S40 and the step out locations are depicted on Exhibit 7.

Step out sampling was conducted in the approximate northern, eastern, and western directions relative to S02. Arsenic was reported at concentrations ranging from 5.2 to 6.3 mg/kg in the samples collected and analyzed from 0.5 to 1.0 feet bgs. The arsenic concentrations in the step-out samples from S02 are within the background concentration of 11 mg/kg.

Step out sampling was conducted in the approximate northern, southern, and western directions relative to S15. Arsenic was reported at the following concentrations in the step-out samples from S15, reported in mg/kg:

Boring ID	Arsenic Concentration		
	0.5 to 1.0 ft bgs	2.0 to 2.5 ft bgs	2.5 to 3.0 ft bgs
S15	22	12	Not analyzed
S15-5N	16	19	3.3
S15-5S	8.7	8.9	Not analyzed
S15-5W	6.0	5.0	Not analyzed

Step out sampling was conducted in the approximate northern, eastern, southern, and western directions relative to S15. Arsenic was reported at concentrations ranging from 3.3 to 19 mg/kg in the samples collected and analyzed from 0.5 to 3.0 feet bgs. The arsenic concentrations in the step-out samples from S15 are not within the background

concentration of 11 mg/kg, except for the southern and western sample locations, and for the northern sampling after 2.5 feet bgs.
Step out sampling was conducted in the approximate northeastern, southeastern, and southwesterly directions relative to S32. Arsenic was reported at the following concentrations in the step-out samples from S32, reported in mg/kg:

Boring ID	Arsenic Concentration		
	0.5 to 1.0 ft bgs	2.0 to 2.5 ft bgs	2.5 to 3.0 ft bgs
S32	5.9	12	Not analyzed
S32-5NE	8.4	11	Not analyzed
S32-5SE	5.1	13	12
S32-5SW	4.7	6.2	Not analyzed

Step out sampling was conducted in the approximate northern, eastern, southern, and western directions relative to S32. Arsenic was reported at concentrations ranging from 4.7 to 13 mg/kg in the samples collected and analyzed from 0.5 to 3.0 feet bgs. The arsenic concentrations in the step-out samples from S32 at depths ranging from 2.0 to 3.0 are not within the background concentration of 11 mg/kg and the remaining samples between 0.5 to 1.0 are within the background concentrations.

Step out sampling was conducted in the approximate northern, eastern, southern, and western directions relative to S40. Arsenic was reported at concentrations ranging from 4.0 to 6.6 mg/kg in the samples collected and analyzed from 0.5 to 1.0 feet bgs. The arsenic concentrations in the step-out samples from S40 are within the background concentration of 11 mg/kg.

Cadmium
Cadmium was reported at a concentration of 13 mg/kg in sample S02-1.0, which exceeds the residential SL of 7.1 mg/kg. Cadmium was not reported above laboratory RLs in the deeper sample collected from the same location, S02-2.5. Additionally, the remaining detections of cadmium in soil samples analyzed were below the residential SL or not detected above laboratory RLs.

Step out sampling was conducted in the approximate northern, eastern, and western directions relative to S02 as depicted on Exhibit 8. Cadmium was not reported above laboratory RLs in the samples collected from 0.5 to 1.0 foot bgs in the step out samples around S02.

Mercury
Mercury was detected above laboratory RLs in 12 soil samples ranging from 0.29 mg/kg to 1.3 mg/kg. The reported concentration of mercury in S02-2.5 (0.75 mg/kg) and S08-2.5 (1.3 mg/kg) exceeds the residential SL of 0.67 mg/kg, but is below the

commercial/industrial SL of 2.9 mg/kg. Prior to April 2025, the residential SL for mercury was established at 1.0 mg/kg and step-out sampling around S02 for mercury was not completed.

Step out sampling was conducted in the approximate northern, eastern, and western directions relative to S08 as depicted on Exhibit 8. Mercury was reported above laboratory RLs in the samples collected from 2.0 to 2.5 foot bgs in the step out samples around S08, and was reported above the residential SLs in sample S08-5E-2.5 at 1.0 mg/kg.

Hexavalent Chromium

Hexavalent chromium was detected above laboratory RL in four samples, ranging from 0.40 mg/kg to 0.49 mg/kg. The reported concentrations of hexavalent chromium exceed the residential SL of 0.3 mg/kg, but are below the commercial/industrial SL of 6.2 mg/kg. Based on the initial analytical results, step out sampling was conducted for borings S08, S15, and S40. Four additional borings, S46-S49, were advanced within the footprint of the area of the fill material to assess for hexavalent chromium. The step out sample locations and additional boring locations are depicted on Exhibit 9.

Samples from S08 at 0.5 to 1.0 and 2.0 to 2.5 feet bgs were reported with 0.46 mg/kg and 0.49 mg/kg of hexavalent chromium, respectively. Based on the presence of a play structure, two step-out borings were advanced to the south and east of S08. Concentrations of hexavalent chromium within these two borings were not reported above laboratory RLs in samples collected at 0.5 to 1.0 feet bgs and 2.0 to 2.5 feet bgs. Hexavalent chromium was reported in S15-1.0 at 0.40 mg/kg, but was not reported above laboratory RLs in the deeper sample, S15-2.5. In the three step-out borings placed around S15, hexavalent chromium was not reported above laboratory RLs in the samples collected and analyzed from 0.5 to 1.0 foot bgs.

Hexavalent chromium was reported in S40-1.0 at 0.42 mg/kg, but was not reported above laboratory RLs in the deeper sample, S40-2.5. In the four step-out borings placed around S40, hexavalent chromium was not reported above laboratory RLs in the samples collected and analyzed from 0.5 to 1.0 foot bgs.

Four additional borings, S46-S49, were advanced in the footprint of the fill material. Samples collected from 0.5 to 1.0 and 2.0 to 2.5 feet bgs were analyzed in each of the borings for hexavalent chromium. The following analytical results were reported in mg/kg:

Boring IDs	Hexavalent Chromium Concentration	
	0.5 to 1.0 ft bgs	2.0 to 2.5 ft bgs
S46	<0.052	<0.049
S47	0.35	0.45
S48	0.33	<0.049
S49	<0.051	<0.052

8.3 Quality Control/Quality Assurance and Data Validation

Quality control/quality assurance (QC/QA) of analytical data was maintained using the following methods and procedures:

- Established reporting limits (RLs) with the laboratory that meet data quality objectives (DQOs) established by the DTSC SLs, EPA RSLs, and SFBRWQCB ESLs;
- Laboratory QA/QC controls, such as laboratory control standard (LCS), matrix spike (MS), and matrix spike duplicate (MSD);
- Collection of samples in laboratory-provided containers;
- Chain-of-custody protocols;
- Storage and transportation of soil samples in secured chilled containers; and,
- Decontamination of reusable sampling equipment.

Any discrepancy in the laboratory QC/QA is notated in the laboratory reports, which are included as Appendix C.

No other discrepancies or data failures are noted, and the data is considered to substantially meet DQOs.

8.4 Summary of Results

Based on the findings of this investigation, COPCs associated with historical pesticide application do not appear to be of concern based on the absence of detected OCP concentrations within samples collected along the building perimeters. Furthermore, the documented fill material does not appear to be impacted with TPH, VOCs, SVOCs, OCPs, or PCBs at concentrations exceeding respective residential SLs.

LBP was documented for the exteriors of Buildings 1 and 2. Lead concentrations exceeded the residential SL in the following samples collected from the building perimeters:

Sample ID	Location	Lead Concentration (mg/kg)
S10-1.0	Unpaved - Planter Box adjacent to Building 1	130
S27-1.0	Unpaved – Landscaped area adjacent to Building 1	98 mg/kg
S31-1.0	Paved – Adjacent to Building 2	130
S33-2.5	Unpaved – Grass area adjacent to Building 2	130

For soil samples collected within the footprint of the former roadway, soil sample S37-1.0 was reported with 80 mg/kg of lead, which is equal to the residential SL. As discussed above, soil sample S10-1.0 was reported with a concentration of 130 mg/kg of lead. Boring S10 was located adjacent to Building 1, within the footprint of the former roadway, and in the area of the undocumented fill material.

Several soil samples were collected throughout the Site to assess the undocumented fill material, which reported concentrations of arsenic, cadmium, lead, hexavalent chromium, and mercury at concentrations exceeding respective residential SLs. Exhibit 4 shows the locations and associated concentrations of heavy metals exceeding their respective SLs and is summarized as follows:

Sample ID	Analyte(s)	Reported Concentration (mg/kg)	Residential SL (mg/kg)
S02-1.0	Arsenic	18	0.032
	Cadmium	13	7.1
S08-1.0	Hexavalent Chromium	0.46	0.3
S08-2.5	Hexavalent Chromium	0.49	0.3
	Mercury	1.3	0.67
S10-1.0	Lead	130	80
S15-1.0	Arsenic	22	0.032
	Hexavalent Chromium	0.40	0.3
S15-2.5	Arsenic	12	0.032
S27-1.0	Lead	98	80
S31-1.0	Lead	130	80
S32-2.5	Arsenic	12	0.032
S33-2.5	Lead	130	80
S37-1.0	Lead	80	80
S40-1.0	Hexavalent Chromium	0.42	0.3

Step-out sampling was conducted in the vicinity of these borings to further delineate the presence of the identified COPCs. The following was identified:

- Arsenic was reported to exceed the maximum regional background concentration of 11 mg/kg in four of the initial soil borings completed in April 2025.
    - Step out sampling in results in S02 and S40 did not identify arsenic at concentrations exceeding 11 mg/kg.
    - Step out sampling in S15 in the northern direction (S15-5N) identified arsenic at concentrations of 16 mg/kg (0.5 to 1.0 ft bgs), 19 mg/kg (2.0 to 2.5 ft bgs), and 3.3 mg/kg (2.5 to 3.0 ft bgs).
    - Step out sampling in S32 in the southeastern direction identified arsenic concentrations at exceeding the 11 mg/kg background concentration in the 2.0 to 2.5 ft bgs interval (13 mg/kg), and 2.0 to 3.0 ft bgs interval (12 mg/kg).
- Cadmium was reported below the residential SL of 7.1 mg/kg in the step out samples collected around S02.
- Mercury was reported above the residential SL of 0.67 mg/kg in the step-out samples collected around S08.
- Lead concentrations were reported above the residential SL of 80 mg/kg in the step-out samples collected for S27 and S33. These borings were located in unpaved areas adjacent to Buildings 1 and 2, respectively.
- Hexavalent chromium was not reported above laboratory RLs in the step-out samples collected around S08, S15, and S40; however, it was reported above the residential SL in the background sample locations of S47 and S48. Spatially, borings S08, S15, S40, S46, and S48 are located within the footprint of the fill material associated with the former slough.

9.0 Human Health Screening Evaluation

A Human Health Screening Evaluation (HHSE) presented below is based on the analytical results from the PEA sampling and detected concentrations relative to the screening criteria outlined in Section 8.1.

9.1 Contaminants of Potential Concern

Based on the historical review of the site, the COPCs identified for the site included TPH, VOCs, SVOCs, OCPs, PCBs, CAM 17 Metals, and hexavalent chromium.

Based on the analytical results presented in this PEA report, TPH, VOCs, SVOCs, OCPs, PCBs, and metals antimony, barium, beryllium, total chromium, cobalt, copper, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc were not reported in concentrations above respective DTSC SLs for residential (unrestricted) land use and do not represent a COPCs.

Metals arsenic, cadmium, lead, hexavalent chromium, and mercury were reported at concentrations exceeding residential DTSC SLs in soil samples analyzed and represent COPCs for the site.

9.2 Exposure Pathways

Exposure pathways at the site include:

Contaminants of Concern	Medium	Exposure Scenario	Exposure Pathway
Arsenic, Cadmium, Lead, Hexavalent Chromium, Mercury	Soil	Exposure to soil during earthwork activities, including future environmental investigations and/or construction work.	Dermal contact, ingestion, inhalation
	Groundwater	Groundwater was encountered at depths of approximately 5 to 6 feet bgs in geotechnical borings completed at the site (Miller Pacific 2025). Groundwater at the site is considered brackish and not of beneficial use. The school receives domestic potable water and landscape irrigation from a municipal supply. No direct exposure pathway to groundwater at the site exists.	Not a complete pathway
	Vapor	Sources for potential vapors were not identified for the site.	Not a complete pathway

9.3 Potential Receptors

The site currently operates as an elementary school and is proposed for redevelopment with a new elementary school campus, with construction expected to begin in 2026. Future on-site receptors will include AUSD staff, students, and third-party contractors, such as maintenance and utility workers. Potential off-site receptors include persons occupying the adjoining residential neighborhoods.

Groundwater is present at depths of approximately 5 to 6 feet bgs at the site. Based on a review of the California Waterboard Groundwater Information System, there are no domestic, irrigation/industrial, municipal, or other water supply wells located within 1,000 feet of the site.

Based on a review of the United States Fish & Wildlife Service – National Wetlands Inventory map, bodies of water are not present on-site. The closest surface water is a man-made lake, located approximately 175 feet north of the site and the San Francisco Bay located 650 feet southwest of the site.

Based on a review of the National Oceanic and Atmospheric Administration (NOAA) Sea Level Rise Viewer, portions of the site are mapped as a low-lying area at the projected 3-foot sea level rise by 2100, but are not mapped within the sea level flooding areas.

9.4 Risk Assessment

Terracon utilized the maximum reported concentration for a given COPC and evaluated the associated hazard quotient and cancer risk, where appliable.

The hazard quotient was calculated using the maximum concentration divided by the non-cancer end point SL listed. The cancer risk was calculated by dividing the exposure point concentration by the cancer end point SL listed and multiplying by 10^{-6}.

The following total hazard quotient and cancer risk values were calculated for the site:

COPC	Exposure Point Concentration (mg/Kg)	Screening Levels		Hazard Quotient	Cancer Risk
		Cancer End Point	Non-Cancer End Point		
Acetone	0.04		*70,000*	5.71E-07	--
TPH-DRO	17	--	*200*	8.50E-02	--
TPH-ORO	160	--	*12,000*	1.33E-02	--
Antimony	7	--	*31*	2.26E-01	--
Arsenic	22	0.032	0.41	5.37E+01	6.88E-04
Barium	360	--	*15,000*	2.40E-02	--
Beryllium	14	1,600	16	8.75E-01	8.75E-09
Cadmium	13	910	7.1	1.83E+00	1.43E-08
Chromium III	92	--	*85,000*	1.08E-03	--
Chromium VI	0.49	0.3	70	7.00E-03	1.63E-06
Cobalt	22	*420*	*23*	9.57E-01	5.24E-08
Copper	42	--	*3,100*	1.35E-02	--
Lead	302	--	80	3.78E+00	--
Mercury	1.3	--	0.67	1.94E+00	--
Molybdenum	13	--	*390*	3.33E-02	--
Nickel	160	15,000	820	1.95E-01	1.07E-08
Selenium	13	--	*390*	3.33E-02	--
Silver	16	--	*390*	4.10E-02	--
Vanadium	160	--	*390*	4.10E-01	--
Zinc	180	--	*23,000*	7.83E-03	--
			Total Hazard and Cancer Risk	6.41E+01	6.89E-04

(1) Values in Black = DTSC SL (April 2025)
(2) Values in Blue = EPA RSLs (November 2024)
(3) Values in Green = SFBRWQCB ESLs (September 2025)
-- = Screening Level not established by the DTSC, EPA, or SFBRWQCB

The total hazard index (non-cancer risk) was calculated to be 6.43E+01 for a residential land use scenario, which exceeded the hazard index threshold of 1.0E+00 for non-carcinogenic effects. Primary COPCs contributing towards excess non-cancer risk include arsenic (~84%), lead (~6%), mercury (~3%), and cadmium (~3%) in the site soil.

Total cancer risk was calculated to be 6.89E-04 for a residential land use scenario, which was in excess of the point of departure of 1.0E-6 for excess lifetime cancer risk. Primary COPCs contributing towards excess cancer risk include arsenic (~99.75%) and Chromium VI (~0.25%).

10.0 Ecological Screening Evaluation

An ecological risk assessment was performed to identify potential habitats that may be affected by the site COPCs. This evaluation is based on the criteria outlined in DTSC's PEA Guidance Manual, dated January 1994 (revised October 2015).

10.1 Site Characterization

The Frank Otis Elementary School campus is located at 3010 Fillmore Street in Alameda, Alameda County, California, and consists of an approximately 2.7-acre tract of land identified as Assessor Parcel Number (APN) 69-14-1. The school campus is improved with four school structures, asphalt-paved parking lot and playground (blacktop area), landscaping and utilities. Based on information presented in Terracon's Phase I ESA (Terracon 2025), the site was developed with the existing school campus (Building #1) from at least 1955 and was further improved with the remaining school structures from the 1970s through the 2010s.

The site and its topographic environment are shown on the United States Geological Survey (USGS) Topographic Map included as Appendix A. The closest surface water, according to the topographic map, is a manmade pond located approximately 175 feet north of the site. The San Francsico Bay is located approximately 650 feet southwest of the site. Wetlands, streams, springs, ponds, or other water sources are not mapped on the National Wetlands Inventory (US Fish & Wildlife 2025) for the site.

Additionally, Terracon reviewed the United States Fish and Wildlife Service (USFWS) Information for Planning and Conservation (IPaC) database for potential threatened and endangered (T&E) species that may be present at the site. Various T&E species were identified in the area of Alameda in which the site is located; however, since the site has been developed since the 1950s, the presence of T&E species is not likely.

10.2 Ecological Screening Evaluation Results

Based on the results of this informal biological assessment, it is Terracon's opinion that the project site does not provide suitable habitat for federal or state listed protected species based on the historically developed nature of the site and absence of Wetlands. Therefore, it is Terracon's opinion that the proposed redevelopment of the school would have no effect on federal or state listed species or suitable habitat.

11.0 Community Profile

Public notification is required prior to the onset of field work; however, fieldwork completed in April and July 2025 did not require notification since these investigations were conducted as preliminary screenings prior to DTSC oversight.

This PEA report is submitted to DTSC simultaneously with a required 30-day public review and comment period. The AUSD will make the PEA report available for public review and comment under Option A, separate from California Environmental Quality Act (CEQA) review.

In conjunction with the submittal of this PEA report to the DTSC, the AUSD has published a notice in the local newspaper and has posted a notice at the school site stating the district's determination to make the PEA available for public review and comment pursuant to subparagraph A 17213.1(a)(6) of the California Education Code.

On the date of publication of the notice, a 30 calendar-day period will commence in which the LUSD will receive written comments. A public hearing has been scheduled for November 18, 2025 to receive verbal comments.

The following review schedule is anticipated:

Action Item	Projected Schedule
Submittal of PEA Report to DTSC	October 22, 2025
Start of Public Notice Period	October 28, 2025
Date of Public Hearing	November 18, 2025
Completion of Public Review Period and Receipt of DTSC and Public Comments	December 1, 2025

Copies of all public comments and responses will be transmitted to DTSC and DTSC will be notified at the close of the public review period.

Key contacts for the Frank Otis Elemenatry School site PEA are as follows:

Alameda Unified School District	
Mailing Address	2060 Challenger Drive, Alameda, CA 94501
Contact	Construction Department
Contact Phone	510-337-7000
Contact Email	construction@alamedaunified.org

Department of Toxic Substances Control	
Mailing Address	8800 Cal Center Drive, Sacramento, CA 95286
Contact Name & Title	Lisa Holcomb, Project Manager
Contact Phone	916-255-6523
Contact Email	lisa.holcomb@dtsc.ca.gov

Newspaper: Alameda Times Star in East Bay Times	
Mailing Address	75 East Santa Clara Street, Suite 1100, San Jose, CA 95113
Contact Phone	925-935-2525
Contact Email	atslegals@bayareanewsgroup.com

The PEA information repositories are as follows:

Places of PEA Postings

Facility Information	Hours of Operation	
AUSD District Office 2060 Challenger Drive, Alameda, CA 94501 P: 510-337-7000	Monday	8:00am to 5:00pm
	Tuesday	8:00am to 5:00pm
	Wednesday	8:00am to 5:00pm
	Thursday	8:00am to 5:00pm
	Friday	8:00am to 5:00pm
	Saturday	Closed
	Sunday	Closed
Alameda Free Library – Main Library 1550 Oak Street, Alameda, CA 94501 P: 510-747-7740	Monday	10:00am to 6:00pm
	Tuesday	10:00am to 6:00pm
	Wednesday	10:00am to 6:00pm
	Thursday	10:00am to 6:00pm
	Friday	9:00am to 5:00pm
	Saturday	9:00am to 5:00pm
	Sunday	12:00pmt o 5:00pm
Department of Toxic Substances Control 8800 Cal Center Drive, Sacramento, CA 95286 P: 916-255-3545	Monday	8:00am to 5:00pm
	Tuesday	8:00am to 5:00pm
	Wednesday	8:00am to 5:00pm
	Thursday	8:00am to 5:00pm
	Friday	8:00am to 5:00pm
	Saturday	Closed
	Sunday	Closed

12.0 Conclusions and Recommendations

As part of this PEA and the findings of Terracon's Phase I ESA, RECs and environmental concerns were identified for the site to include:

- Lead-based paint;
- Pesticide application;
- Undocumented fill material; and,
- Aerially deposited lead.

Terracon field investigation included the advancement of 79 soil borings for the collection of discrete and composite samples for analysis of TPH, VOCs, SVOCs, OCPs, PCBs, CAM 17 metals, hexavalent chromium, and asbestos.

Based on the findings of this assessment, Terracon concludes the following:

- TPH, VOCs, SVOCs, OCPs, or PCBs were not reported above respective DTSC SLs for residential land use in the soil samples analyzed.
- The residential SL exceedances noted for cadmium in S02 is limited to the upper 0.5 to 1.0 foot sample with none of the step-out samples reported with concentrations above laboratory RLs. Based on the reported step out sampling results, the exceedance of cadmium in sample S02-1.0 appears as an outlier relative to the full analytical data set collected for the site.
- Mercury exceeded the residential SL of 0.67 mg/kg in sample S08-2.5 (1.3 mg/kg) and step out sample S08-5E-2.5 (1.0 m/kg). The area of S08 was also reported with hexavalent chromium exceedances, discussed further below.
- Arsenic was identified exceeding the background concentrations of 11 mg/kg in four of the soil borings, ranging from 12 to 22 mg/kg, which were completed in April 2025. Based on the initial results, the reported concentrations of arsenic in the step-out sampling for borings S02, S15, S32, and S40.
    - Based on the results of Step-down samples collected within the original borings and those from the step-out samples, the arsenic exceedances noted in samples S15-5N-1.0 (16 mg/kg), S15-5-2.5 (19 mg/kg), S32-5-SE-2.5 (13 mg/kg), and S32-5-SE-3.0 (12 mg/kg) are both laterally and vertically defined.
- Lead was identified exceeding the DTSC SL of 80 mg/kg in five of the soil borings completed in April 2025, including S10, S27, S31, S33, and S37.
    - Based on the results of Step-down samples collected within the original borings and those from the step-out samples, the lead exceedances noted

in samples S10-1.0 (130 mg/kg), S31-1.0 (130 mg/kg), and S37-1.0 (80 mg/kg) are both laterally and vertically defined.

- Results of the step out sampling identified further residential SL exceedances for lead in soil samples collected along the exterior wall of Building 1 (S27), and along the exterior of Building 2 (S33). Borings S27, S33, and their associated step-out borings, noted with lead exceedances, were located within landscaped areas adjacent to the buildings' exterior walls. The presence of the lead exceedances may be attributed to historical lead-based paint utilized on these structures.

- Of the 25 soil samples analyzed for hexavalent chromium, seven were reported with hexavalent chromium concentrations above laboratory RLs and ranging from 0.33 to 0.49 mg/kg. The detected concentrations of hexavalent chromium exceed the residential SL of 0.3 mg/kg. Spatially, the detections of hexavalent chromium appear to correlate with the documented fill material associated with the former slough.
- Based on the analytical results, historical pesticide application and aerially deposited lead do not appear to have impacted the site. Lead-based paint and the undocumented fill material associated with the slough appear to be potential sources for arsenic, cadmium, hexavalent chromium, mercury, and lead concentrations above respective residential SLs.

The CSM for the site identifies dermal contact, ingestion, and inhalation (respirable dust) as the primary routes of exposures to the identified metals for in students, school campus staff, and future construction workers.

Based on the findings of this PEA, Terracon recommends the preparation and implementation of a Removal Action Workplan (RAW) to remediate soils at the site identified with lead, hexavalent chromium, and mercury impacts at concentrations exceeding respective residential SLs.

13.0 References

California Department of Toxic Substances Control, *Information Advisory Clean Imported Fill Material Fact Sheet*, https://dtsc.ca.gov/information-advisory-clean-imported-fill-material-fact-sheet/, dated October 2001.

California Department of Toxic Substances Control, *Proven Technologies and Remedies Guidance Remediation of Organochlorine Pesticides in Soil*, https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/11/OCP_022610_final-2.pdf, dated February 26, 2010.

California Department of Toxic Substances Control, *Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels*, https://dtsc.ca.gov/wp-content/uploads/sites/31/2022/02/HHRA-Note-3-June2020-Revised-May2022A.pdf, dated June 2020, revised April 2025.

California Water Boards, Groundwater Information System, https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/

Duvergé, Dylan Jacques, *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region*, https://www.waterboards.ca.gov/sanfranciscobay/water_issues/available_documents/2011_Arsenic_Background_Duverge.pdf December 2011.

Environmental Protection Agency, *Regional Screening Levels (RSLs)*, https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables, dated November 2024.

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National Oceanic and Atmospheric Administration (NOAA), Sea Level Rise Viewer, https://coast.noaa.gov/slr/#/layer/slr, February 2022.

San Francisco Bay Regional Water Quality Control Board, 2019, *Environmental Screening Levels*, July 2025, revision 1.

Terracon Consultants, Inc., *Phase I Environmental Site Assessment*, Alameda Unified School District, 3010-3310 Fillmore Street, Alameda, California, April 6, 2025.

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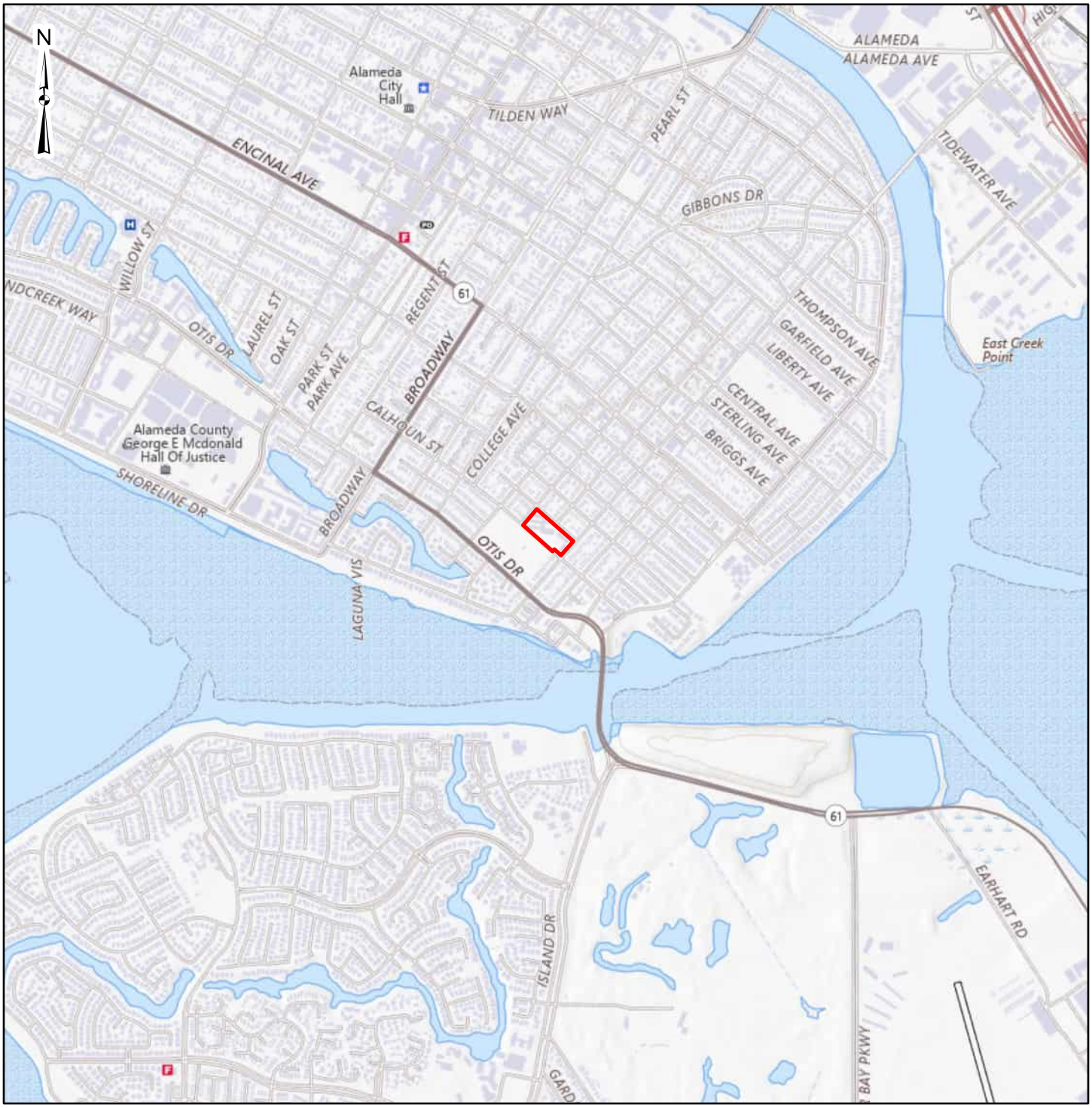
United State Environmental Protection Agency, Map of Radon Zones, https://www.epa.gov/sites/default/files/2014-08/documents/california.pdf, August 2014.

United States Fish and Wildlife Service – National Wetlands Inventory, Wetlands Mapper, https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/, October 2015

United States Geologic Survey, Geochemical and Mineralogical Maps, with Interpretation, for Soils of the Conterminous United States, Lead http://pubsdata.usgs.gov/pubs/sir/2017/5118/sir20175118_element.php, May 24, 2024.

APPENDIX A

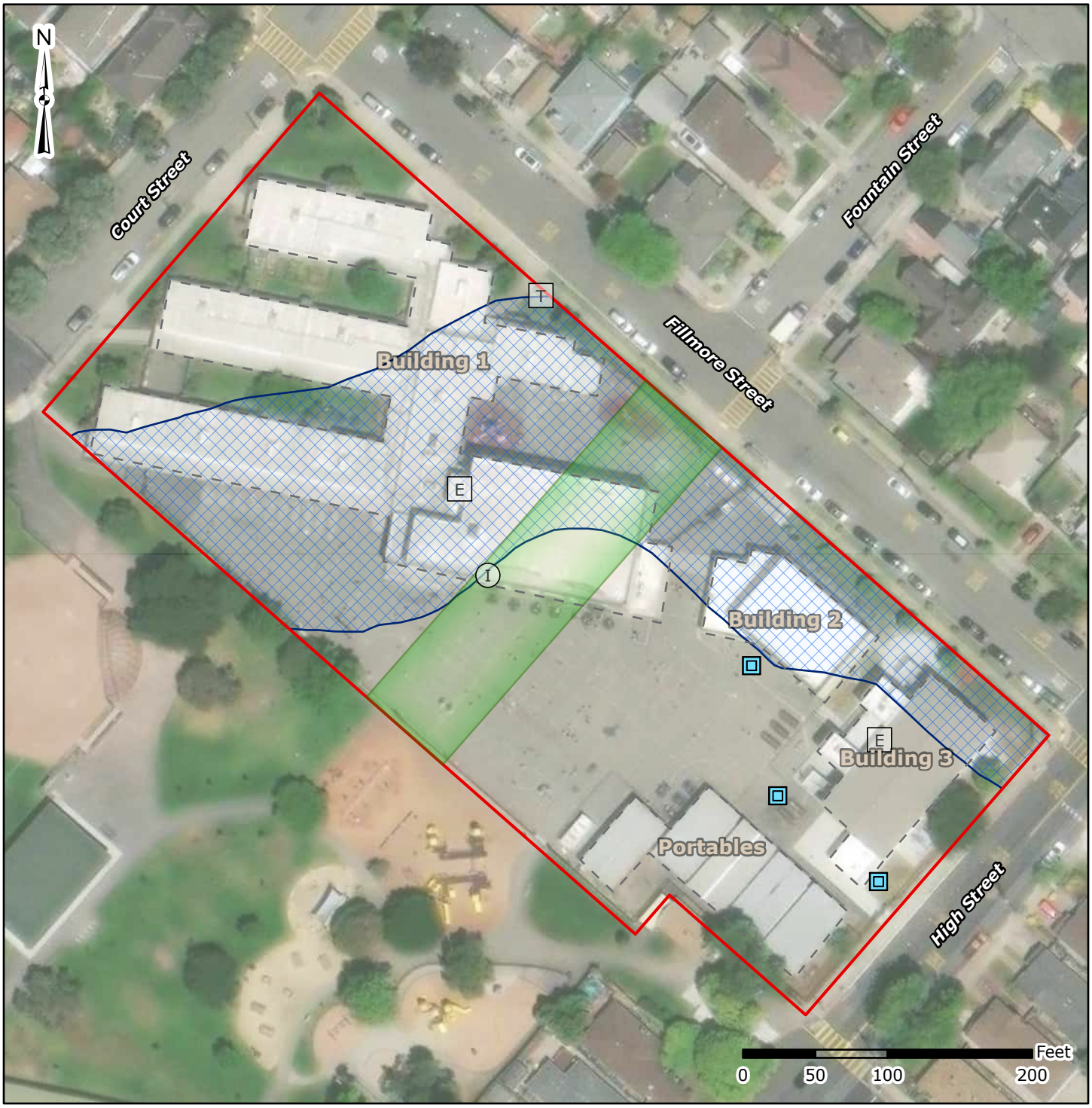
Exhibits



Site Boundary

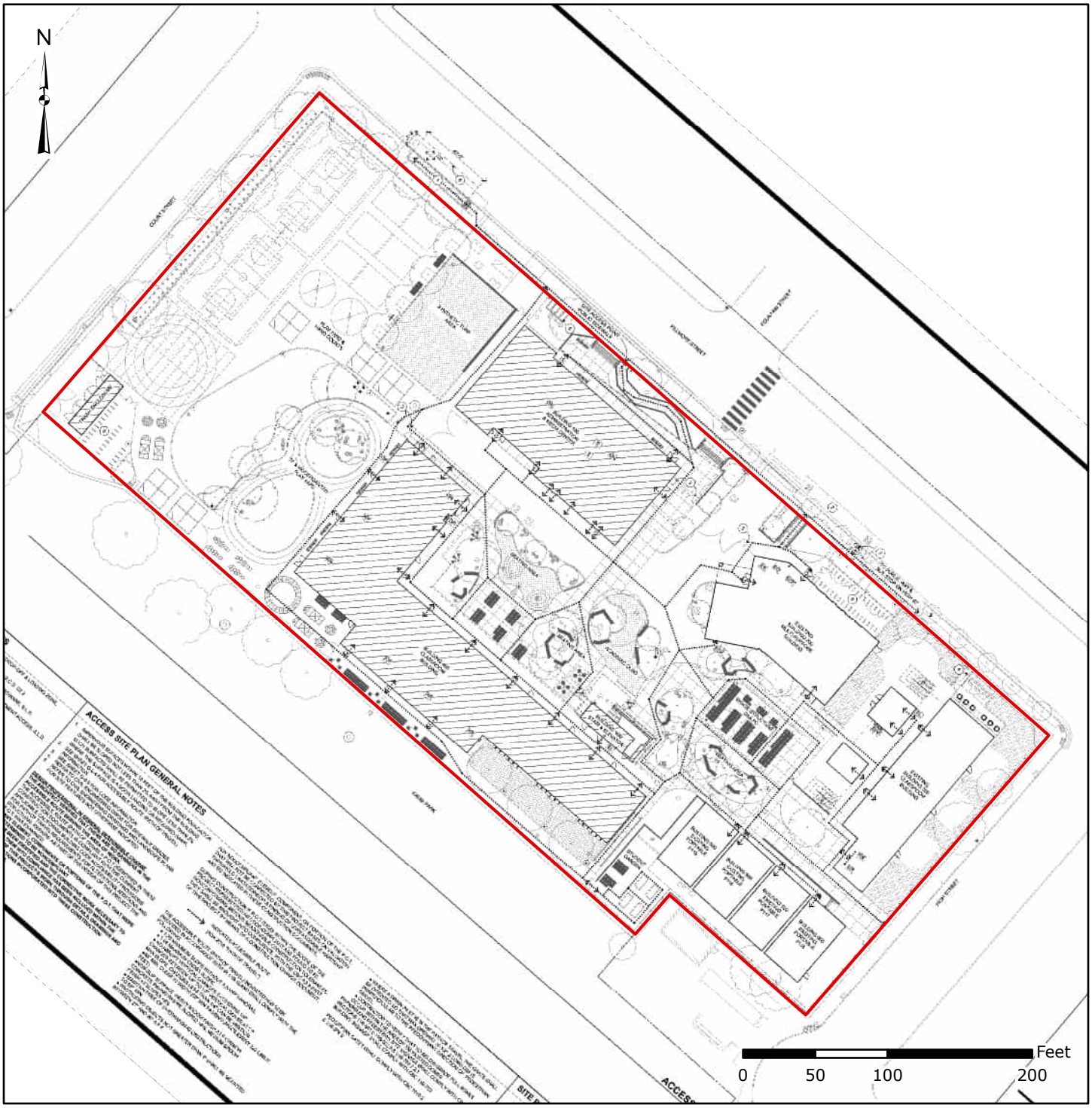
Feet
0 1,000 2,000 4,000

Project No.: NA247141 Date: 10/16/2025 Drawn By: SMB Reviewed By: JR	Terracon 902 Industrial Way Lodi, CA 95240 PH. (209) 367-3701 terracon.com	**Topographic Map** Frank Otis Elementary School 3010 Fillmore Street Alameda, Alameda County, California	**Exhibit** **1**

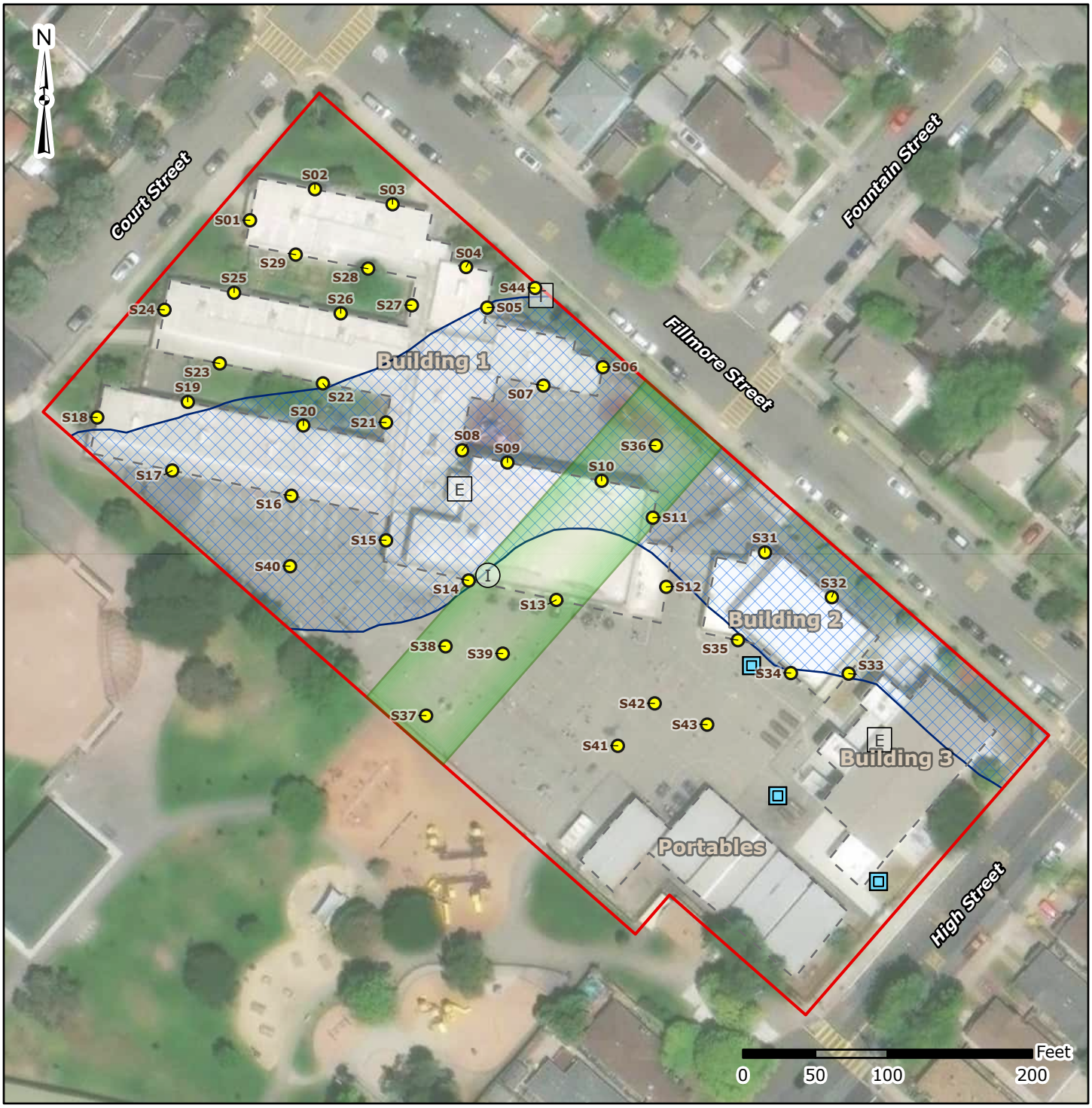


- Site Boundary
- Approximate Area of Undocumented Fill Material
- Approxiamte Area of Historical Roadway Alignment
- T — Pad-Mounted Transformer
- E — Elevator
- I — Incinerator
- Stormwater Inlet

Project No.: NA247141 Date: 10/16/2025 Drawn By: SMB Reviewed By: JR	Terracon 902 Industrial Way Lodi, CA 95240 PH. (209) 367-3701 terracon.com	**Site Diagram** Frank Otis Elementary School 3010 Fillmore Street Alameda, Alameda County, California	**Exhibit** **2**



Project No.: NA247141 Date: 10/16/2025 Drawn By: SMB Reviewed By: JR	Terracon 902 Industrial Way Lodi, CA 95240 PH. (209) 367-3701 terracon.com	**Proposed Development** Frank Otis Elementary School 3010 Fillmore Street Alameda, Alameda County, California	**Exhibit** **3**



- Site Boundary
- Approximate Area of Undocumented Fill Material
- Approxiamte Area of Historical Roadway Alignment
- T Pad-Mounted Transformer
- E Elevator
- I Incinerator
- Stormwater Inlet
- Boring Location (Terracon April 2025)

Project No.:	NA247141
Date:	10/16/2025
Drawn By:	SMB
Reviewed By:	JR

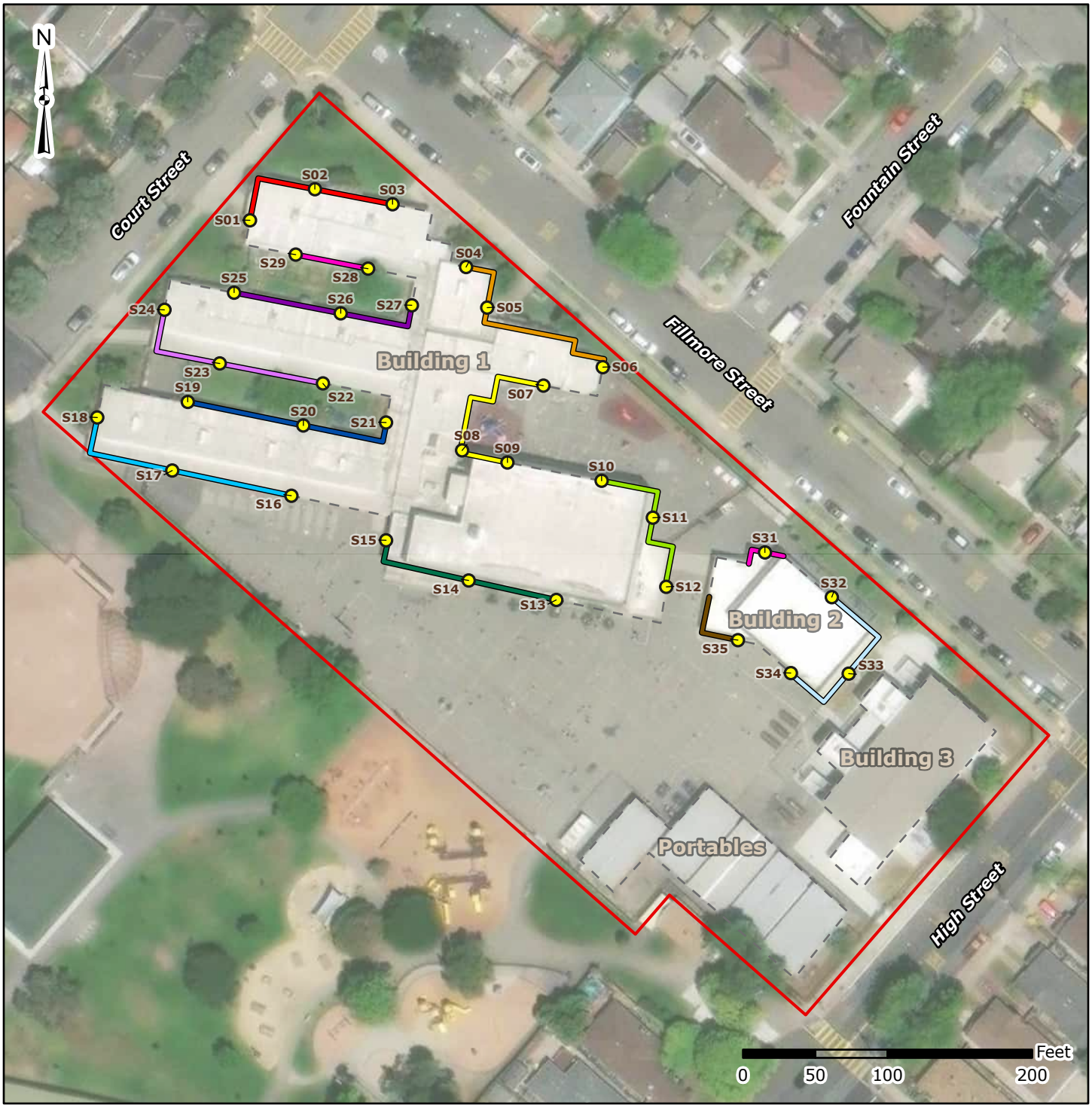
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April 2025 Site Investigation

Frank Otis Elementary School
3010 Fillmore Street
Alameda, Alameda County, California

Exhibit

4



Boring Location (Terracon April 2025)

Site Boundary

Notes:
1. Boring S31 was included in Composite Group 11, which included borings S28 and S29

Composite Sample Group ID

COMP01	COMP05	COMP09
COMP02	COMP06	COMP10
COMP03	COMP07	COMP11
COMP04	COMP08	COMP12

Project No.:	NA247141
Date:	10/16/2025
Drawn By:	SMB
Reviewed By:	JR

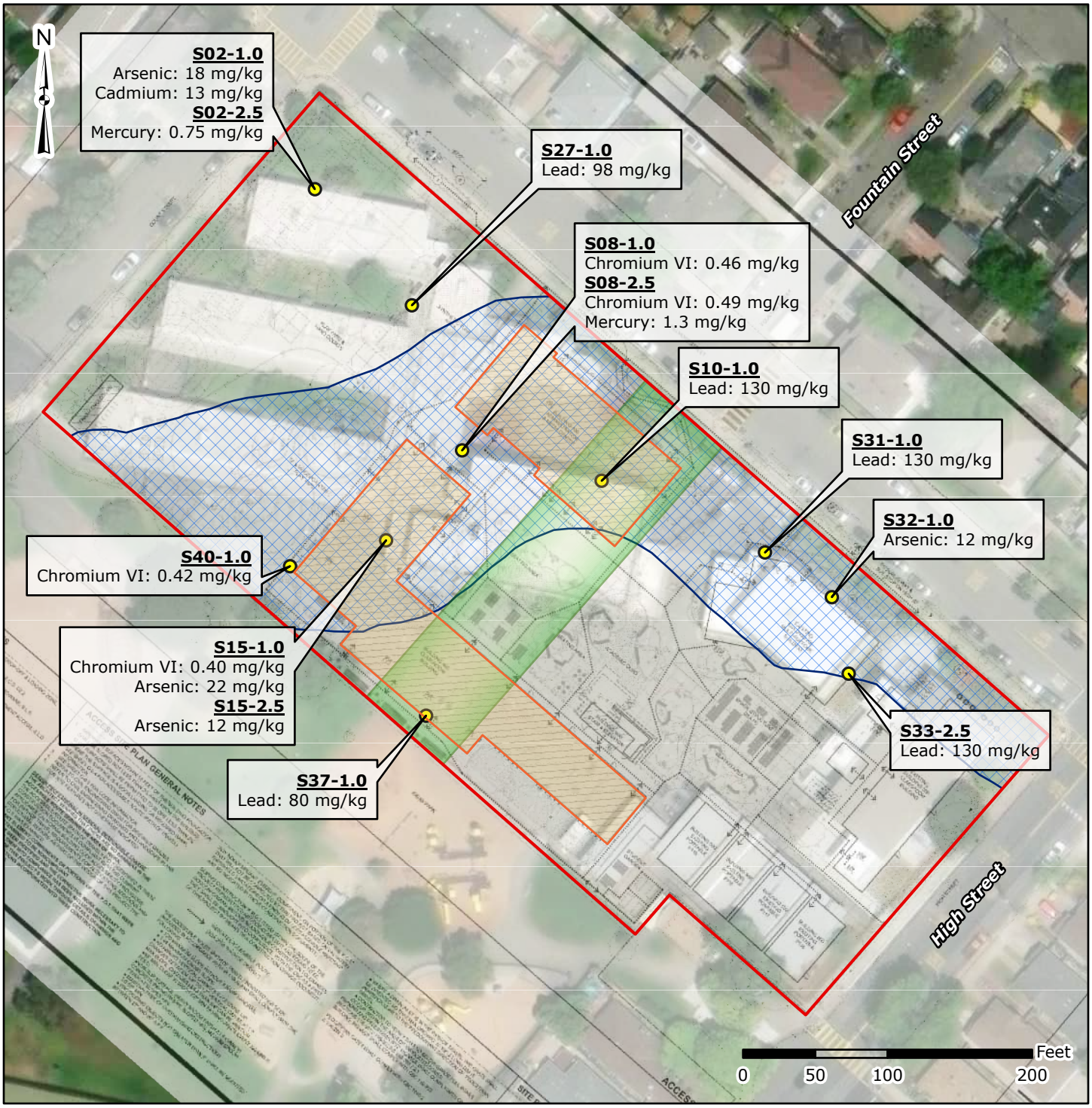
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Composite Sample Groups

Frank Otis Elementary School
3010 Fillmore Street
Alameda, Alameda County, California

Exhibit

5



- Boring Location
- Site Boundary
- Proposed Structures
- Approxiamte Area of Historical Roadway Alignment
- Approximate Area of Undocumented Fill Material

Notes:
1. Concentrations reported in milligrams per kilogram (mg/kg)
2. Residential Screening Levels for the given analyte are established as follows:
   Cadmium - 7.1 mg/kg
   Chromium VI - 0.3 mg/kg
   Lead - 80 mg/kg
   Mercury - 0.67 mg/kg
3. Background concentration for arsenic established at 11 mg/kg (Duvergé 2011)

Project No.:	NA247141
Date:	05/12/2025
Drawn By:	SMB
Reviewed By:	JR

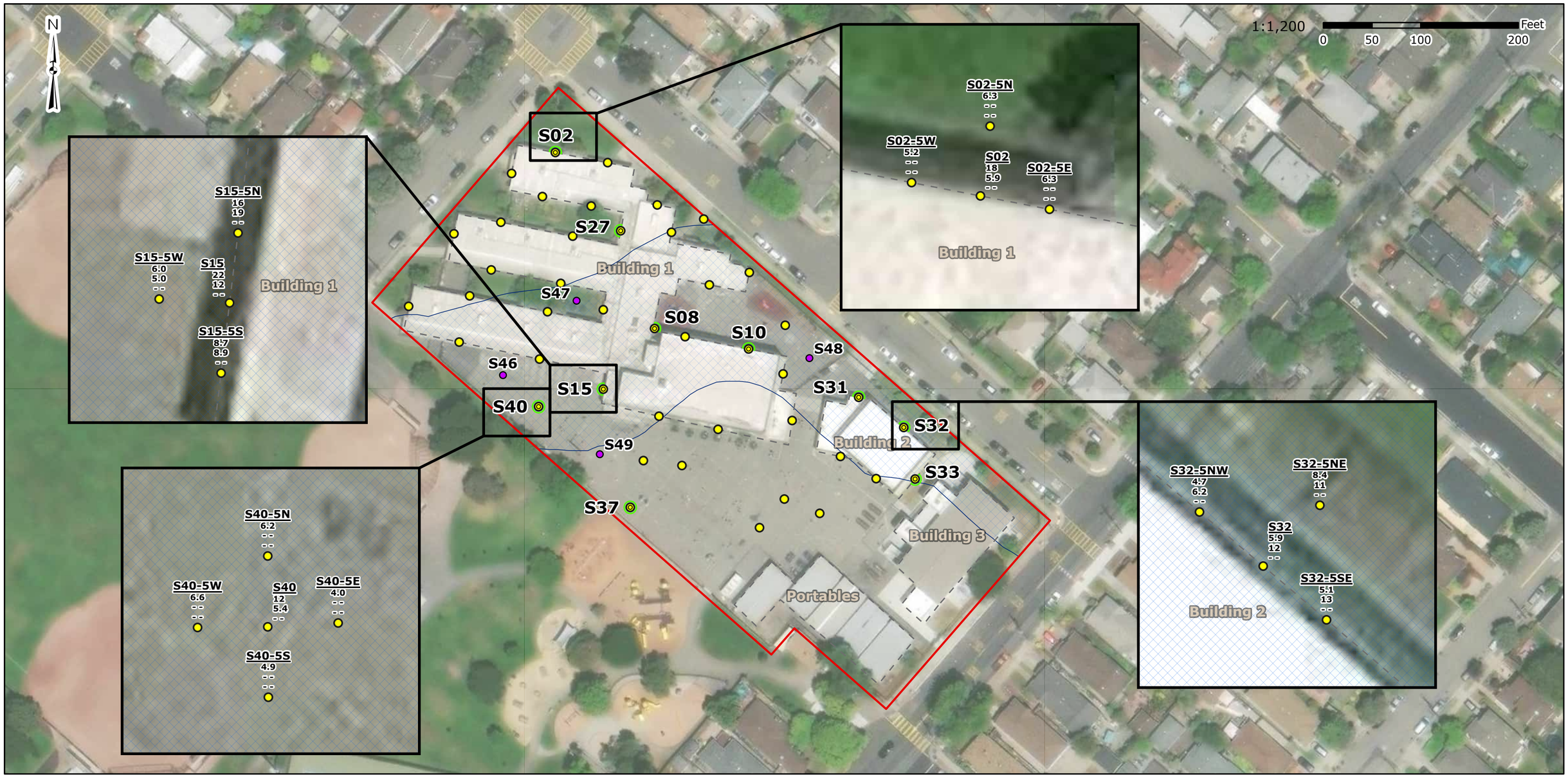
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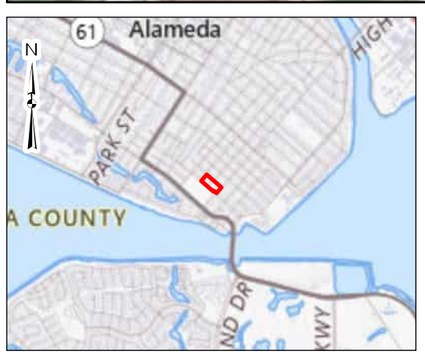
Analytes Above Residential Screening Levels

Frank Otis Elementary School
3010 Fillmore Street
Alameda, Alameda County, California

Exhibit

6





- Boring Location
- Residential Screening Level Exceedance for Lead
- 5-foot Step Out Buffer
- Building
- Site Boundary
- Approximate Area of Undocumented Fill Material

Notes:

1. Labels depict lead concentrations by depth as follows:
   Boring ID
   Concentration at 0.5-1.0 ft bgs
   Concentration at 2.0-2.5 ft bgs
   Concentration at 2.5 to 3.0 ft bgs
2. ft bgs = feet below grade surface
3. If value for deeper sample(s) is not listed, sample was not analyzed.
4. Concentrations listed in milligrams per kilogram (mg/kg).
5. Maximum Regional Concentration = 11 mg/kg
6. "- -" = not analyzed

Project No.:	NA247141
Date:	10/16/2025
Drawn By:	SMB
Reviewed By:	JWR

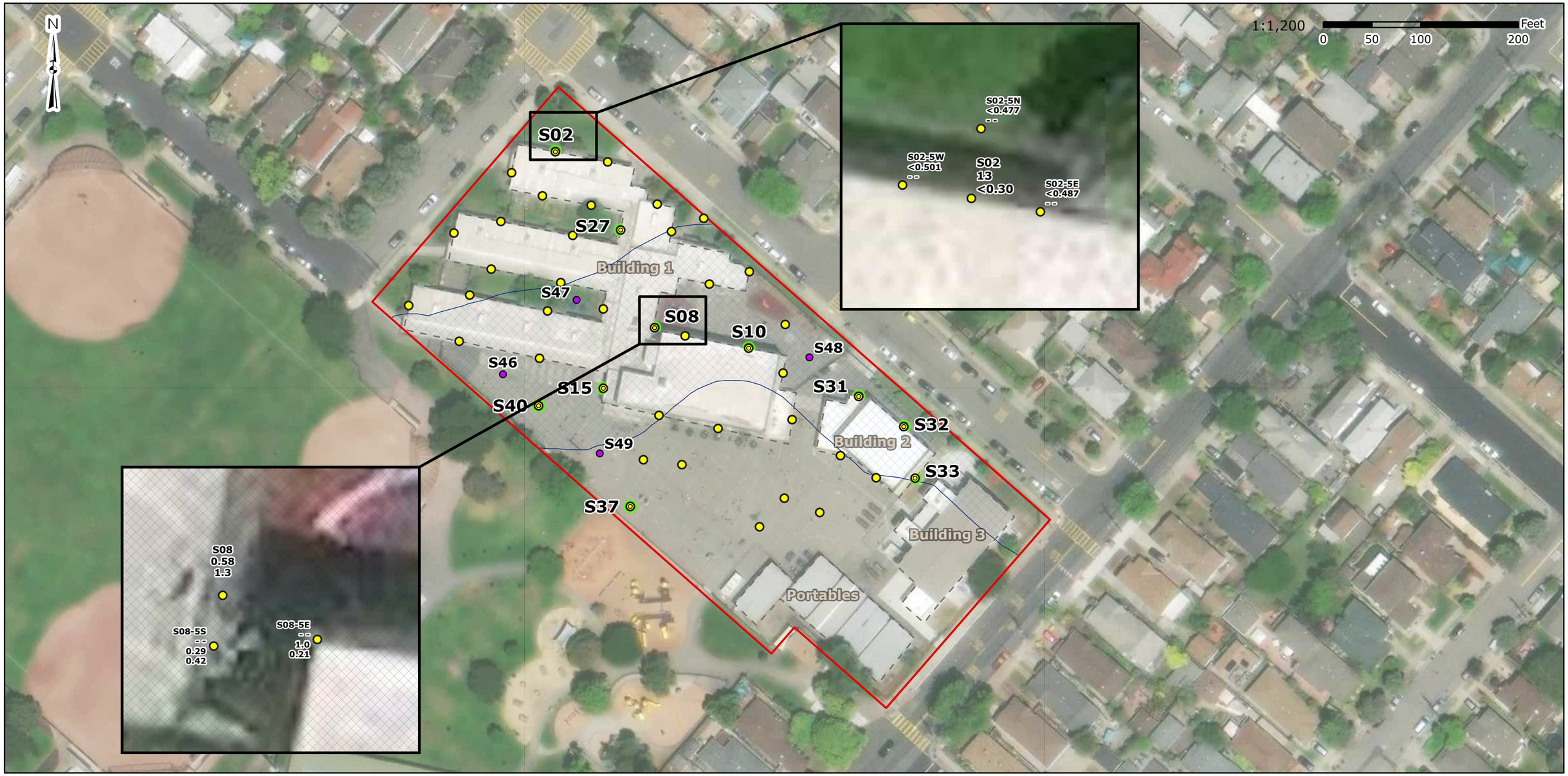
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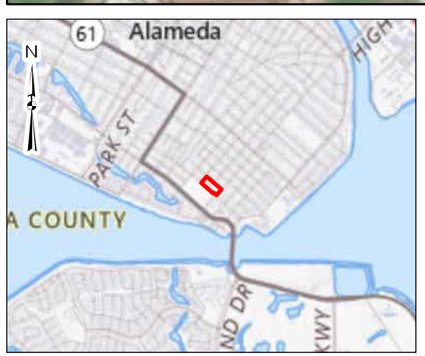
Step Out Sampling Results - Arsenic

Frank Otis Elementary School
3010 Fillmore Street
Alameda, Alameda County, California

Exhibit

7





- Boring Location
- Residential Screening Level Exceedance for Lead
- 5-foot Step Out Buffer
- Building
- Site Boundary
- Approximate Area of Undocumented Fill Material

Notes:

1. Labels depict lead concentrations by depth as follows:
   Boring ID
   Concentration at 0.5-1.0 ft bgs
   Concentration at 2.0-2.5 ft bgs
   Concentration at 2.5 to 3.0 ft bgs
2. ft bgs = feet below grade surface
3. If value for deeper sample(s) is not listed, sample was not analyzed.
4. Concentrations listed in milligrams per kilogram (mg/kg).
5. DTSC Residential Screening Level for Cadmium = 7.1 mg/kg
6. DTSC Residential Screening Level for Mercury = 0.67 mg/kg

Project No.:	NA247141
Date:	10/16/2025
Drawn By:	SMB
Reviewed By:	JWR

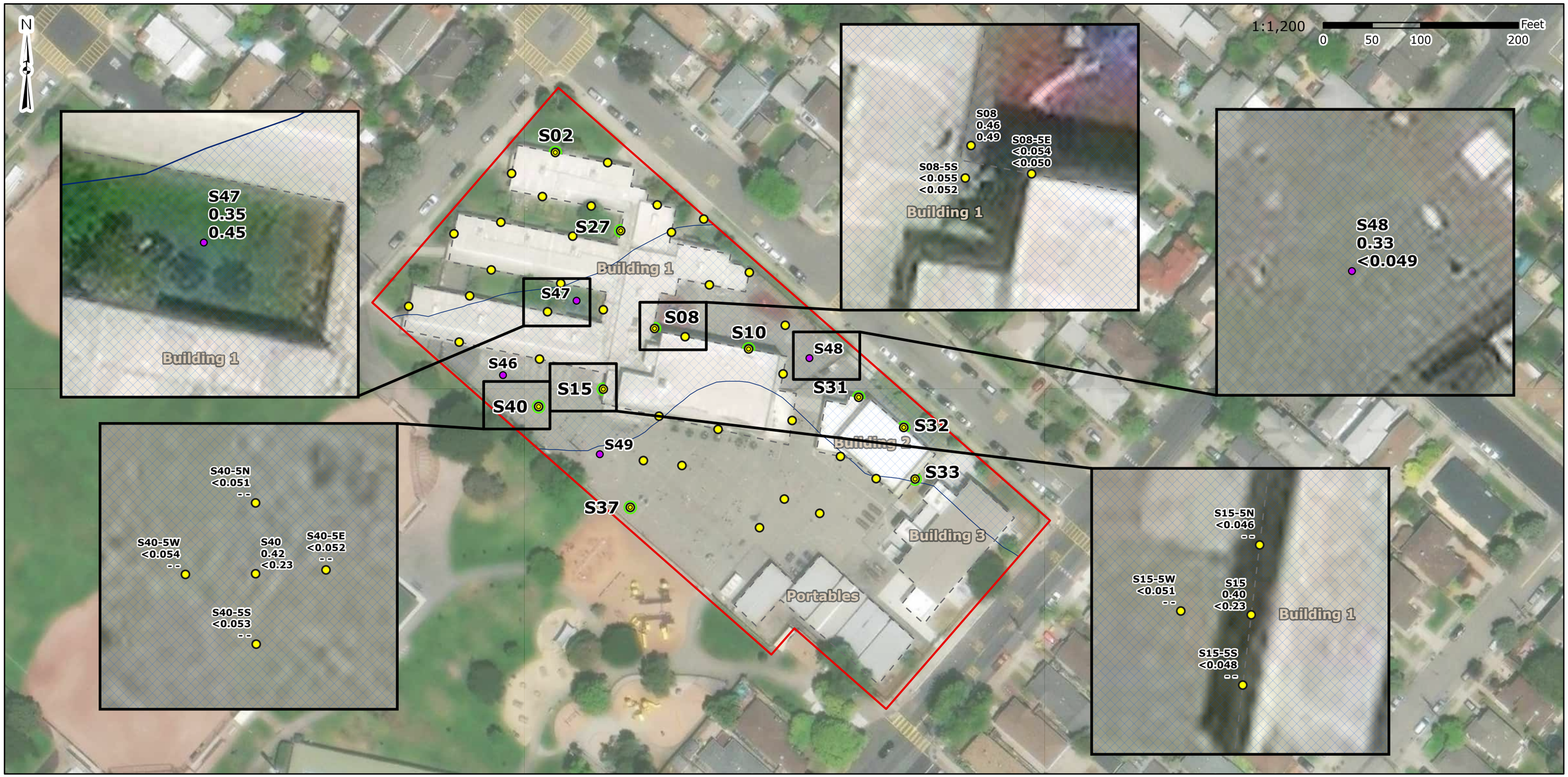
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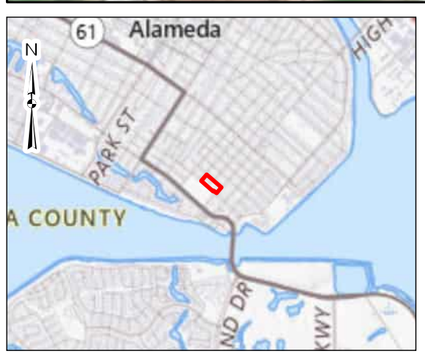
Step Out Sampling Results - Cadmium and Mercury

Frank Otis Elementary School
3010 Fillmore Street
Alameda, Alameda County, California

Exhibit

8





- Boring Location
- Residential Screening Level Exceedance for Lead
- 5-foot Step Out Buffer
- Building
- Site Boundary
- Approximate Area of Undocumented Fill Material

Notes:

1. Labels depict lead concentrations by depth as follows:
   Boring ID
   Concentration at 0.5-1.0 ft bgs
   Concentration at 2.0-2.5 ft bgs
   Concentration at 2.5 to 3.0 ft bgs
2. ft bgs = feet below grade surface
3. If value for deeper sample(s) is not listed, sample was not analyzed.
4. Concentrations listed in milligrams per kilogram (mg/kg).
5. DTSC Screening Level for Residential Land Use = 0.3 mg/kg.

Project No.:	NA247141
Date:	08/08/2025
Drawn By:	SMB
Reviewed By:	JWR

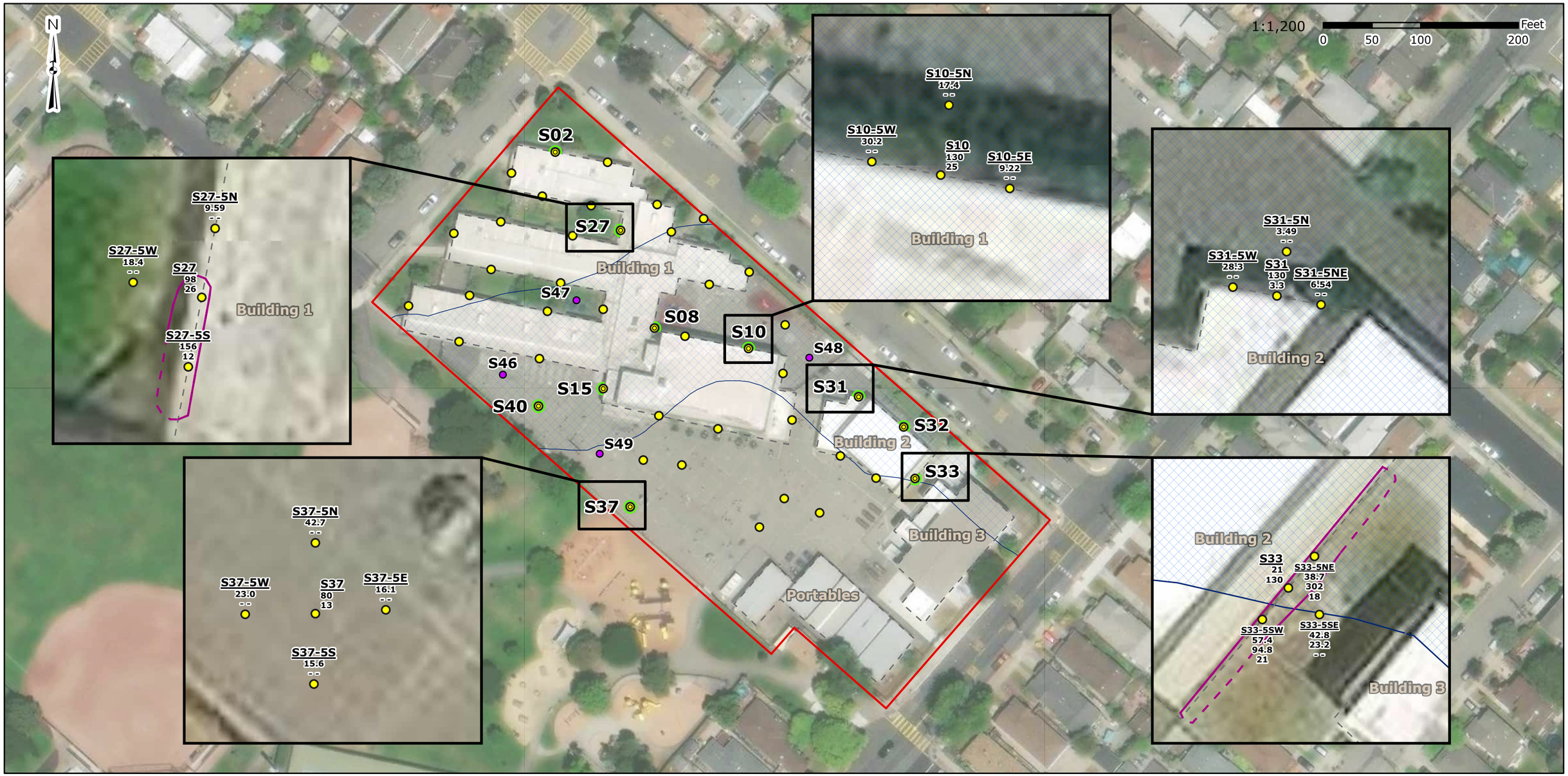
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Step Out Sampling Results - Hexavalent Chromium

Frank Otis Elementary School
3010 Fillmore Street
Alameda, Alameda County, California

Exhibit

9





- Boring Location
- Residential Screening Level Exceedance for Lead
- 5-foot Step Out Buffer
- Building
- Site Boundary
- Approximate Area of Undocumented Fill Material

Notes:

1. Labels depict lead concentrations by depth as follows:
   Boring ID
   Concentration at 0.5-1.0 ft bgs
   Concentration at 2.0-2.5 ft bgs
   Concentration at 2.5 to 3.0 ft bgs
2. ft bgs = feet below grade surface
3. If value for deeper sample(s) is not listed, sample was not analyzed.
4. Concentrations listed in milligrams per kilogram (mg/kg).
5. DTSC Screening Level for Residential Land Use = 80 mg/kg

Project No.:	NA247141
Date:	10/16/2025
Drawn By:	SMB
Reviewed By:	JWR

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Step Out Sampling Results - Lead

Frank Otis Elementary School
3010 Fillmore Street
Alameda, Alameda County, California

Exhibit

10

Exhibit 11: Conceptual Site Model Exposure Pathway:

Potential Primary Release Mechanisms		Lead Based Paint				Undocumented Fill Material				Pesticide Application	Historical Roadway
Potential Primary Release Mechanisms		Chipping and flaking, mechanical weathering, and scraping of the building exterior from maintenance activities				Unknown fill material used to level slough during site development in the 1950s.				Pesticide application Buildings #1 and #2 exterior perimeters.	Aerially deposited lead (ADL) associated with historical lead-gasoline uses.
Contaminants of Concern Identified from Sampling		Lead				Lead, Arsenic, Cadmium, Mercury, Hexavalent Chromium				Incomplete Pathway	Incomplete Pathway
Potential Primary Exposure Pathway		Soil			Groundwater	Soil Vapor	Soil			Groundwater	Soil Vapor
Potential Secondary Exposure Pathway		Dermal Contact	Ingestion	Inhalation	Incomplete Pathway	Incomplete Pathway	Dermal Contact	Ingestion	Inhalation	Incomplete Pathway	Incomplete Pathway
Potential Receptors	Students	Potentially Complete Pathway	Potentially Complete Pathway	Potentially Complete Pathway			Potentially Complete Pathway	Potentially Complete Pathway	Potentially Complete Pathway		
	Teachers	Potentially Complete Pathway	Potentially Complete Pathway	Potentially Complete Pathway			Potentially Complete Pathway	Potentially Complete Pathway	Potentially Complete Pathway		
	Site Construction Workers	Complete Pathway	Potentially Complete Pathway	Potentially Complete Pathway			Complete Pathway	Potentially Complete Pathway	Potentially Complete Pathway		
	Area Residents	Potentially Complete Pathway	Potentially Complete Pathway	Potentially Complete Pathway			Potentially Complete Pathway	Potentially Complete Pathway	Potentially Complete Pathway		
	Terrestrial	Incomplete Pathway	Incomplete Pathway	Incomplete Pathway			Incomplete Pathway	Incomplete Pathway	Incomplete Pathway		
	Aquatic	Incomplete Pathway	Incomplete Pathway	Incomplete Pathway			Incomplete Pathway	Incomplete Pathway	Incomplete Pathway		

APPENDIX B

Tables

Table 1 - Sampling and Analytical Plan

Boring ID	Purpose	Depth (ft bgs)	No. Soil Sample	Sample Depths	Discrete Soil Analytical	Sample ID	Compsoite Sample Group	Composite IDs	Composite Soil Analysis
S01	Building Perimeters	2.5	2	0.5 - 1.0	- -	S01-1.0	S001-1.0 S002-1.0 S003-1.0	COMP01-1.0	OCPs, Lead
				2.0 - 2.5	- -	S01-2.5			
S02	Building Perimeters Background Analysis for Fill Material	2.5	2	0.5 - 1.0	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S02-1.0			
				2.0 - 2.5	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S02-2.5	S001-2.5 S002-2.5 S003-2.5	COMP01-2.5	OCPs, Lead
S03	Building Perimeters	2.5	2	0.5 - 1.0	- -	S03-1.0			
				2.0 - 2.5	- -	S03-2.5			
S04	Building Perimeters	2.5	2	0.5 - 1.0	- -	S04-1.0	S004-1.0 S005-1.0 S006-1.0	COMP02-1.0	OCPs, Lead
				2.0 - 2.5	- -	S04-2.5			
S05	Building Perimeters	2.5	2	0.5 - 1.0	- -	S05-1.0			
				2.0 - 2.5	- -	S05-2.5	S004-2.5 S005-2.5 S006-2.5	COMP02-2.5	OCPs, Lead
S06	Building Perimeters	2.5	2	0.5 - 1.0	- -	S06-1.0			
				2.0 - 2.5	- -	S06-2.5			
S07	Building Perimeters	2.5	2	0.5 - 1.0	- -	S07-1.0	S007-1.0 S008-1.0 S009-1.0	COMP03-1.0	OCPs, Lead
				2.0 - 2.5	- -	S07-2.5			
S08	OCPs, ADL, Slough Fill	2.5	2	0.5 - 1.0	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S08-1.0			
				2.0 - 2.5	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S08-2.5	S007-2.5 S008-2.5 S009-2.5	COMP03-2.5	OCPs, Lead
S09	Building Perimeters	2.5	2	0.5 - 1.0	- -	S09-1.0			
				2.0 - 2.5	- -	S09-2.5			
S10	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S10-1.0	S010-1.0 S011-1.0 S012-1.0	COMP04-1.0	OCPs, Lead
				2.0 - 2.5	- -	S10-2.5			
S11	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S11-1.0			
				2.0 - 2.5	- -	S11-2.5	S010-1.0 S011-1.0 S012-1.0	COMP04-2.5	OCPs, Lead
S12	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S12-1.0			
				2.0 - 2.5	- -	S12-2.5			
S13	Building Perimeters	2.5	2	0.5 - 1.0	- -	S13-1.0	S013-1.0 S014-1.0 S015-1.0	COMP05-1.0	OCPs, Lead
				2.0 - 2.5	- -	S13-2.5			
S14	Building Perimeters	2.5	2	0.5 - 1.0	- -	S14-1.0			
				2.0 - 2.5	- -	S14-2.5	S013-2.5 S014-2.5 S015-2.5	COMP05-2.5	OCPs, Lead
S15	Building Perimeters Undocumented Fill Material	2.5	2	0.5 - 1.0	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S15-1.0			
				2.0 - 2.5	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S15-2.5			
S16	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S16-1.0	S016-1.0 S017-1.0 S018-1.0	COMP06-1.0	OCPs, Lead
				2.0 - 2.5	- -	S16-2.5			
S17	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S17-1.0			
				2.0 - 2.5	- -	S17-2.5	S016-2.5 S017-2.5 S018-2.5	COMP06-2.5	OCPs, Lead
S18	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S18-1.0			
				2.0 - 2.5	- -	S18-2.5			
S19	Building Perimeters	2.5	2	0.5 - 1.0	- -	S19-1.0	S019-1.0 S020-1.0 S021-1.0	COMP07-1.0	OCPs, Lead
				2.0 - 2.5	- -	S19-2.5			
S20	Building Perimeters	2.5	2	0.5 - 1.0	- -	S20-1.0			
				2.0 - 2.5	- -	S20-2.5	S019-2.5 S020-2.5 S021-2.5	COMP07-2.5	OCPs, Lead
S21	Building Perimeters	2.5	2	0.5 - 1.0	- -	S21-1.0			
				2.0 - 2.5	- -	S21-2.5			
S22	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S22-1.0	S022-1.0 S023-1.0 S024-1.0	COMP08-1.0	OCPs, Lead
				2.0 - 2.5	- -	S22-2.5			
S23	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S23-1.0			
				2.0 - 2.5	- -	S23-2.5	S022-2.5 S023-2.5 S024-2.5	COMP08-2.5	OCPs, Lead
S24	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S24-1.0			
				2.0 - 2.5	- -	S24-2.5			

Table 1 - Sampling and Analytical Plan

Boring ID	Purpose	Depth (ft bgs)	No. Soil Sample	Sample Depths	Discrete Soil Analytical	Sample ID	Compsoite Sample Group	Composite IDs	Composite Soil Analysis
S25	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S25-1.0	S025-1.0 S026-1.0 S027-1.0	COMP09-1.0	OCPs, Lead
				2.0 - 2.5	- -	S25-2.5			
S26	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S26-1.0			
				2.0 - 2.5	- -	S26-2.5	S025-2.5 S026-2.5 S027-2.5	COMP09-2.5	OCPs, Lead
S27	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S27-1.0			
				2.0 - 2.5	- -	S27-2.5			
S28	Building Perimeters	2.5	2	0.5 - 1.0	- -	S28-1.0	S028-1.0 S029-1.0 S030-1.0	COMP10-1.0	OCPs, Lead
				2.0 - 2.5	- -	S28-2.5			
S29	Building Perimeters	2.5	2	0.5 - 1.0	- -	S29-1.0			
				2.0 - 2.5	- -	S29-2.5	S028-2.5 S029-2.5 S030-2.5	COMP10-2.5	OCPs, Lead
S30	Building Perimeters	2.5	2	0.5 - 1.0	- -	S30-1.0			
				2.0 - 2.5	- -	S30-2.5			
S31	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S31-1.0	S031-1.0 S032-1.0 S033-1.0	COMP11-1.0	OCPs, Lead
				2.0 - 2.5	Lead	S31-2.5			
S32	Building Perimeters Undocumented Fill Material	2.5	2	0.5 - 1.0	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S32-1.0			
				2.0 - 2.5	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S32-2.5	S031-2.5 S032-2.5 S033-2.5	COMP11-2.5	OCPs, Lead
S33	Building Perimeters	2.5	2	0.5 - 1.0	Lead	S33-1.0			
				2.0 - 2.5	Lead	S33-2.5			
S34	Building Perimeters	2.5	2	0.5 - 1.0	- -	S34-1.0	S034-1.0 S035-1.0	COMP12-1.0	OCPs, Lead
				2.0 - 2.5	- -	S34-2.5			
S35	Building Perimeters	2.5	2	0.5 - 1.0	- -	S35-1.0	S034-2.5 S035-2.5	COMP12-2.5	OCPs, Lead
				2.0 - 2.5	- -	S35-2.5			
S36	Historical Roadway	2.5	2	0.5 - 1.0	Lead	S36-1.0	- -	- -	- -
				2.0 - 2.5	Lead	S36-2.5	- -	- -	- -
S37	Historical Roadway	2.5	2	0.5 - 1.0	Lead	S37-1.0	- -	- -	- -
				2.0 - 2.5	Lead	S37-2.5	- -	- -	- -
S38	Historical Roadway	2.5	2	0.5 - 1.0	Lead	S38-1.0	- -	- -	- -
				2.0 - 2.5	Lead	S38-2.5	- -	- -	- -
S39	Historical Roadway Undocumented Fill Material	2.5	2	0.5 - 1.0	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S39-1.0	- -	- -	- -
				2.0 - 2.5	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S39-2.5	- -	- -	- -
S40	Undocumented Fill Material	2.5	2	0.5 - 1.0	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S40-1.0	- -	- -	- -
				2.0 - 2.5	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S40-2.5	- -	- -	- -
S41	Soil Characterization for future Shade Structures	Refusal, no samples collected							
S42	Soil Characterization for future Shade Structures	2.5	2	0.5 - 1.0	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S42-1.0	- -	- -	- -
				2.0 - 2.5	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S42-2.5	- -	- -	- -
S43	Soil Characterization for future Shade Structures	2.5	2	0.5 - 1.0	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S43-1.0	- -	- -	- -
				2.0 - 2.5	TPH, VOCs, SVOCs, CAM 17 Metals, OCPs, PCBs, Chromium 6	S43-2.5	- -	- -	- -
S44	Transformer	2.5	2	0.5 - 1.0	PCBs	S40-1.0	- -	- -	- -

Notes:

TPH = Total Petroleum Hydrocarbons as Gasoline / Diesel / Motor Oil by EPA Method 8015

VOCs = Volatile Organic Compounds by EPA Method 8260

SVOCs = Semi-Volatile Organic Compounds by EPA Method 8270

CAM 17 Metals = California Administrative Manual 17 Metals by EPA Method 6020/7471

OCPs = Organochlorine Pesticides by EPA Method 8081

PCBs = Polychlorinated Biphenyls by EPA Method 8082

Chromium 6 by EPA Method 7176

Lead by EPA Method 6020

- - = Not analyzed

Table 2 - Summary of Detections in Discrete Soil Samples

Frank Otis Elementary School
3010 Fillmore Street, Alameda, Alameda County, California
Terracon Project No. NA247141

Boring ID:	Units	Screening Levels[1,2,3]				S02		S08		S15		S32		S39		S40		S42		S43	
Sample ID:		Residential Cancer Risk	Residential Non-Cancer Hazard	Commercial / Industrial Cancer Risk	Commercial / Industrial Non-Cancer Hazard	S02-1.0	S02-2.5	S08-1.0	S08-2.5	S15-1.0	S15-2.5	S32-1.0	S32-2.5	S39-1.0	S39-2.5	S40-1.0	S40-2.5	S42-1.0	S42-2.5	S43-1.0	S43-2.5
Sample Interval (ft bgs)						0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Sample Date:						4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025
California Administrative Manual (CAM) 17 Metals by EPA Methods 6010B/7471A and Hexavalent Chromium by EPA Method 7199																					
Antimony	mg/Kg	--	*31*	--	*470*	7.0	<0.30	0.29	0.31	<0.29	0.42	0.44	0.49	0.48	0.43	0.44	<0.29	<0.30	<0.29	<0.29	<0.30
Arsenic	mg/Kg	0.032	0.41	0.13	5.0	18	5.9	7.2	4.7	22	12	5.9	12	10	5.3	12	5.4	4.7	3.7	3.7	5.5
Barium	mg/Kg	--	*15,000*	--	*220,000*	110	200	150	98	160	110	100	76	67	360	140	270	78	170	200	270
Beryllium	mg/Kg	1,600	16	6,900	230	14	0.65	0.46	0.73	0.42	0.47	0.33	<0.31	<0.27	0.62	0.32	0.66	<0.30	0.43	0.43	0.62
Cadmium	mg/Kg	910	7.1	4,000	100	13	<0.30	<0.29	<0.31	0.54	0.46	<0.28	0.35	0.32	0.32	0.59	<0.29	<0.30	<0.29	<0.29	<0.30
Chromium	mg/Kg	--	*85,000*	--	*360,000*	31	72	38	92	44	42	39	6.3	5.3	37	15	70	52	45	28	32
Cobalt	mg/Kg	*420*	*23*	*1,900*	*350*	20	22	16	11	17	15	13	10	8.8	13	15	17	15	17	12	12
Copper	mg/Kg	--	*3,100*	--	*47,000*	35	29	27	31	37	28	20	22	19	36	24	32	42	32	14	26
Lead	mg/Kg	--	80	--	500	41	20	12	16	31	23	44	17	15	69	49	10	3.5	42	8.3	11
Molybdenum	mg/Kg	--	*390*	--	*5,800*	13	0.56	0.54	0.52	2.3	1.3	0.91	0.88	0.77	0.46	0.75	0.53	0.35	<0.29	0.31	<0.30
Nickel	mg/Kg	15,000	820	64,000	11,000	34	160	80	150	68	76	72	9.4	8.0	57	25	130	48	85	36	50
Selenium	mg/Kg	--	*390*	--	*5,800*	13	0.70	<0.59	<0.62	<0.58	0.72	<0.55	<0.61	0.56	<0.62	<0.58	<0.59	<0.60	<0.58	<0.57	<0.61
Silver	mg/Kg	--	*390*	--	*5,800*	16	<0.30	<0.29	<0.31	<0.29	<0.29	<0.28	<0.31	<0.27	<0.31	<0.29	<0.29	<0.30	<0.29	<0.29	<0.30
Thallium	mg/Kg	--	--	--	--	12	<0.30	<0.29	<0.31	<0.29	<0.29	<0.28	0.38	0.35	<0.31	<0.29	<0.29	<0.30	<0.29	<0.29	<0.30
Vanadium	mg/Kg	--	*390*	--	*5,800*	34	59	63	66	78	55	45	40	35	56	56	60	160	79	31	45
Zinc	mg/Kg	--	*23,000*	--	*350,000*	69	56	71	45	130	160	74	120	110	99	180	47	43	95	29	40
Hexavalent Chromium	mg/Kg	0.3	70	6.2	1,000	<0.25	<0.24	0.46	0.49	0.40	<0.23	<0.22	<0.24	<0.22	<0.25	0.42	<0.23	<0.24	<0.23	<0.23	<0.24
Mercury (7471A)	mg/Kg	--	0.67	--	2.9	<0.12	0.75	0.58	1.3	0.65	0.63	0.44	0.47	0.42	<0.12	0.37	0.46	0.59	0.29	<0.11	<0.12
Total Petroleum Hydrocarbons (TPHs) by EPA Method 8015																					
Gasoline-Range Organics	mg/Kg	--	*460*	--	*2,100*	<12	<12	<12	<12	<12	<12	<11	<12	<11	<12	<12	<12	<12	<12	<11	<12
Diesel-Range Organics	mg/Kg	--	*200*	--	*920*	<12	<12	<12	<12	<12	<12	17	<12	<11	<12	<12	<12	<12	<12	<11	<12
Motor Oil-Range Organics	mg/Kg	--	*12,000*	--	*180,000*	<12	<12	<12	<12	<12	<12	150	110	160	<12	130	<12	150	<12	<11	<12
Organochlorine Pesticides (OCPs) by EPA Method 8081																					
Analyzed OCPs	mg/Kg	Varies	Varies	Varies	Varies	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Polychlorinated Biphenyls (PCBs) by EPA Method 8082																					
Analyzed PCBs	mg/Kg	Varies	Varies	Varies	Varies	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (VOCs) by EPA Method 8260B																					
Acetone	mg/Kg	--	*70,000*	--	*1,100,000*	<0.0062	<0.0061	<0.0059	<0.0062	<0.0058	0.012	0.040	<0.0061	<0.0055	0.024	<0.0058	0.028	0.015	0.021	0.011	0.033
Other Analyzed VOCs	mg/Kg	Varies	Varies	Varies	Varies	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270C																					
Analyzed SVOCs	mg/Kg	Varies	Varies	Varies	Varies	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

[1] Values in Black = Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (SLs), published June 2020, revised April 2025.

[2] Values in Blue = Where a DTSC SL is not established, the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs), published November 2024, are used.

[3] Values in Green = Where a DTSC SL and EPA RSL are not established, the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Level (ESL), published September 2025 (revision 3) are used.

-- = Screening Level not established by the DTSC, EPA, or SFBRWQCB

mg/kg = milligrams per kilogram

Bold value indicates a detection

<Value = Analyte not detected above the laboratory reporting limit (RL)

ND = Not Detected above the laboratory method reporting limit (RL)

Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Cancer Risk

Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard

Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Cancer Risk

Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard

Table 3 - Summary of Lead Analytical Results

Frank Otis Elementary School
3010 Fillmore Street, Alameda, Alameda County, California
Terracon Project No. NA247141

Discrete Soil Samples													
Boring ID:	S02		S08		S10	S11	S12	S15		S16	S17	S18	S22
Sample ID:	S02-1.0	S02-2.5	S08-1.0	S08-2.5	S10-1.0	S11-1.0	S12-1.0	S15-1.0	S15-2.5	S16-1.0	S17-1.0	S18-1.0	S22-1.0
Sample Interval (ft bgs)	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0
Lead (mg/kg)	41	20	12	16	**130**	9.1	7.3	31	23	20	53	24	11

Boring ID:	S23	S24	S25	S26	S27	S31		S32		S33		S36	
Sample ID:	S23-1.0	S24-1.0	S25-1.0	S26-1.0	S27-1.0	S31-1.0	S31-2.5	S32-1.0	S32-2.5	S33-1.0	S33-2.5	S36-1.0	S36-2.5
Sample Interval (ft bgs)	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Lead (mg/kg)	14	8.0	4.8	14	**98**	**130**	3.3	44	17	21	**130**	18	14

Boring ID:	S37		S38		S39		S40		S42		S43	
Sample ID:	S37-1.0	S37-2.5	S38-1.0	S38-2.5	S39-1.0	S39-2.5	S40-1.0	S40-2.5	S42-1.0	S42-2.5	S43-1.0	S43-2.5
Sample Interval (ft bgs)	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Lead (mg/kg)	**80**	13	26	21	15	69	49	10	3.5	42	8.3	11

Composite Soil Samples												
Field ID:	COMP01-1.0	COMP01-2.5	COMP02-1.0	COMP02-2.5	COMP03-1.0	COMP03-2.5	COMP04-1.0	COMP04-2.5	COMP05-1.0	COMP05-2.5	COMP06-1.0	COMP06-2.5
Laboratory Sample ID:	3:1 Composite (S01-1.0 - S03-1.0)	3:1 Composite (S01-2.5 - S03-2.5)	3:1 Composite S04-1.0 - S06-1.0)	3:1 Composite (S04-2.5 - S06-2.5)	3:1 Composite (S07-1.0 - S09-1.0)	3:1 Composite (S07-2.5 - S09-2.5)	3:1 Composite (S10-1.0 - S12-1.0)	3:1 Composite (S10-2.5 - S12-2.5)	3:1 Composite (S13-1.0 - S15-1.0)	3:1 Composite (S13-2.5 - S15-2.5)	3:1 Composite (S16-1.0 - S18-1.0)	3:1 Composite (S16-2.5 - S18-2.5)
Sample Interval (ft bgs)	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Lead (mg/kg)	31	22	20	13	34	47	**150**	25	47	47	**280**	48

Field ID:	COMP07-1.0	COMP07-2.5	COMP08-1.0	COMP08-2.5	COMP09-1.0	COMP09-2.5	COMP10-1.0	COMP10-2.5	COMP11-1.0	COMP11-2.5	COMP12-1.0	COMP12-2.5
Laboratory Sample ID:	3:1 Composite (S19-1.0 - S21-1.0)	3:1 Composite (S19-2.5 - S21-2.5)	3:1 Composite (S22-1.0 - S24-1.0)	3:1 Composite (S22-2.5 - S24-2.5)	3:1 Composite (S25-1.0 - S27-1.0)	3:1 Composite (S25-2.5 - S27-2.5)	3:1 Composite (S28-1.0 - S30-1.0)	3:1 Composite (S28-2.5 - S30-2.5)	3:1 Composite (S31-1.0 - S33-1.0)	3:1 Composite S31-2.5 - S33-2.5)	2:1 Composite (S34-1.0 - S35-1.0)	2:1 Composite (S34-2.5 - S35-2.5)
Sample Interval (ft bgs)	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Lead (mg/kg)	37	35	**210**	34	**120**	26	78	14	**90**	**88**	25	16

Notes:

Samples collected on April 7, 2025

mg/kg = milligrams per kilogram

Bold value indicates a detection

Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard of 80 mg/kg

Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard of 500 mg/kg

Table 4 - Summary of Composite vs Discrete Lead Analytical Results

Frank Otis Elementary School
3010 Fillmore Street, Alameda, Alameda County, California
Terracon Project No. NA247141

Field ID	Lead (mg/kg)
COMP04-1.0	**150**
S10-1.0	**130**
S11-1.0	9.1
S12-1.0	7.3

Field ID	Lead (mg/kg)
COMP06-1.0	**280**
S16-1.0	20
S17-1.0	53
S18-1.0	24

Field ID	Lead (mg/kg)
COMP08-1.0	**210**
S22-1.0	11
S23-1.0	14
S24-1.0	8.0

Field ID	Lead (mg/kg)
COMP09-1.0	**120**
S25-1.0	4.8
S26-1.0	14
S27-1.0	**98**

Field ID	Lead (mg/kg)
COMP11-1.0	**90**
S31-1.0	**130**
S32-1.0	44
S33-1.0	21

Field ID	Lead (mg/kg)
COMP11-2.5	**88**
S31-2.5	3.3
S32-2.5	17
S33-2.5	**130**

Notes:

mg/kg = milligrams per kilogram

Bold value indicates a detection

Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard, for lead of 80 mg/kg

Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard, for lead of 500 mg/kg

Table 5 - Summary of OCP Analytical Results

Frank Otis Elementary School
3010 Fillmore Street, Alameda, Alameda County, California
Terracon Project No. NA247141

Boring ID:	Sample ID:	Sample Interval (ft bgs)	alpha-BHC	gamma-BHC (Lindane)	beta-BHC	delta-BHC	Heptachlor	Aldrin	Heptachlor epoxide	gamma-Chlordane	alpha-Chlordane	Endosulfan I	4,4´-DDE	Dieldrin	Endrin	4,4´-DDD	Endosulfan II	4,4´-DDT	Endrin aldehyde	Endosulfan sulfate	Methoxychlor	Endrin ketone	Toxaphene
S02	S02-1.0	0.5 - 1.0	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.025
	S02-2.5	2.0 - 2.5	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.024
S08	S08-1.0	0.5 - 1.0	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.023
	S08-2.5	2.0 - 2.5	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.025
S15	S15-1.0	0.5 - 1.0	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.023
	S15-2.5	2.0 - 2.5	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.023
S32	S32-1.0	0.5 - 1.0	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.22
	S32-2.5	2.0 - 2.5	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.024
S39	S39-1.0	0.5 - 1.0	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.22
	S39-2.5	2.0 - 2.5	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.025
S40	S40-1.0	0.5 - 1.0	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.23
	S40-2.5	2.0 - 2.5	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.023
S42	S42-1.0	0.5 - 1.0	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.24
	S42-2.5	2.0 - 2.5	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.023
S43	S43-1.0	0.5 - 1.0	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.023
	S43-2.5	2.0 - 2.5	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.024
COMP01-1.0	3:1 Composite (S01-1.0 - S03-1.0)	0.5 - 1.0	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.024
COMP01-2.5	3:1 Composite (S01-2.5 - S03-2.5)	2.0 - 2.5	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.025
COMP02-1.0	3:1 Composite S04-1.0 - S06-1.0)	0.5 - 1.0	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.23
COMP02-2.5	3:1 Composite (S04-2.5 - S06-2.5)	2.0 - 2.5	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.024
COMP03-1.0	3:1 Composite (S07-1.0 - S09-1.0)	0.5 - 1.0	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.22
COMP03-2.5	3:1 Composite (S07-2.5 - S09-2.5)	2.0 - 2.5	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.24
COMP04-1.0	3:1 Composite (S10-1.0 - S12-1.0)	0.5 - 1.0	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.21
COMP04-2.5	3:1 Composite (S10-2.5 - S12-2.5)	2.0 - 2.5	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.023
COMP05-1.0	3:1 Composite (S13-1.0 - S15-1.0)	0.5 - 1.0	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.22
COMP05-2.5	3:1 Composite (S13-2.5 - S15-2.5)	2.0 - 2.5	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.23
COMP06-1.0	3:1 Composite (S16-1.0 - S18-1.0)	0.5 - 1.0	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.23
COMP06-2.5	3:1 Composite (S16-2.5 - S18-2.5)	2.0 - 2.5	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.23
COMP07-1.0	3:1 Composite (S19-1.0 - S21-1.0)	0.5 - 1.0	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.024
COMP07-2.5	3:1 Composite (S19-2.5 - S21-2.5)	2.0 - 2.5	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.025
COMP08-1.0	3:1 Composite (S22-1.0 - S24-1.0)	0.5 - 1.0	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.024
COMP08-2.5	3:1 Composite (S22-2.5 - S24-2.5)	2.0 - 2.5	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.024
COMP09-1.0	3:1 Composite (S25-1.0 - S27-1.0)	0.5 - 1.0	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.024
COMP09-2.5	3:1 Composite (S25-2.5 - S27-2.5)	2.0 - 2.5	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.024
COMP10-1.0	3:1 Composite (S28-1.0 - S30-1.0)	0.5 - 1.0	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.22
COMP10-2.5	3:1 Composite (S28-2.5 - S30-2.5)	2.0 - 2.5	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.024
COMP11-1.0	3:1 Composite (S31-1.0 - S33-1.0)	0.5 - 1.0	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.23
COMP11-2.5	3:1 Composite S31-2.5 - S33-2.5)	2.0 - 2.5	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.023
COMP12-1.0	2:1 Composite (S34-1.0 - S35-1.0)	0.5 - 1.0	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.24
COMP12-2.5	2:1 Composite (S34-2.5 - S35-2.5)	2.0 - 2.5	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.024
Screening Levels[1,2,3]	Residential Cancer Risk		0.086	*0.57*	0.3	--	*0.13*	--	*0.07*	--	--	--	2.0	0.034	--	2.3	--	*1.9*	--	--	--	--	0.45
	Residential Non-Cancer Hazard		57	*0.057*	--	*0.0038*	*7.8*	--	*1.0*	*36*	*36*	470	23	3.2	19	32	*420*	*37*	--	380	320	--	5.7
	Commercial / Industrial Cancer Risk		0.3	*2.5*	1.1	--	*0.62*	--	*0.33*	--	--	--	9.3	0.093	--	7.9	--	*8.5*	--	--	--	--	1.6
	Commercial / Industrial Non-Cancer Hazard		610	*0.8*	--	*0.049*	*120*	--	*15*	*500*	*500*	6,000	340	26	160	340	*7,000*	*520*	--	4,100	3,400	--	61

Notes:
[1] Values in Black = Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (SLs), published June 2020, revised April 2025.
[2] Values in Blue = Where a DTSC SL is not established, the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs), published November 2024, are used.
[3] Values in Green = Where a DTSC SL and EPA RSL are not established, the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Level (ESL), published September 2025 (revision 3) are used.
-- = Screening Level not established by the DTSC, EPA, or SFBRWQCB
mg/kg = milligrams per kilogram
Bold value indicates a detection
<Value = Analyte not detected above the laboratory reporting limit (RL)
ND = Not Detected above the laboratory method reporting limit (RL)

Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Cancer Risk
Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard
Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Cancer Risk
Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard

Table 6 - Summary of VOC Analytical Results

Frank Otis Elementary School
3010 Fillmore Street, Alameda, Alameda County, California
Terracon Project No. NA247141

Boring ID:		Screening Levels[1,2,3]				S02		S08		S15		S32		S39		S40		S42		S43	
Sample ID:	Units	Residential Cancer Risk	Residential Non-Cancer Hazard	Commercial / Industrial Cancer Risk	Commercial / Industrial Non-Cancer Hazard	S02-1.0	S02-2.5	S08-1.0	S08-2.5	S15-1.0	S15-2.5	S32-1.0	S32-2.5	S39-1.0	S39-2.5	S40-1.0	S40-2.5	S42-1.0	S42-2.5	S43-1.0	S43-2.5
Sample Interval (ft bgs)						0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Sample Date:						4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025
Volatile Organic Compounds (VOCs) by EPA Method 8260B																					
Bromobenzene	mg/Kg	--	290	--	1,800	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Bromochloromethane	mg/Kg	--	150	--	630	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Bromodichloromethane	mg/Kg	0.29	110	1.3	530	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Bromoform	mg/Kg	19	530	86	3,000	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Bromomethane	mg/Kg	--	6.8	--	30	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
n-Butylbenzene	mg/Kg	--	1,200	--	6,400	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
sec-Butylbenzene	mg/Kg	--	2,200	--	12,000	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
tert-Butylbenzene	mg/Kg	--	2,200	--	12,000	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Carbon tetrachloride	mg/Kg	0.65	52	2.9	250	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Chlorobenzene	mg/Kg	--	280	--	1,300	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Chloroethane	mg/Kg	--	5,400	--	23,000	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Chloroform	mg/Kg	0.32	5.3	1.4	22	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Chloromethane	mg/Kg	--	110	--	460	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
2-Chlorotoluene	mg/Kg	--	470	--	2,500	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
4-Chlorotoluene	mg/Kg	--	440	--	2,300	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Dibromochloromethane	mg/Kg	0.94	470	4.1	2,500	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,2-Dibromo-3-chloropropan	mg/Kg	0.0043	4.7	0.057	25	<0.0062	<0.0061	<0.0059	<0.0062	<0.0058	<0.0058	<0.0055	<0.0061	<0.0055	<0.0062	<0.0058	<0.0059	<0.0060	<0.0058	<0.0057	<0.0061
1,2-Dibromoethane (EDB)	mg/Kg	0.036	7.1	0.16	30	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Dibromomethane	mg/Kg	--	24	--	99	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,2-Dichlorobenzene	mg/Kg	--	1,800	--	9,300	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,4-Dichlorobenzene	mg/Kg	2.6	--	11	--	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Dichlorodifluoromethane	mg/Kg	--	87	--	370	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,1-Dichloroethane	mg/Kg	3.6	1,600	16	7,100	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,2-Dichloroethane	mg/Kg	0.46	31	2.0	130	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,1-Dichloroethene	mg/Kg	--	4.8	--	20	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
cis-1,2-Dichloroethene	mg/Kg	--	63	--	360	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
trans-1,2-Dichloroethene	mg/Kg	--	70	--	300	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,2-Dichloropropane	mg/Kg	2.5	16	11	65	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,3-Dichloropropane	mg/Kg	1.8	410	8.1	2,200	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
2,2-Dichloropropane	mg/Kg	--	--	--	--	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,1-Dichloropropene	mg/Kg	--	--	--	--	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Hexachlorobutadiene	mg/Kg	1.2	29	5.3	160	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Isopropylbenzene	mg/Kg	--	--	--	--	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
p-Isopropyltoluene	mg/Kg	--	170	--	1,100	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Methylene chloride	mg/Kg	2.2	310	26	2,500	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012
Naphthalene	mg/Kg	2.0	130	7.6	590	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
n-Propylbenzene	mg/Kg	--	3,800	--	24,000	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Styrene	mg/Kg	--	5,600	--	32,000	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,1,2,2-Tetrachloroethane	mg/Kg	0.6	700	2.7	4,300	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,1,1,2-Tetrachloroethane	mg/Kg	2.0	550	8.8	2,800	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Tetrachloroethene	mg/Kg	0.59	81	2.7	390	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,2,3-Trichlorobenzene	mg/Kg	--	40	--	300	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,2,4-Trichlorobenzene	mg/Kg	7.8	58	35	260	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,1,2-Trichloroethane	mg/Kg	1.1	--	5	--	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,1,1-Trichloroethane	mg/Kg	--	1,700	--	7,200	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Trichloroethene	mg/Kg	0.94	--	6	--	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Trichlorofluoromethane	mg/Kg	--	1,200	--	5,400	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,2,3-Trichloropropane	mg/Kg	0.0015	4.8	0.021	21	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,3,5-Trimethylbenzene	mg/Kg	--	270	--	1,500	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
1,2,4-Trimethylbenzene	mg/Kg	--	300	--	1,800	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Vinyl chloride	mg/Kg	0.0082	42	0.15	200	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Benzene	mg/Kg	0.33	11	1.4	46	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Toluene	mg/Kg	--	1,400	--	7,300	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Ethylbenzene	mg/Kg	5.8	2,400	25	17,000	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
m,p-Xylene	mg/Kg	--	550	--	2,400	<0.0062	<0.0061	<0.0059	<0.0062	<0.0058	<0.0058	<0.0055	<0.0061	<0.0055	<0.0062	<0.0058	<0.0059	<0.0060	<0.0058	<0.0057	<0.0061
o-Xylene	mg/Kg	--	640	--	2,800	<0.0031	<0.0030	<0.0029	<0.0031	<0.0029	<0.0029	<0.0028	<0.0031	<0.0027	<0.0031	<0.0029	<0.0029	<0.0030	<0.0029	<0.0029	<0.0030
Acetone	mg/Kg	--	70,000	--	1,100,000	<0.0062	<0.0061	<0.0059	<0.0062	<0.0058	0.012	0.040	<0.0061	<0.0055	0.024	<0.0058	0.028	0.015	0.021	0.011	0.033
Methyl ethyl ketone	mg/Kg	--	27,000	--	190,000	<0.0062	<0.0061	<0.0059	<0.0062	<0.0058	<0.0058	<0.0055	<0.0061	<0.0055	<0.0062	<0.0058	<0.0059	<0.0060	<0.0058	<0.0057	<0.0061
Methyl isobutyl ketone	mg/Kg	--	33,000	--	140,000	<0.0062	<0.0061	<0.0059	<0.0062	<0.0058	<0.0058	<0.0055	<0.0061	<0.0055	<0.0062	<0.0058	<0.0059	<0.0060	<0.0058	<0.0057	<0.0061
2-Hexanone (MBK)	mg/Kg	--	200	--	1,300	<0.0062	<0.0061	<0.0059	<0.0062	<0.0058	<0.0058	<0.0055	<0.0061	<0.0055	<0.0062	<0.0058	<0.0059	<0.0060	<0.0058	<0.0057	<0.0061

Notes:

[1] Values in Black = Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (SLs), published June 2020, revised April 2025.

[2] Values in Blue = Where a DTSC SL is not established, the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs), published November 2024, are used.

[3] Values in Green = Where a DTSC SL and EPA RSL are not established, the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Level (ESL), published September 2025 (revision 3) are used.

-- = Screening Level not established by the DTSC, EPA, or SFBRWQCB

mg/kg = milligrams per kilogram

Bold value indicates a detection

<Value = Analyte not detected above the laboratory reporting limit (RL)

Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Cancer Risk

Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard

Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Cancer Risk

Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard

Table 7 - Summary of PCB and SVOC Analytical Results

Frank Otis Elementary School
3010 Fillmore Street, Alameda, Alameda County, California
Terracon Project No. NA247141

Boring ID:		Screening Levels[1,2,3]				S02		S08		S15		S32		S39		S40		S42		S43		S44
Sample ID:	Units	Residential Cancer Risk	Residential Non-Cancer Hazard	Commercial / Industrial Cancer Risk	Commercial / Industrial Non-Cancer Hazard	S02-1.0	S02-2.5	S08-1.0	S08-2.5	S15-1.0	S15-2.5	S32-1.0	S32-2.5	S39-1.0	S39-2.5	S40-1.0	S40-2.5	S42-1.0	S42-2.5	S43-1.0	S43-2.5	S44-0.5
Sample Interval (ft bgs)						0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0 - 0.5
Sample Date:						4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025
Polychlorinated Biphenyls (PCBs) by EPA Method 8082																						
Aroclor-1016	mg/Kg	6.6	4.1	22	38	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.12	<0.012	<0.12	<0.012	<0.011	<0.012	<0.011
Aroclor-1221	mg/Kg	0.2	--	0.69	--	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.12	<0.012	<0.12	<0.012	<0.011	<0.012	<0.011
Aroclor-1232	mg/Kg	0.17	--	0.61	--	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.12	<0.012	<0.12	<0.012	<0.011	<0.012	<0.011
Aroclor-1242	mg/Kg	0.23	--	0.76	--	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.12	<0.012	<0.12	<0.012	<0.011	<0.012	<0.011
Aroclor-1248	mg/Kg	0.23	--	0.76	--	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.12	<0.012	<0.12	<0.012	<0.011	<0.012	<0.011
Aroclor-1254	mg/Kg	0.24	1.2	0.78	11	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.12	<0.012	<0.12	<0.012	<0.011	<0.012	<0.011
Aroclor-1260	mg/Kg	0.24	--	0.79	--	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.12	<0.012	<0.12	<0.012	<0.011	<0.012	<0.011
Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270C																						
Acenaphthene	mg/Kg	--	3600	--	29000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Acenaphthylene	mg/Kg	--	--	--	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Aniline	mg/Kg	95	440	260	3,700	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Anthracene	mg/Kg	--	18,000	--	170,000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Azobenzene	mg/Kg	*5.6*	--	*26*	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Benzo (a) anthracene	mg/Kg	1.1	--	16	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Benzo (a) pyrene	mg/Kg	0.11	18	1.7	180	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Benzo (b) fluoranthene	mg/Kg	1.1	--	17	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Benzo (g,h,i) perylene	mg/Kg	--	--	--	--	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
Benzo (k) fluoranthene	mg/Kg	11	--	170	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Benzyl alcohol	mg/Kg	--	6,300	--	68000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
4-Bromophenyl phenyl ether	mg/Kg	--	--	--	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Butyl benzyl phthalate	mg/Kg	290	13,000	1000	140000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Carbazole	mg/Kg	--	--	--	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
4-Chloro-3-methylphenol	mg/Kg	--	6,300	--	53,000	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
4-Chloroaniline	mg/Kg	2.7	32	9.5	340	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Bis(2-chloroethoxy)methane	mg/Kg	--	190	--	2,000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Bis(2-chloroethyl)ether	mg/Kg	0.1	--	0.47	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Bis(2-chloroisopropyl)ether	mg/Kg	--	2,000	--	16,000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
2-Chloronaphthalene	mg/Kg	--	4,100	--	34,000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
2-Chlorophenol	mg/Kg	--	340	--	3,900	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
4-Chlorophenyl phenyl ether	mg/Kg	--	--	--	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Chrysene	mg/Kg	110	--	1700	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Dibenz (a,h) anthracene	mg/Kg	0.028	--	0.41	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Dibenzofuran	mg/Kg	--	70	--	820	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Di-n-butyl phthalate	mg/Kg	--	6,300	--	68000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
1,2-Dichlorobenzene	mg/Kg	--	*1,800*	--	*9,300*	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
1,4-Dichlorobenzene	mg/Kg	*2.6*	*3,400*	*11*	*25,000*	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
2,4-Dichlorophenol	mg/Kg	--	190	--	2,000	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
Diethyl phthalate	mg/Kg	--	51,000	--	540,000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
2,4-Dimethylphenol	mg/Kg	--	1,300	--	14000	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
Dimethyl phthalate	mg/Kg	--	4,200	--	28,000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
4,6-Dinitro-2-methylphenol	mg/Kg	--	--	--	--	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
2,4-Dinitrophenol	mg/Kg	--	130	--	1,400	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
2,4-Dinitrotoluene	mg/Kg	1.7	130	6.1	1,300	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
2,6-Dinitrotoluene	mg/Kg	0.36	19	1.3	200	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
Di-n-octyl phthalate	mg/Kg	--	630	--	6,800	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Bis(2-ethylhexyl)phthalate	mg/Kg	39	1,300	140	14000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Fluoranthene	mg/Kg	--	2,400	--	24,000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Fluorene	mg/Kg	--	2400	--	21000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Hexachlorobenzene	mg/Kg	0.19	0.61	0.86	5.9	<1.9	<1.8	<1.8	<1.8	<1.8	<1.7	<17	<1.8	<16	<1.9	<17	<1.8	<1.8	<1.7	<1.7	<1.8	
Hexachlorobutadiene	mg/Kg	1.2	29	5.3	160	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Hexachlorocyclopentadiene	mg/Kg	--	*1.8*	--	*7.5*	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
Hexachloroethane	mg/Kg	*1.8*	*45*	*8.0*	*460*	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Indeno (1,2,3-cd) pyrene	mg/Kg	1.1	--	17	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Isophorone	mg/Kg	570	13,000	2,000	140,000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
1-Methylnaphthalene	mg/Kg	5.6	0.18	21	0.77	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
2-Methylnaphthalene	mg/Kg	--	190	--	1,500	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
4-Methylphenol	mg/Kg	--	6,300	--	53,000	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
2-Methylphenol	mg/Kg	--	3,200	--	26,000	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
Naphthalene	mg/Kg	2.0	130	7.6	590	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
4-Nitroaniline	mg/Kg	27	250	95	2,700	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
3-Nitroaniline	mg/Kg	--	--	--	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
2-Nitroaniline	mg/Kg	--	630	--	6,600	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Nitrobenzene	mg/Kg	--	--	--	--	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
2-Nitrophenol	mg/Kg	--	--	--	--	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
4-Nitrophenol	mg/Kg	--	--	--	--	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
N-Nitrosodimethylamine	mg/Kg	0.00081	--	0.013	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
N-Nitrosodiphenylamine	mg/Kg	110	--	390	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
N-Nitrosodi-n-propylamine	mg/Kg	0.078	--	0.27	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Pentachlorophenol	mg/Kg	1.0	250	2.9	2,100	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
Phenanthrene	mg/Kg	--	--	--	--	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Phenol	mg/Kg	--	19,000	--	200,000	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
Pyrene	mg/Kg	--	1,800	--	18,000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
Pyridine	mg/Kg	--	58	--	530	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
2,3,5,6-Tetrachlorophenol	mg/Kg	--	*1,900*	--	*25,000*	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
2,3,4,6-Tetrachlorophenol	mg/Kg	--	1,900	--	20,000	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
1,2,4-Trichlorobenzene	mg/Kg	7.8	58	35	260	<0.37	<0.36	<0.35	<0.37	<0.35	<0.35	<3.3	<0.37	<3.3	<0.37	<3.5	<0.35	<0.36	<0.35	<0.34	<0.36	
2,4,6-Trichlorophenol	mg/Kg	7.8	63	27	680	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	
2,4,5-Trichlorophenol	mg/Kg	--	6,300	--	68,000	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<11	<1.2	<11	<1.2	<12	<1.2	<1.2	<1.2	<1.1	<1.2	

Notes:

[1] Values in Black = Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (SLs), published June 2020, revised April 2025.
[2] Values in Blue = Where a DTSC SL is not established, the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs), published November 2024, are used.
[3] Values in Green = Where a DTSC SL and EPA RSL are not established, the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Level (ESL), published September 2025 (revision 3) are used.

-- = Screening Level not established by the DTSC, EPA, or SFBRWQCB

mg/Kg = milligrams per kilogram

Bold value indicates a detection

<Value = Analyte not detected above the laboratory reporting limit (RL)

	Sample not analyzed for a given analyte
	Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Cancer Risk
	Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard
	Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Cancer Risk
	Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard

Table 8 - Summary of Arsenic Concentrations in Step Out Samples

Frank Otis Elementary School
3010 Fillmore Street, Alameda, Alameda County, California
Terracon Project No. NA247141

Boring ID:	Units	S02		S02-5N		S02-5E		S02-5W	
Sample ID:		S02-1.0	S02-2.5	S02-5N-1.0	S02-5N-2.5	S02-5E-1.0	S02-5E-2.5	S02-5W-1.0	S02-5W-2.5
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0	2.0 - 2.5	2.0 - 2.5	2.0 - 2.5
Sample Date:		4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Arsenic by EPA Method 6020									
Arsenic	mg/Kg	18	5.9	6.3	--	6.3	--	5.2	--

Boring ID:	Units	S15		S15-5N			S15-5S			S15-5W		
Sample ID:		S15-1.0	S15-2.5	S15-5N-1.0	S15-5N-2.5	S15-5N-3.0	S15-5S-1.0	S15-5S-2.5	S15-5S-3.0	S15-5W-1.0	S15-5W-2.5	S15-5W-3.0
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0
Sample Date:		4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Arsenic by EPA Method 6020												
Arsenic	mg/Kg	22	12	16	19	3.3	8.7	8.9	--	6.0	5.0	--

Boring ID:	Units	S32		S32-5NE			S32-5SE			S32-5NW		
Sample ID:		S32-1.0	S32-2.5	S32-5NE-1.0	S32-5NE-2.5	S32-5NE-3.0	S32-5SE-1.0	S32-5SE-2.5	S32-5SE-3.0	S32-5NW-1.0	S32-5NW-2.5	S32-5NW-3.0
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0
Sample Date:		4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Arsenic by EPA Method 6020												
Arsenic	mg/Kg	5.9	12	8.4	11	--	5.1	13	12	4.7	6.2	--

Boring ID:	Units	S40		S40-5N		S40-5E		S40-5S		S40-5W	
Sample ID:		S40-1.0	S40-2.5	S40-5N-1.0	S40-5N-2.5	S40-5E-1.0	S40-5E-2.5	S40-5S-1.0	S40-5S-2.5	S40-5W-1.0	S40-5W-2.5
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Sample Date:		4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Arsenic by EPA Method 6020											
Arsenic	mg/Kg	12	5.4	6.2	--	4.0	--	4.9	--	6.6	--

Notes:

Values compared to:

1. Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (SLs), published June 2020, revised April 2025
2. *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region* , published by Duvergé, Dylan Jacques, dated December 2011

-- = Not Analyzed

mg/kg = milligrams per kilogram

Bold value indicates a detection

<Value = Analyte not detected above the laboratory reporting limit (RL)

	Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Cancer Risk of 0.032 mg/kg
	Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard of 0.41 mg/kg
	Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Cancer Risk of 0.13 mg/kg
	Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard of 5.0 mg/kg
	Concentration reported above the maximum regional concentration for arsenic of 11 mg/kg

Table 9 - Summary of Cadmium and Mercury Concentrations in Step Out Samples

Frank Otis Elementary School
3010 Fillmore Street, Alameda, Alameda County, California
Terracon Project No. NA247141

Boring ID:	Units	Screening Levels[1,2,3]				S02		S02-5N		S02-5E		S02-5W	
Sample ID:		Residential Cancer Risk	Residential Non-Cancer Hazard	Commercial / Industrial Cancer Risk	Commercial / Industrial Non-Cancer Hazard	S02-1.0	S02-2.5	S02-5N-1.0	S02-5N-2.5	S02-5E-1.0	S02-5E-2.5	S02-5W-1.0	S02-5W-2.5
Sample Interval (ft bgs)						0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Sample Date:						4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Cadmium by EPA Method 6010													
Cadmium	mg/Kg	910	7.1	4,000	100	13	<0.30	<0.477	--	<0.487	--	<0.501	--

Boring ID:	Units	Screening Levels[1,2,3]				S08		S08-5N (S08-5S) [4]			S08-5E		
Sample ID:		Residential Cancer Risk	Residential Non-Cancer Hazard	Commercial / Industrial Cancer Risk	Commercial / Industrial Non-Cancer Hazard	S08-1.0	S08-2.5	S08-5N-1.0	S08-5N-2.5	S08-5N-3.0	S08-5E-1.0	S08-5E-2.5	S08-5E-3.0
Sample Interval (ft bgs)						0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0
Sample Date:						4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Mercury by EPA Method 7471													
Mercury	mg/Kg	--	0.67	--	2.9	0.58	1.3	--	0.29	0.42	--	1.0	0.21

Notes:

[1] Values in Black = Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (SLs), published June 2020, revised April 2025.

[2] Values in Blue = Where a DTSC SL is not established, the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs), published November 2024, are used.

[3] Values in Green = Where a DTSC SL and EPA RSL are not established, the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Level (ESL), published September 2025 (revision 3) are used.

[4] Boring S08-5S was logged in the laboratory report as S08-5N

-- = Not Analyzed

mg/kg = milligrams per kilogram

Bold value indicates a detection

<Value = Analyte not detected above the laboratory reporting limit (RL)

Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Cancer Risk

Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard

Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Cancer Risk

Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard

Table 10 - Summary of Lead Concentrations in Step Out Samples

Frank Otis Elementary School
3010 Fillmore Street, Alameda, Alameda County, California
Terracon Project No. NA247141

Boring ID:	Units	S10		S10-5N		S10-5E		S10-5W	
Sample ID:		S10-1.0	S10-2.5[a]	S10-5N-1.0	S10-5N-2.5	S10-5E-1.0	S10-5E-2.5	S10-5W-1.0	S10-5N-2.5
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Sample Date:		4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Lead by EPA Method 6010									
Lead	mg/Kg	130	25	17.4	--	9.22	--	30.2	--

Boring ID:	Units	S27		S27-5N		S27-5S		S27-5W	
Sample ID:		S27-1.0	S27-2.5[a]	S27-5N-1.0	S27-5N-2.5	S27-5S-1.0	S27-5S-2.5	S27-5W-1.0	S27-5W-2.5
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Sample Date:		4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Lead by EPA Method 6010									
Lead	mg/Kg	98	26	9.59	--	156	12	18.4	--

Boring ID:	Units	S31		S31-5N		S31-5NE		S31-5W	
Sample ID:		S31-1.0	S31-2.5	S31-5N-1.0	S31-5N-2.5	S31-5S-1.0	S31-5S-2.5	S27-5W-1.0	S27-5W-2.5
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Sample Date:		4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Lead by EPA Method 6010									
Lead	mg/Kg	130	3.3	3.49	--	6.54	--	28.3	--

Boring ID:	Units	S33			S33-5NE			S33-5SE			S33-5SW		
Sample ID:		S33-1.0	S33-2.5	S33-3.0	S33-5NE-1.0	S33-5NE-2.5	S33-5NE-3.0	S33-5SE-1.0	S33-5SE-2.5	S33-5SE-3.0	S33-5SW-1.0	S33-5SW-2.5	S33-5SW-3.0
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	2.5 - 3.0	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0
Sample Date:		4/7/2025	4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Lead by EPA Method 6010													
Lead	mg/Kg	21	130	--	38.7	302	18	42.8	23.2	--	57.4	94.8	21

Boring ID:	Units	S37		S37-5N		S37-5E		S37-5S		S37-5W	
Sample ID:		S37-1.0	S37-2.5	S37-5N-1.0	S37-5N-2.5	S37-5E-1.0	S37-5E-2.5	S37-5S-1.0	S37-5S-2.5	S37-5W-1.0	S37-5W-2.5
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Sample Date:		4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Lead by EPA Method 6010											
Lead	mg/Kg	80	13	42.7	--	16.1	--	15.6	--	23.0	--

Notes:

[a] Value reported for the associated composite sample group - See Table 3

Values compared to the Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (SLs), published June 2020, revised April 2025.

-- = Not Analyzed

mg/kg = milligrams per kilogram

Bold value indicates a detection

<Value = Analyte not detected above the laboratory reporting limit (RL)

Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard of 80 mg/kg

Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard of 500 mg/kg

Table 11 - Summary of Hexavalent Chromium Concentrations in Step Out Samples

Frank Otis Elementary School
3010 Fillmore Street, Alameda, Alameda County, California
Terracon Project No. NA247141

Boring ID:	Units	S08		S08-5N			S08-5E		
Sample ID:		S08-1.0	S08-2.5	S08-5N-1.0	S08-5N-2.5	S08-5N-3.0	S08-5E-1.0	S08-5E-2.5	S08-5E-3.0
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0
Sample Date:		4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Hexavalent Chromium by EPA Method 7199									
Hexavalent Chromium	mg/Kg	0.46	0.49	<0.055	<0.052	--	<0.054	<0.050	--

Boring ID:	Units	S15		S15-5N			S15-5S			S15-5W		
Sample ID:		S15-1.0	S15-2.5	S15-5N-1.0	S15-5N-2.5	S15-5N-3.0	S15-5S-1.0	S15-5S-2.5	S15-5S-3.0	S15-5W-1.0	S15-5W-2.5	S15-5W-3.0
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0	0.5 - 1.0	2.0 - 2.5	2.5 - 3.0
Sample Date:		4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Hexavalent Chromium by EPA Method 7199												
Hexavalent Chromium	mg/Kg	0.40	<0.23	<0.046	--	--	<0.048	--	--	<0.051	--	--

Boring ID:	Units	S40		S40-5N		S40-5E		S40-5S		S40-5W	
Sample ID:		S40-1.0	S40-2.5	S40-5N-1.0	S40-5N-2.5	S40-5E-1.0	S40-5E-2.5	S40-5S-1.0	S40-5S-2.5	S40-5W-1.0	S40-5W-2.5
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Sample Date:		4/7/2025	4/7/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025	7/23/2025
Hexavalent Chromium by EPA Method 7199											
Hexavalent Chromium	mg/Kg	0.42	<0.23	<0.051	--	<0.052	--	<0.053	--	<0.054	--

Boring ID:	Units	S46		S47		S48		S49	
Sample ID:		S46-1.0	S46-2.5	S47-1.0	S47-2.5	S48-1.0	S48-2.5	S49-1.0	S49-2.5
Sample Interval (ft bgs)		0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
Sample Date:		4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025	4/7/2025
Hexavalent Chromium by EPA Method 7199									
Hexavalent Chromium	mg/Kg	<0.052	<0.049	0.35	0.45	0.33	<0.049	<0.051	<0.052

Notes:

Values compared to the Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (SLs), published June 2020, revised April 2025.

-- = Not Analyzed

mg/kg = milligrams per kilogram

Bold value indicates a detection

<Value = Analyte not detected above the laboratory reporting limit (RL)

Concentration reported above the Residential SL for Direct Exposure Human Health Risk Levels, Cancer Risk of 0.3 mg/kg

Concentration reported above the Commercial / Industrial SL for Direct Exposure Human Health Risk Levels, Cancer Risk of 6.2 mg/kg

APPENDIX C

Laboratory Analytical Reports and Chain of Custody Forms

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

17 April 2025

Sadie Bodiford
Terracon -- Sacramento
50 Goldenland Court, Suite 100
Sacramento, CA 95834

RE: Frank Otis Elementary School

Enclosed are the results of analyses for samples received by the laboratory on 04/09/25 11:34. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jeff Lee
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S02-1.0	T251615-03	Soil	04/07/25 14:45	04/09/25 11:34
S02-2.5	T251615-04	Soil	04/07/25 14:50	04/09/25 11:34
S08-1.0	T251615-15	Soil	04/07/25 09:38	04/09/25 11:34
S08-2.5	T251615-16	Soil	04/07/25 09:37	04/09/25 11:34
S15-1.0	T251615-29	Soil	04/07/25 12:06	04/09/25 11:34
S15-2.5	T251615-30	Soil	04/07/25 12:05	04/09/25 11:34
S32-1.0	T251615-63	Soil	04/07/25 09:08	04/09/25 11:34
S32-2.5	T251615-64	Soil	04/07/25 09:05	04/09/25 11:34
S36-1.0	T251615-71	Soil	04/07/25 10:28	04/09/25 11:34
S36-2.5	T251615-72	Soil	04/07/25 10:25	04/09/25 11:34
S37-1.0	T251615-73	Soil	04/07/25 12:35	04/09/25 11:34
S37-2.5	T251615-74	Soil	04/07/25 12:34	04/09/25 11:34
S38-1.0	T251615-75	Soil	04/07/25 12:22	04/09/25 11:34
S38-2.5	T251615-76	Soil	04/07/25 12:20	04/09/25 11:34
S39-1.0	T251615-77	Soil	04/07/25 12:30	04/09/25 11:34
S39-2.5	T251615-78	Soil	04/07/25 12:29	04/09/25 11:34
S40-1.0	T251615-79	Soil	04/07/25 11:40	04/09/25 11:34
S40-2.5	T251615-80	Soil	04/07/25 11:38	04/09/25 11:34
S42-1.0	T251615-81	Soil	04/07/25 12:41	04/09/25 11:34
S42-2.5	T251615-82	Soil	04/07/25 12:44	04/09/25 11:34
S43-1.0	T251615-83	Soil	04/07/25 13:00	04/09/25 11:34
S43-2.5	T251615-84	Soil	04/07/25 13:12	04/09/25 11:34
S44-0.5	T251615-85	Soil	04/07/25 14:05	04/09/25 11:34

Per client's email request, 6020 Lead analysis has been added to all 6 samples that are associated with sample ID "S36", "S37", and "S38". JL 4/14/25

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

DETECTIONS SUMMARY

Sample ID: S02-1.0 **Laboratory ID:** T251615-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**7.0**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**18**	0.062	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**110**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**14**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**13**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**31**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**20**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**35**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**41**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**13**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**34**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Selenium	**13**	0.62	ıg/kg dry wt. dr	6020 ICP-MS	
Silver	**16**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Thallium	**12**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**34**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**69**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**80.9**		%	% calculation	

Sample ID: S02-2.5 **Laboratory ID:** T251615-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.9**	0.061	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**200**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.65**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**72**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**22**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**29**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**20**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.56**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**160**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Selenium	**0.70**	0.61	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**59**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Sample ID: S02-2.5 **Laboratory ID:** T251615-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Zinc	**56**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.75**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
% Solids	**82.6**		%	% calculation	

Sample ID: S08-1.0 **Laboratory ID:** T251615-15

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.29**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**7.2**	0.059	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**150**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.46**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**38**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**16**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**27**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**12**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.54**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**80**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**63**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**71**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.58**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Hexavalent Chromium	**0.46**	0.23	ıg/kg dry wt. dr	EPA 7199	
% Solids	**85.3**		%	% calculation	

Sample ID: S08-2.5 **Laboratory ID:** T251615-16

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.31**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**4.7**	0.062	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**98**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.73**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**92**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**11**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**31**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**16**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.52**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	

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Sample ID: S08-2.5 **Laboratory ID:** T251615-16

Analyte	Result	Reporting Limit	Units	Method	Notes
Nickel	**150**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**66**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**45**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**1.3**	0.25	ıg/kg dry wt. dr	EPA 7471A Soil	
Hexavalent Chromium	**0.49**	0.25	ıg/kg dry wt. dr	EPA 7199	
% Solids	**81.3**		%	% calculation	

Sample ID: S15-1.0 **Laboratory ID:** T251615-29

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**22**	0.058	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**160**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.42**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**0.54**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**44**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**17**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**37**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**31**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**2.3**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**68**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**78**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**130**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.65**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Hexavalent Chromium	**0.40**	0.23	ıg/kg dry wt. dr	EPA 7199	
% Solids	**85.7**		%	% calculation	

Sample ID: S15-2.5 **Laboratory ID:** T251615-30

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.42**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**12**	0.058	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**110**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.47**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**0.46**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**42**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	

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Sample ID: S15-2.5 **Laboratory ID:** T251615-30

Analyte	Result	Reporting Limit	Units	Method	Notes
Cobalt	**15**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**28**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**23**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**1.3**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**76**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Selenium	**0.72**	0.58	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**55**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**160**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.63**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Acetone	**0.012**	0.0058	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**86.4**		%	% calculation	

Sample ID: S32-1.0 **Laboratory ID:** T251615-63

Analyte	Result	Reporting Limit	Units	Method	Notes
C13-C28 (DRO)	**17**	11	ıg/kg dry wt. dr	EPA 8015B	D-06
C29-C40 (MORO)	**150**	11	ıg/kg dry wt. dr	EPA 8015B	D-06
Antimony	**0.44**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**5.9**	0.055	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**100**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.33**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**39**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**13**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**20**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**44**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.91**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**72**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**45**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**74**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.44**	0.11	ıg/kg dry wt. dr	EPA 7471A Soil	
Acetone	**0.040**	0.0055	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**90.5**		%	% calculation	

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Sample ID: S32-2.5 **Laboratory ID:** T251615-64

Analyte	Result	Reporting Limit	Units	Method	Notes
C29-C40 (MORO)	**110**	12	ıg/kg dry wt. dr	EPA 8015B	D-06
Antimony	**0.49**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**12**	0.061	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**76**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**0.35**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**6.3**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**10**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**22**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**17**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.88**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**9.4**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Thallium	**0.38**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**40**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**120**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.47**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
% Solids	**81.8**		%	% calculation	

Sample ID: S36-1.0 **Laboratory ID:** T251615-71

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**18**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

Sample ID: S36-2.5 **Laboratory ID:** T251615-72

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**14**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

Sample ID: S37-1.0 **Laboratory ID:** T251615-73

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**80**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

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Sample ID: S37-2.5 **Laboratory ID:** T251615-74

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**13**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

Sample ID: S38-1.0 **Laboratory ID:** T251615-75

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**26**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

Sample ID: S38-2.5 **Laboratory ID:** T251615-76

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**21**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

Sample ID: S39-1.0 **Laboratory ID:** T251615-77

Analyte	Result	Reporting Limit	Units	Method	Notes
C29-C40 (MORO)	**160**	11	ıg/kg dry wt. dr	EPA 8015B	D-06
Lead	**15**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.42**	0.11	ıg/kg dry wt. dr	EPA 7471A Soil	
% Solids	**91.7**		%	% calculation	

Sample ID: S39-2.5 **Laboratory ID:** T251615-78

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.43**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**5.3**	0.062	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**360**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.62**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**0.32**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**37**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**13**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**36**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**69**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.46**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	

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Sample ID: S39-2.5 **Laboratory ID:** T251615-78

Analyte	Result	Reporting Limit	Units	Method	Notes
Nickel	**57**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**56**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**99**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Acetone	**0.024**	0.0062	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**81.1**		%	% calculation	

Sample ID: S40-1.0 **Laboratory ID:** T251615-79

Analyte	Result	Reporting Limit	Units	Method	Notes
C29-C40 (MORO)	**130**	12	ıg/kg dry wt. dr	EPA 8015B	D-06
Antimony	**0.44**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**12**	0.058	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**140**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.32**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**0.59**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**15**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**15**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**24**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**49**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.75**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**25**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**56**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**180**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.37**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Hexavalent Chromium	**0.42**	0.23	ıg/kg dry wt. dr	EPA 7199	
% Solids	**86.5**		%	% calculation	

Sample ID: S40-2.5 **Laboratory ID:** T251615-80

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.4**	0.059	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**270**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.66**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**70**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**17**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	

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Sample ID: S40-2.5 **Laboratory ID:** T251615-80

Analyte	Result	Reporting Limit	Units	Method	Notes
Copper	**32**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**10**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.53**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**130**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**60**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**47**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.46**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Acetone	**0.028**	0.0059	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**85.5**		%	% calculation	

Sample ID: S42-1.0 **Laboratory ID:** T251615-81

Analyte	Result	Reporting Limit	Units	Method	Notes
C29-C40 (MORO)	**150**	12	ıg/kg dry wt. dr	EPA 8015B	D-06
Arsenic	**4.7**	0.060	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**78**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**52**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**15**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**42**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**3.5**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.35**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**48**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**160**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**43**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.59**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Acetone	**0.015**	0.0060	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**83.1**		%	% calculation	

Sample ID: S42-2.5 **Laboratory ID:** T251615-82

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**3.7**	0.058	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**170**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.43**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**45**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	

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Sample ID: S42-2.5 **Laboratory ID:** T251615-82

Analyte	Result	Reporting Limit	Units	Method	Notes
Cobalt	**17**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**32**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**42**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**85**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**79**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**95**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.29**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Acetone	**0.021**	0.0058	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**85.8**		%	% calculation	

Sample ID: S43-1.0 **Laboratory ID:** T251615-83

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**3.7**	0.057	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**200**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.43**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**28**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**12**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**14**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**8.3**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.31**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**36**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**31**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**29**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Acetone	**0.011**	0.0057	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**87.4**		%	% calculation	

Sample ID: S43-2.5 **Laboratory ID:** T251615-84

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.5**	0.061	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**270**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.62**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**32**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**12**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	

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Sample ID: S43-2.5 **Laboratory ID:** T251615-84

Analyte	Result	Reporting Limit	Units	Method	Notes
Copper	**26**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**11**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**50**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**45**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**40**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Acetone	**0.033**	0.0061	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**82.4**		%	% calculation	

Sample ID: S44-0.5 **Laboratory ID:** T251615-85

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**88.4**		%	% calculation	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S02-1.0

T251615-03 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*84.5 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**7.0**	0.31	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**18**	0.062	"	"	"	"	"	"	
Barium	**110**	0.31	"	"	"	"	"	"	
Beryllium	**14**	0.31	"	"	"	"	"	"	
Cadmium	**13**	0.31	"	"	"	"	"	"	
Chromium	**31**	0.31	"	"	"	"	"	"	
Cobalt	**20**	0.31	"	"	"	"	"	"	
Copper	**35**	0.31	"	"	"	"	"	"	
Lead	**41**	0.31	"	"	"	"	"	"	
Molybdenum	**13**	0.31	"	"	"	"	"	"	
Nickel	**34**	0.31	"	"	"	"	"	"	
Selenium	**13**	0.62	"	"	"	"	"	"	
Silver	**16**	0.31	"	"	"	"	"	"	
Thallium	**12**	0.31	"	"	"	"	"	"	
Vanadium	**34**	0.31	"	"	"	"	"	"	
Zinc	**69**	0.31	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-03 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0062	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0062	"	"	"	"	"	"	
beta-BHC	ND	0.0062	"	"	"	"	"	"	
delta-BHC	ND	0.0062	"	"	"	"	"	"	
Heptachlor	ND	0.0062	"	"	"	"	"	"	
Aldrin	ND	0.0062	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0062	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0062	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0062	"	"	"	"	"	"	
Endosulfan I	ND	0.0062	"	"	"	"	"	"	
4,4´-DDE	ND	0.0062	"	"	"	"	"	"	
Dieldrin	ND	0.0062	"	"	"	"	"	"	
Endrin	ND	0.0062	"	"	"	"	"	"	
4,4´-DDD	ND	0.0062	"	"	"	"	"	"	
Endosulfan II	ND	0.0062	"	"	"	"	"	"	
4,4´-DDT	ND	0.0062	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0062	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0062	"	"	"	"	"	"	
Methoxychlor	ND	0.0062	"	"	"	"	"	"	
Endrin ketone	ND	0.0062	"	"	"	"	"	"	
Toxaphene	ND	0.025	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*37.6 %*	*35-140*		*"*	*"*	*"*	*"*	
Surrogate: Decachlorobiphenyl		*9.75 %*	*35-140*		*"*	*"*	*"*	*"*	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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T251615-03 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*24.7 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*8.29 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0031	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0031	"	"	"	"	"	"	
Bromoform	ND	0.0031	"	"	"	"	"	"	
Bromomethane	ND	0.0031	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0031	"	"	"	"	"	"	
Chlorobenzene	ND	0.0031	"	"	"	"	"	"	
Chloroethane	ND	0.0031	"	"	"	"	"	"	
Chloroform	ND	0.0031	"	"	"	"	"	"	
Chloromethane	ND	0.0031	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0062	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0031	"	"	"	"	"	"	
Dibromomethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0031	"	"	"	"	"	"	

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T251615-03 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0031	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0031	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0031	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0031	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0031	"	"	"	"	"	"	
Styrene	ND	0.0031	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
Trichloroethene	ND	0.0031	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
Vinyl chloride	ND	0.0031	"	"	"	"	"	"	
Benzene	ND	0.0031	"	"	"	"	"	"	
Toluene	ND	0.0031	"	"	"	"	"	"	
Ethylbenzene	ND	0.0031	"	"	"	"	"	"	

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T251615-03 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0062	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0031	"	"	"	"	"	"	
Acetone	ND	0.0062	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0062	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0062	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0062	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.1 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*77.6 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.37	"	"	"	"	"	"	
Aniline	ND	0.37	"	"	"	"	"	"	
Anthracene	ND	0.37	"	"	"	"	"	"	
Azobenzene	ND	0.37	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.37	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.37	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzyl alcohol	ND	0.37	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.37	"	"	"	"	"	"	
Carbazole	ND	0.37	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.37	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.37	"	"	"	"	"	"	

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T251615-03 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Chrysene	ND	0.37	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.37	"	"	"	"	"	"	
Dibenzofuran	ND	0.37	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.37	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.37	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.37	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.37	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.37	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.37	"	"	"	"	"	"	
Fluoranthene	ND	0.37	"	"	"	"	"	"	
Fluorene	ND	0.37	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.9	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.37	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.37	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.37	"	"	"	"	"	"	
Isophorone	ND	0.37	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-03 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.37	"	"	"	"	"	"	
3-Nitroaniline	ND	0.37	"	"	"	"	"	"	
2-Nitroaniline	ND	0.37	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.37	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.37	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.37	"	"	"	"	"	"	
Pyridine	ND	0.37	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*43.1 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*51.5 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*54.9 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*54.4 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*87.4 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*74.2 %*	*18.1-105*		"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S02-1.0

T251615-03 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.25	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**80.9**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S02-2.5

T251615-04 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*85.5 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.30	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**5.9**	0.061	"	"	"	"	"	"	
Barium	**200**	0.30	"	"	"	"	"	"	
Beryllium	**0.65**	0.30	"	"	"	"	"	"	
Cadmium	ND	0.30	"	"	"	"	"	"	
Chromium	**72**	0.30	"	"	"	"	"	"	
Cobalt	**22**	0.30	"	"	"	"	"	"	
Copper	**29**	0.30	"	"	"	"	"	"	
Lead	**20**	0.30	"	"	"	"	"	"	
Molybdenum	**0.56**	0.30	"	"	"	"	"	"	
Nickel	**160**	0.30	"	"	"	"	"	"	
Selenium	**0.70**	0.61	"	"	"	"	"	"	
Silver	ND	0.30	"	"	"	"	"	"	
Thallium	ND	0.30	"	"	"	"	"	"	
Vanadium	**59**	0.30	"	"	"	"	"	"	
Zinc	**56**	0.30	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.75**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-04 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0061	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0061	"	"	"	"	"	"	
beta-BHC	ND	0.0061	"	"	"	"	"	"	
delta-BHC	ND	0.0061	"	"	"	"	"	"	
Heptachlor	ND	0.0061	"	"	"	"	"	"	
Aldrin	ND	0.0061	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0061	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0061	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0061	"	"	"	"	"	"	
Endosulfan I	ND	0.0061	"	"	"	"	"	"	
4,4´-DDE	ND	0.0061	"	"	"	"	"	"	
Dieldrin	ND	0.0061	"	"	"	"	"	"	
Endrin	ND	0.0061	"	"	"	"	"	"	
4,4´-DDD	ND	0.0061	"	"	"	"	"	"	
Endosulfan II	ND	0.0061	"	"	"	"	"	"	
4,4´-DDT	ND	0.0061	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0061	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0061	"	"	"	"	"	"	
Methoxychlor	ND	0.0061	"	"	"	"	"	"	
Endrin ketone	ND	0.0061	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*40.8 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*15.7 %*	*35-140*		"	"	"	"	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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S02-2.5

T251615-04 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*32.0 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*11.1 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0030	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0030	"	"	"	"	"	"	
Bromoform	ND	0.0030	"	"	"	"	"	"	
Bromomethane	ND	0.0030	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0030	"	"	"	"	"	"	
Chlorobenzene	ND	0.0030	"	"	"	"	"	"	
Chloroethane	ND	0.0030	"	"	"	"	"	"	
Chloroform	ND	0.0030	"	"	"	"	"	"	
Chloromethane	ND	0.0030	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0061	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0030	"	"	"	"	"	"	
Dibromomethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0030	"	"	"	"	"	"	

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T251615-04 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0030	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0030	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0030	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0030	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0030	"	"	"	"	"	"	
Styrene	ND	0.0030	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
Trichloroethene	ND	0.0030	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
Vinyl chloride	ND	0.0030	"	"	"	"	"	"	
Benzene	ND	0.0030	"	"	"	"	"	"	
Toluene	ND	0.0030	"	"	"	"	"	"	
Ethylbenzene	ND	0.0030	"	"	"	"	"	"	

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T251615-04 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0061	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0030	"	"	"	"	"	"	
Acetone	ND	0.0061	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0061	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0061	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0061	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.6 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*80.1 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.36	"	"	"	"	"	"	
Aniline	ND	0.36	"	"	"	"	"	"	
Anthracene	ND	0.36	"	"	"	"	"	"	
Azobenzene	ND	0.36	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.36	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.36	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzyl alcohol	ND	0.36	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.36	"	"	"	"	"	"	
Carbazole	ND	0.36	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.36	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.36	"	"	"	"	"	"	

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T251615-04 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Chrysene	ND	0.36	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.36	"	"	"	"	"	"	
Dibenzofuran	ND	0.36	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.36	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.36	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.36	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.36	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.36	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.36	"	"	"	"	"	"	
Fluoranthene	ND	0.36	"	"	"	"	"	"	
Fluorene	ND	0.36	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.36	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.36	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.36	"	"	"	"	"	"	
Isophorone	ND	0.36	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-04 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.36	"	"	"	"	"	"	
3-Nitroaniline	ND	0.36	"	"	"	"	"	"	
2-Nitroaniline	ND	0.36	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.36	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.36	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.36	"	"	"	"	"	"	
Pyridine	ND	0.36	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*57.3 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*52.4 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*56.3 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*55.8 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*91.0 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*80.1 %*	*18.1-105*		"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S02-2.5

T251615-04 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**82.6**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S08-1.0

T251615-15 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*88.5 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.29**	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**7.2**	0.059	"	"	"	"	"	"	
Barium	**150**	0.29	"	"	"	"	"	"	
Beryllium	**0.46**	0.29	"	"	"	"	"	"	
Cadmium	ND	0.29	"	"	"	"	"	"	
Chromium	**38**	0.29	"	"	"	"	"	"	
Cobalt	**16**	0.29	"	"	"	"	"	"	
Copper	**27**	0.29	"	"	"	"	"	"	
Lead	**12**	0.29	"	"	"	"	"	"	
Molybdenum	**0.54**	0.29	"	"	"	"	"	"	
Nickel	**80**	0.29	"	"	"	"	"	"	
Selenium	ND	0.59	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**63**	0.29	"	"	"	"	"	"	
Zinc	**71**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.58**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S08-1.0

T251615-15 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0059	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0059	"	"	"	"	"	"	
beta-BHC	ND	0.0059	"	"	"	"	"	"	
delta-BHC	ND	0.0059	"	"	"	"	"	"	
Heptachlor	ND	0.0059	"	"	"	"	"	"	
Aldrin	ND	0.0059	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0059	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0059	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0059	"	"	"	"	"	"	
Endosulfan I	ND	0.0059	"	"	"	"	"	"	
4,4´-DDE	ND	0.0059	"	"	"	"	"	"	
Dieldrin	ND	0.0059	"	"	"	"	"	"	
Endrin	ND	0.0059	"	"	"	"	"	"	
4,4´-DDD	ND	0.0059	"	"	"	"	"	"	
Endosulfan II	ND	0.0059	"	"	"	"	"	"	
4,4´-DDT	ND	0.0059	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0059	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0059	"	"	"	"	"	"	
Methoxychlor	ND	0.0059	"	"	"	"	"	"	
Endrin ketone	ND	0.0059	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*38.8 %*	*35-140*		*"*	*"*	*"*	*"*	
Surrogate: Decachlorobiphenyl		*18.9 %*	*35-140*		*"*	*"*	*"*	*"*	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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T251615-15 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*35.5 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*14.2 %*	*35-140*		"	"	"	"	*S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0059	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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T251615-15 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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T251615-15 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0059	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	ND	0.0059	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0059	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0059	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0059	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.2 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*82.6 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.35	"	"	"	"	"	"	
Aniline	ND	0.35	"	"	"	"	"	"	
Anthracene	ND	0.35	"	"	"	"	"	"	
Azobenzene	ND	0.35	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.35	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.35	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzyl alcohol	ND	0.35	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.35	"	"	"	"	"	"	
Carbazole	ND	0.35	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.35	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.35	"	"	"	"	"	"	

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T251615-15 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Chrysene	ND	0.35	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.35	"	"	"	"	"	"	
Dibenzofuran	ND	0.35	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.35	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.35	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.35	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.35	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.35	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.35	"	"	"	"	"	"	
Fluoranthene	ND	0.35	"	"	"	"	"	"	
Fluorene	ND	0.35	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.35	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.35	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.35	"	"	"	"	"	"	
Isophorone	ND	0.35	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-15 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.35	"	"	"	"	"	"	
3-Nitroaniline	ND	0.35	"	"	"	"	"	"	
2-Nitroaniline	ND	0.35	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.35	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.35	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.35	"	"	"	"	"	"	
Pyridine	ND	0.35	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*60.9 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*55.4 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*58.7 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*60.3 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*88.8 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*89.7 %*	*18.1-105*		"	"	"	"	

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S08-1.0

T251615-15 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	**0.46**	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**85.3**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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T251615-16 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*83.0 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.31**	0.31	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**4.7**	0.062	"	"	"	"	"	"	
Barium	**98**	0.31	"	"	"	"	"	"	
Beryllium	**0.73**	0.31	"	"	"	"	"	"	
Cadmium	ND	0.31	"	"	"	"	"	"	
Chromium	**92**	0.31	"	"	"	"	"	"	
Cobalt	**11**	0.31	"	"	"	"	"	"	
Copper	**31**	0.31	"	"	"	"	"	"	
Lead	**16**	0.31	"	"	"	"	"	"	
Molybdenum	**0.52**	0.31	"	"	"	"	"	"	
Nickel	**150**	0.31	"	"	"	"	"	"	
Selenium	ND	0.62	"	"	"	"	"	"	
Silver	ND	0.31	"	"	"	"	"	"	
Thallium	ND	0.31	"	"	"	"	"	"	
Vanadium	**66**	0.31	"	"	"	"	"	"	
Zinc	**45**	0.31	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**1.3**	0.25	mg/kg dry wt. dry	2	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S08-2.5

T251615-16 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0062	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0062	"	"	"	"	"	"	
beta-BHC	ND	0.0062	"	"	"	"	"	"	
delta-BHC	ND	0.0062	"	"	"	"	"	"	
Heptachlor	ND	0.0062	"	"	"	"	"	"	
Aldrin	ND	0.0062	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0062	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0062	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0062	"	"	"	"	"	"	
Endosulfan I	ND	0.0062	"	"	"	"	"	"	
4,4´-DDE	ND	0.0062	"	"	"	"	"	"	
Dieldrin	ND	0.0062	"	"	"	"	"	"	
Endrin	ND	0.0062	"	"	"	"	"	"	
4,4´-DDD	ND	0.0062	"	"	"	"	"	"	
Endosulfan II	ND	0.0062	"	"	"	"	"	"	
4,4´-DDT	ND	0.0062	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0062	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0062	"	"	"	"	"	"	
Methoxychlor	ND	0.0062	"	"	"	"	"	"	
Endrin ketone	ND	0.0062	"	"	"	"	"	"	
Toxaphene	ND	0.025	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*42.5 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*16.7 %*		*35-140*	"	"	"	"	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S08-2.5

T251615-16 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*30.4 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*12.5 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0031	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0031	"	"	"	"	"	"	
Bromoform	ND	0.0031	"	"	"	"	"	"	
Bromomethane	ND	0.0031	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0031	"	"	"	"	"	"	
Chlorobenzene	ND	0.0031	"	"	"	"	"	"	
Chloroethane	ND	0.0031	"	"	"	"	"	"	
Chloroform	ND	0.0031	"	"	"	"	"	"	
Chloromethane	ND	0.0031	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0062	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0031	"	"	"	"	"	"	
Dibromomethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0031	"	"	"	"	"	"	

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S08-2.5

T251615-16 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0031	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0031	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0031	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0031	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0031	"	"	"	"	"	"	
Styrene	ND	0.0031	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
Trichloroethene	ND	0.0031	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
Vinyl chloride	ND	0.0031	"	"	"	"	"	"	
Benzene	ND	0.0031	"	"	"	"	"	"	
Toluene	ND	0.0031	"	"	"	"	"	"	
Ethylbenzene	ND	0.0031	"	"	"	"	"	"	

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S08-2.5

T251615-16 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0062	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0031	"	"	"	"	"	"	
Acetone	ND	0.0062	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0062	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0062	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0062	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.6 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.2 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.37	"	"	"	"	"	"	
Aniline	ND	0.37	"	"	"	"	"	"	
Anthracene	ND	0.37	"	"	"	"	"	"	
Azobenzene	ND	0.37	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.37	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.37	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzyl alcohol	ND	0.37	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.37	"	"	"	"	"	"	
Carbazole	ND	0.37	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.37	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.37	"	"	"	"	"	"	

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S08-2.5

T251615-16 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Chrysene	ND	0.37	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.37	"	"	"	"	"	"	
Dibenzofuran	ND	0.37	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.37	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.37	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.37	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.37	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.37	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.37	"	"	"	"	"	"	
Fluoranthene	ND	0.37	"	"	"	"	"	"	
Fluorene	ND	0.37	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.37	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.37	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.37	"	"	"	"	"	"	
Isophorone	ND	0.37	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-16 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.37	"	"	"	"	"	"	
3-Nitroaniline	ND	0.37	"	"	"	"	"	"	
2-Nitroaniline	ND	0.37	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.37	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.37	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.37	"	"	"	"	"	"	
Pyridine	ND	0.37	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*53.7 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*55.5 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*57.2 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*58.3 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*93.1 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*86.5 %*	*18.1-105*		"	"	"	"	

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S08-2.5

T251615-16 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	**0.49**	0.25	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**81.3**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S15-1.0

T251615-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*87.2 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**22**	0.058	"	"	"	"	"	"	
Barium	**160**	0.29	"	"	"	"	"	"	
Beryllium	**0.42**	0.29	"	"	"	"	"	"	
Cadmium	**0.54**	0.29	"	"	"	"	"	"	
Chromium	**44**	0.29	"	"	"	"	"	"	
Cobalt	**17**	0.29	"	"	"	"	"	"	
Copper	**37**	0.29	"	"	"	"	"	"	
Lead	**31**	0.29	"	"	"	"	"	"	
Molybdenum	**2.3**	0.29	"	"	"	"	"	"	
Nickel	**68**	0.29	"	"	"	"	"	"	
Selenium	ND	0.58	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**78**	0.29	"	"	"	"	"	"	
Zinc	**130**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.65**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S15-1.0

T251615-29 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0058	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0058	"	"	"	"	"	"	
beta-BHC	ND	0.0058	"	"	"	"	"	"	
delta-BHC	ND	0.0058	"	"	"	"	"	"	
Heptachlor	ND	0.0058	"	"	"	"	"	"	
Aldrin	ND	0.0058	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0058	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0058	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0058	"	"	"	"	"	"	
Endosulfan I	ND	0.0058	"	"	"	"	"	"	
4,4´-DDE	ND	0.0058	"	"	"	"	"	"	
Dieldrin	ND	0.0058	"	"	"	"	"	"	
Endrin	ND	0.0058	"	"	"	"	"	"	
4,4´-DDD	ND	0.0058	"	"	"	"	"	"	
Endosulfan II	ND	0.0058	"	"	"	"	"	"	
4,4´-DDT	ND	0.0058	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0058	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0058	"	"	"	"	"	"	
Methoxychlor	ND	0.0058	"	"	"	"	"	"	
Endrin ketone	ND	0.0058	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*33.4 %*	*35-140*		*"*	*"*	*"*	*"*	*S-03*
Surrogate: Decachlorobiphenyl		*10.8 %*	*35-140*		*"*	*"*	*"*	*"*	*S-03*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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S15-1.0

T251615-29 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*48.1 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*39.5 %*	*35-140*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0058	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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S15-1.0

T251615-29 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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S15-1.0

T251615-29 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0058	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	ND	0.0058	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0058	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0058	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0058	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.1 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*79.1 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.35	"	"	"	"	"	"	
Aniline	ND	0.35	"	"	"	"	"	"	
Anthracene	ND	0.35	"	"	"	"	"	"	
Azobenzene	ND	0.35	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.35	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.35	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzyl alcohol	ND	0.35	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.35	"	"	"	"	"	"	
Carbazole	ND	0.35	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.35	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.35	"	"	"	"	"	"	

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Chrysene	ND	0.35	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.35	"	"	"	"	"	"	
Dibenzofuran	ND	0.35	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.35	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.35	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.35	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.35	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.35	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.35	"	"	"	"	"	"	
Fluoranthene	ND	0.35	"	"	"	"	"	"	
Fluorene	ND	0.35	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.35	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.35	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.35	"	"	"	"	"	"	
Isophorone	ND	0.35	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-29 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.35	"	"	"	"	"	"	
3-Nitroaniline	ND	0.35	"	"	"	"	"	"	
2-Nitroaniline	ND	0.35	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.35	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.35	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.35	"	"	"	"	"	"	
Pyridine	ND	0.35	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*52.8 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*55.6 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*58.6 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*61.3 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*95.9 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*88.5 %*	*18.1-105*		"	"	"	"	

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S15-1.0

T251615-29 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	**0.40**	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**85.7**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S15-2.5

T251615-30 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*89.1 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.42**	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**12**	0.058	"	"	"	"	"	"	
Barium	**110**	0.29	"	"	"	"	"	"	
Beryllium	**0.47**	0.29	"	"	"	"	"	"	
Cadmium	**0.46**	0.29	"	"	"	"	"	"	
Chromium	**42**	0.29	"	"	"	"	"	"	
Cobalt	**15**	0.29	"	"	"	"	"	"	
Copper	**28**	0.29	"	"	"	"	"	"	
Lead	**23**	0.29	"	"	"	"	"	"	
Molybdenum	**1.3**	0.29	"	"	"	"	"	"	
Nickel	**76**	0.29	"	"	"	"	"	"	
Selenium	**0.72**	0.58	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**55**	0.29	"	"	"	"	"	"	
Zinc	**160**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.63**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S15-2.5

T251615-30 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0058	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0058	"	"	"	"	"	"	
beta-BHC	ND	0.0058	"	"	"	"	"	"	
delta-BHC	ND	0.0058	"	"	"	"	"	"	
Heptachlor	ND	0.0058	"	"	"	"	"	"	
Aldrin	ND	0.0058	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0058	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0058	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0058	"	"	"	"	"	"	
Endosulfan I	ND	0.0058	"	"	"	"	"	"	
4,4´-DDE	ND	0.0058	"	"	"	"	"	"	
Dieldrin	ND	0.0058	"	"	"	"	"	"	
Endrin	ND	0.0058	"	"	"	"	"	"	
4,4´-DDD	ND	0.0058	"	"	"	"	"	"	
Endosulfan II	ND	0.0058	"	"	"	"	"	"	
4,4´-DDT	ND	0.0058	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0058	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0058	"	"	"	"	"	"	
Methoxychlor	ND	0.0058	"	"	"	"	"	"	
Endrin ketone	ND	0.0058	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*45.7 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*13.4 %*		*35-140*	"	"	"	"	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S15-2.5

T251615-30 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*38.5 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*35.1 %*	*35-140*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0058	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

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T251615-30 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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T251615-30 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0058	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	**0.012**	0.0058	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0058	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0058	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0058	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.0 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*82.1 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.35	"	"	"	"	"	"	
Aniline	ND	0.35	"	"	"	"	"	"	
Anthracene	ND	0.35	"	"	"	"	"	"	
Azobenzene	ND	0.35	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.35	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.35	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzyl alcohol	ND	0.35	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.35	"	"	"	"	"	"	
Carbazole	ND	0.35	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.35	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.35	"	"	"	"	"	"	

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T251615-30 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Chrysene	ND	0.35	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.35	"	"	"	"	"	"	
Dibenzofuran	ND	0.35	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.35	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.35	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.35	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.35	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.35	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.35	"	"	"	"	"	"	
Fluoranthene	ND	0.35	"	"	"	"	"	"	
Fluorene	ND	0.35	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.7	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.35	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.35	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.35	"	"	"	"	"	"	
Isophorone	ND	0.35	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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S15-2.5

T251615-30 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.35	"	"	"	"	"	"	
3-Nitroaniline	ND	0.35	"	"	"	"	"	"	
2-Nitroaniline	ND	0.35	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.35	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.35	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.35	"	"	"	"	"	"	
Pyridine	ND	0.35	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*55.5 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*59.2 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*61.5 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*64.6 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*92.9 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*88.5 %*	*18.1-105*		"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S15-2.5

T251615-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**86.4**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S32-1.0

T251615-63 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	11	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	**17**	11	"	"	"	"	"	"	D-06
C29-C40 (MORO)	**150**	11	"	"	"	"	"	"	D-06
Surrogate: p-Terphenyl		*89.0 %*		*65-135*	"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.44**	0.28	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**5.9**	0.055	"	"	"	"	"	"	
Barium	**100**	0.28	"	"	"	"	"	"	
Beryllium	**0.33**	0.28	"	"	"	"	"	"	
Cadmium	ND	0.28	"	"	"	"	"	"	
Chromium	**39**	0.28	"	"	"	"	"	"	
Cobalt	**13**	0.28	"	"	"	"	"	"	
Copper	**20**	0.28	"	"	"	"	"	"	
Lead	**44**	0.28	"	"	"	"	"	"	
Molybdenum	**0.91**	0.28	"	"	"	"	"	"	
Nickel	**72**	0.28	"	"	"	"	"	"	
Selenium	ND	0.55	"	"	"	"	"	"	
Silver	ND	0.28	"	"	"	"	"	"	
Thallium	ND	0.28	"	"	"	"	"	"	
Vanadium	**45**	0.28	"	"	"	"	"	"	
Zinc	**74**	0.28	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.44**	0.11	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S32-1.0

T251615-63 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.055	mg/kg dry wt. dry	10	25D0154	04/14/25	04/15/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.055	"	"	"	"	"	"	R-07
beta-BHC	ND	0.055	"	"	"	"	"	"	R-07
delta-BHC	ND	0.055	"	"	"	"	"	"	R-07
Heptachlor	ND	0.055	"	"	"	"	"	"	R-07
Aldrin	ND	0.055	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.055	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.055	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.055	"	"	"	"	"	"	R-07
Dieldrin	ND	0.055	"	"	"	"	"	"	R-07
Endrin	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.055	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.055	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.055	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.055	"	"	"	"	"	"	R-07
Toxaphene	ND	0.22	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*40.4 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*26.5 %*	*35-140*		"	"	"	"	*R-07, S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.11	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Aroclor-1221	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1232	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1242	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1248	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1254	ND	0.11	"	"	"	"	"	"	R-07

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

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T251615-63 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.11	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Surrogate: Tetrachloro-meta-xylene		*40.5 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*21.6 %*	*35-140*		"	"	"	"	*R-07, S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0028	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0028	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0028	"	"	"	"	"	"	
Bromoform	ND	0.0028	"	"	"	"	"	"	
Bromomethane	ND	0.0028	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0028	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0028	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0028	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0028	"	"	"	"	"	"	
Chlorobenzene	ND	0.0028	"	"	"	"	"	"	
Chloroethane	ND	0.0028	"	"	"	"	"	"	
Chloroform	ND	0.0028	"	"	"	"	"	"	
Chloromethane	ND	0.0028	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0028	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0028	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0028	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0055	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0028	"	"	"	"	"	"	
Dibromomethane	ND	0.0028	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0028	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0028	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0028	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0028	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0028	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0028	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0028	"	"	"	"	"	"	

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0028	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0028	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0028	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0028	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0028	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0028	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0028	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0028	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0028	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0028	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0028	"	"	"	"	"	"	
Methylene chloride	ND	0.011	"	"	"	"	"	"	
Naphthalene	ND	0.0028	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0028	"	"	"	"	"	"	
Styrene	ND	0.0028	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0028	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0028	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0028	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0028	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0028	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0028	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0028	"	"	"	"	"	"	
Trichloroethene	ND	0.0028	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0028	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0028	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0028	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0028	"	"	"	"	"	"	
Vinyl chloride	ND	0.0028	"	"	"	"	"	"	
Benzene	ND	0.0028	"	"	"	"	"	"	
Toluene	ND	0.0028	"	"	"	"	"	"	
Ethylbenzene	ND	0.0028	"	"	"	"	"	"	

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T251615-63 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0055	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0028	"	"	"	"	"	"	
Acetone	**0.040**	0.0055	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0055	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0055	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0055	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.6 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*80.9 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									**R-07**
Acenaphthene	ND	3.3	mg/kg dry wt. dry	10	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	3.3	"	"	"	"	"	"	
Aniline	ND	3.3	"	"	"	"	"	"	
Anthracene	ND	3.3	"	"	"	"	"	"	
Azobenzene	ND	3.3	"	"	"	"	"	"	
Benzo (a) anthracene	ND	3.3	"	"	"	"	"	"	
Benzo (a) pyrene	ND	3.3	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	3.3	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	11	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	3.3	"	"	"	"	"	"	
Benzyl alcohol	ND	3.3	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	3.3	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	3.3	"	"	"	"	"	"	
Carbazole	ND	3.3	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	"	"	"	"	"	"	
4-Chloroaniline	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	3.3	"	"	"	"	"	"	
2-Chloronaphthalene	ND	3.3	"	"	"	"	"	"	

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T251615-63 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	11	mg/kg dry wt. dry	10	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	3.3	"	"	"	"	"	"	
Chrysene	ND	3.3	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	3.3	"	"	"	"	"	"	
Dibenzofuran	ND	3.3	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	3.3	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	11	"	"	"	"	"	"	
Diethyl phthalate	ND	3.3	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	11	"	"	"	"	"	"	
Dimethyl phthalate	ND	3.3	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	11	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	11	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	3.3	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	11	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	3.3	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	3.3	"	"	"	"	"	"	
Fluoranthene	ND	3.3	"	"	"	"	"	"	
Fluorene	ND	3.3	"	"	"	"	"	"	
Hexachlorobenzene	ND	17	"	"	"	"	"	"	
Hexachlorobutadiene	ND	3.3	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	11	"	"	"	"	"	"	
Hexachloroethane	ND	3.3	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	3.3	"	"	"	"	"	"	
Isophorone	ND	3.3	"	"	"	"	"	"	
1-Methylnaphthalene	ND	3.3	"	"	"	"	"	"	
2-Methylnaphthalene	ND	3.3	"	"	"	"	"	"	
4-Methylphenol	ND	11	"	"	"	"	"	"	
2-Methylphenol	ND	11	"	"	"	"	"	"	

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T251615-63 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	3.3	mg/kg dry wt. dry	10	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	3.3	"	"	"	"	"	"	
3-Nitroaniline	ND	3.3	"	"	"	"	"	"	
2-Nitroaniline	ND	3.3	"	"	"	"	"	"	
Nitrobenzene	ND	11	"	"	"	"	"	"	
2-Nitrophenol	ND	11	"	"	"	"	"	"	
4-Nitrophenol	ND	11	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	3.3	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	3.3	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	3.3	"	"	"	"	"	"	
Pentachlorophenol	ND	11	"	"	"	"	"	"	
Phenanthrene	ND	3.3	"	"	"	"	"	"	
Phenol	ND	11	"	"	"	"	"	"	
Pyrene	ND	3.3	"	"	"	"	"	"	
Pyridine	ND	3.3	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	3.3	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	3.3	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	3.3	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	11	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	11	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*58.7 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*72.7 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*64.3 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*74.6 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*98.6 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*94.8 %*	*18.1-105*		"	"	"	"	

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S32-1.0

T251615-63 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.22	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**90.5**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S32-2.5

T251615-64 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	**110**	12	"	"	"	"	"	"	D-06
Surrogate: p-Terphenyl		*91.8 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.49**	0.31	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**12**	0.061	"	"	"	"	"	"	
Barium	**76**	0.31	"	"	"	"	"	"	
Beryllium	ND	0.31	"	"	"	"	"	"	
Cadmium	**0.35**	0.31	"	"	"	"	"	"	
Chromium	**6.3**	0.31	"	"	"	"	"	"	
Cobalt	**10**	0.31	"	"	"	"	"	"	
Copper	**22**	0.31	"	"	"	"	"	"	
Lead	**17**	0.31	"	"	"	"	"	"	
Molybdenum	**0.88**	0.31	"	"	"	"	"	"	
Nickel	**9.4**	0.31	"	"	"	"	"	"	
Selenium	ND	0.61	"	"	"	"	"	"	
Silver	ND	0.31	"	"	"	"	"	"	
Thallium	**0.38**	0.31	"	"	"	"	"	"	
Vanadium	**40**	0.31	"	"	"	"	"	"	
Zinc	**120**	0.31	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.47**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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S32-2.5

T251615-64 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0061	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0061	"	"	"	"	"	"	
beta-BHC	ND	0.0061	"	"	"	"	"	"	
delta-BHC	ND	0.0061	"	"	"	"	"	"	
Heptachlor	ND	0.0061	"	"	"	"	"	"	
Aldrin	ND	0.0061	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0061	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0061	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0061	"	"	"	"	"	"	
Endosulfan I	ND	0.0061	"	"	"	"	"	"	
4,4´-DDE	ND	0.0061	"	"	"	"	"	"	
Dieldrin	ND	0.0061	"	"	"	"	"	"	
Endrin	ND	0.0061	"	"	"	"	"	"	
4,4´-DDD	ND	0.0061	"	"	"	"	"	"	
Endosulfan II	ND	0.0061	"	"	"	"	"	"	
4,4´-DDT	ND	0.0061	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0061	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0061	"	"	"	"	"	"	
Methoxychlor	ND	0.0061	"	"	"	"	"	"	
Endrin ketone	ND	0.0061	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*37.2 %*	*35-140*		*"*	*"*	*"*	*"*	
Surrogate: Decachlorobiphenyl		*10.4 %*	*35-140*		*"*	*"*	*"*	*"*	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S32-2.5

T251615-64 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*29.5 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*7.38 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0031	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0031	"	"	"	"	"	"	
Bromoform	ND	0.0031	"	"	"	"	"	"	
Bromomethane	ND	0.0031	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0031	"	"	"	"	"	"	
Chlorobenzene	ND	0.0031	"	"	"	"	"	"	
Chloroethane	ND	0.0031	"	"	"	"	"	"	
Chloroform	ND	0.0031	"	"	"	"	"	"	
Chloromethane	ND	0.0031	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0061	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0031	"	"	"	"	"	"	
Dibromomethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0031	"	"	"	"	"	"	

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T251615-64 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0031	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0031	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0031	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0031	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0031	"	"	"	"	"	"	
Styrene	ND	0.0031	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
Trichloroethene	ND	0.0031	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
Vinyl chloride	ND	0.0031	"	"	"	"	"	"	
Benzene	ND	0.0031	"	"	"	"	"	"	
Toluene	ND	0.0031	"	"	"	"	"	"	
Ethylbenzene	ND	0.0031	"	"	"	"	"	"	

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T251615-64 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0061	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0031	"	"	"	"	"	"	
Acetone	ND	0.0061	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0061	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0061	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0061	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.3 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*83.0 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.37	"	"	"	"	"	"	
Aniline	ND	0.37	"	"	"	"	"	"	
Anthracene	ND	0.37	"	"	"	"	"	"	
Azobenzene	ND	0.37	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.37	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.37	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzyl alcohol	ND	0.37	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.37	"	"	"	"	"	"	
Carbazole	ND	0.37	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.37	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.37	"	"	"	"	"	"	

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T251615-64 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Chrysene	ND	0.37	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.37	"	"	"	"	"	"	
Dibenzofuran	ND	0.37	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.37	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.37	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.37	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.37	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.37	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.37	"	"	"	"	"	"	
Fluoranthene	ND	0.37	"	"	"	"	"	"	
Fluorene	ND	0.37	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.37	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.37	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.37	"	"	"	"	"	"	
Isophorone	ND	0.37	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-64 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.37	"	"	"	"	"	"	
3-Nitroaniline	ND	0.37	"	"	"	"	"	"	
2-Nitroaniline	ND	0.37	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.37	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.37	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.37	"	"	"	"	"	"	
Pyridine	ND	0.37	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*50.0 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*54.8 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*58.0 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*64.1 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*91.8 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*85.9 %*	*18.1-105*		"	"	"	"	

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S32-2.5

T251615-64 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**81.8**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S36-1.0

T251615-71 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**18**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

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S36-2.5

T251615-72 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**14**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

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S37-1.0

T251615-73 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**80**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

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S37-2.5

T251615-74 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Lead	**13**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S38-1.0

T251615-75 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**26**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S38-2.5

T251615-76 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**21**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S39-1.0

T251615-77 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	11	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	11	"	"	"	"	"	"	
C29-C40 (MORO)	**160**	11	"	"	"	"	"	"	D-06
Surrogate: p-Terphenyl		*88.5 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Lead	**15**	0.27	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.42**	0.11	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.055	mg/kg dry wt. dry	10	25D0154	04/14/25	04/15/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.055	"	"	"	"	"	"	R-07
beta-BHC	ND	0.055	"	"	"	"	"	"	R-07
delta-BHC	ND	0.055	"	"	"	"	"	"	R-07
Heptachlor	ND	0.055	"	"	"	"	"	"	R-07
Aldrin	ND	0.055	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.055	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.055	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.055	"	"	"	"	"	"	R-07
Dieldrin	ND	0.055	"	"	"	"	"	"	R-07
Endrin	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.055	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.055	"	"	"	"	"	"	R-07

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S39-1.0

T251615-77 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
Methoxychlor	ND	0.055	mg/kg dry wt. dry	10	25D0154	04/14/25	04/15/25	EPA 8081A	R-07
Endrin ketone	ND	0.055	"	"	"	"	"	"	R-07
Toxaphene	ND	0.22	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*61.9 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*27.2 %*	*35-140*		"	"	"	"	*R-07, S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.11	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Aroclor-1221	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1232	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1242	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1248	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1254	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1260	ND	0.11	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*51.7 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*16.9 %*	*35-140*		"	"	"	"	*R-07, S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0027	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0027	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0027	"	"	"	"	"	"	
Bromoform	ND	0.0027	"	"	"	"	"	"	
Bromomethane	ND	0.0027	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0027	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0027	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0027	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0027	"	"	"	"	"	"	
Chlorobenzene	ND	0.0027	"	"	"	"	"	"	
Chloroethane	ND	0.0027	"	"	"	"	"	"	
Chloroform	ND	0.0027	"	"	"	"	"	"	

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T251615-77 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloromethane	ND	0.0027	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
2-Chlorotoluene	ND	0.0027	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0027	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0027	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0055	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0027	"	"	"	"	"	"	
Dibromomethane	ND	0.0027	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0027	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0027	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0027	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0027	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0027	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0027	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0027	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0027	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0027	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0027	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0027	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0027	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0027	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0027	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0027	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0027	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0027	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0027	"	"	"	"	"	"	
Methylene chloride	ND	0.011	"	"	"	"	"	"	
Naphthalene	ND	0.0027	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0027	"	"	"	"	"	"	
Styrene	ND	0.0027	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0027	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0027	"	"	"	"	"	"	

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T251615-77 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
Tetrachloroethene	ND	0.0027	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
1,2,3-Trichlorobenzene	ND	0.0027	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0027	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0027	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0027	"	"	"	"	"	"	
Trichloroethene	ND	0.0027	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0027	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0027	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0027	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0027	"	"	"	"	"	"	
Vinyl chloride	ND	0.0027	"	"	"	"	"	"	
Benzene	ND	0.0027	"	"	"	"	"	"	
Toluene	ND	0.0027	"	"	"	"	"	"	
Ethylbenzene	ND	0.0027	"	"	"	"	"	"	
m,p-Xylene	ND	0.0055	"	"	"	"	"	"	
o-Xylene	ND	0.0027	"	"	"	"	"	"	
Acetone	ND	0.0055	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0055	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0055	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0055	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.8 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*79.9 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									**R-07**
Acenaphthene	ND	3.3	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	3.3	"	"	"	"	"	"	
Aniline	ND	3.3	"	"	"	"	"	"	
Anthracene	ND	3.3	"	"	"	"	"	"	
Azobenzene	ND	3.3	"	"	"	"	"	"	
Benzo (a) anthracene	ND	3.3	"	"	"	"	"	"	

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S39-1.0

T251615-77 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzo (a) pyrene	ND	3.3	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
Benzo (b) fluoranthene	ND	3.3	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	11	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	3.3	"	"	"	"	"	"	
Benzyl alcohol	ND	3.3	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	3.3	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	3.3	"	"	"	"	"	"	
Carbazole	ND	3.3	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	"	"	"	"	"	"	
4-Chloroaniline	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	3.3	"	"	"	"	"	"	
2-Chloronaphthalene	ND	3.3	"	"	"	"	"	"	
2-Chlorophenol	ND	11	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	3.3	"	"	"	"	"	"	
Chrysene	ND	3.3	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	3.3	"	"	"	"	"	"	
Dibenzofuran	ND	3.3	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	3.3	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	11	"	"	"	"	"	"	
Diethyl phthalate	ND	3.3	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	11	"	"	"	"	"	"	
Dimethyl phthalate	ND	3.3	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	11	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	11	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	3.3	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	11	"	"	"	"	"	"	

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S39-1.0

T251615-77 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Di-n-octyl phthalate	ND	3.3	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	3.3	"	"	"	"	"	"	
Fluoranthene	ND	3.3	"	"	"	"	"	"	
Fluorene	ND	3.3	"	"	"	"	"	"	
Hexachlorobenzene	ND	16	"	"	"	"	"	"	
Hexachlorobutadiene	ND	3.3	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	11	"	"	"	"	"	"	
Hexachloroethane	ND	3.3	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	3.3	"	"	"	"	"	"	
Isophorone	ND	3.3	"	"	"	"	"	"	
1-Methylnaphthalene	ND	3.3	"	"	"	"	"	"	
2-Methylnaphthalene	ND	3.3	"	"	"	"	"	"	
4-Methylphenol	ND	11	"	"	"	"	"	"	
2-Methylphenol	ND	11	"	"	"	"	"	"	
Naphthalene	ND	3.3	"	"	"	"	"	"	
4-Nitroaniline	ND	3.3	"	"	"	"	"	"	
3-Nitroaniline	ND	3.3	"	"	"	"	"	"	
2-Nitroaniline	ND	3.3	"	"	"	"	"	"	
Nitrobenzene	ND	11	"	"	"	"	"	"	
2-Nitrophenol	ND	11	"	"	"	"	"	"	
4-Nitrophenol	ND	11	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	3.3	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	3.3	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	3.3	"	"	"	"	"	"	
Pentachlorophenol	ND	11	"	"	"	"	"	"	
Phenanthrene	ND	3.3	"	"	"	"	"	"	
Phenol	ND	11	"	"	"	"	"	"	
Pyrene	ND	3.3	"	"	"	"	"	"	
Pyridine	ND	3.3	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	3.3	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	3.3	"	"	"	"	"	"	

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S39-1.0

T251615-77 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Semivolatile Organic Compounds by EPA Method 8270C									**R-07**
1,2,4-Trichlorobenzene	ND	3.3	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
2,4,6-Trichlorophenol	ND	11	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	11	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*74.3 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*71.4 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*71.9 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*76.6 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*106 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*89.3 %*	*18.1-105*		"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.22	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**91.7**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S39-2.5

T251615-78 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*87.9 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.43**	0.31	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**5.3**	0.062	"	"	"	"	"	"	
Barium	**360**	0.31	"	"	"	"	"	"	
Beryllium	**0.62**	0.31	"	"	"	"	"	"	
Cadmium	**0.32**	0.31	"	"	"	"	"	"	
Chromium	**37**	0.31	"	"	"	"	"	"	
Cobalt	**13**	0.31	"	"	"	"	"	"	
Copper	**36**	0.31	"	"	"	"	"	"	
Lead	**69**	0.31	"	"	"	"	"	"	
Molybdenum	**0.46**	0.31	"	"	"	"	"	"	
Nickel	**57**	0.31	"	"	"	"	"	"	
Selenium	ND	0.62	"	"	"	"	"	"	
Silver	ND	0.31	"	"	"	"	"	"	
Thallium	ND	0.31	"	"	"	"	"	"	
Vanadium	**56**	0.31	"	"	"	"	"	"	
Zinc	**99**	0.31	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S39-2.5

T251615-78 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0062	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0062	"	"	"	"	"	"	
beta-BHC	ND	0.0062	"	"	"	"	"	"	
delta-BHC	ND	0.0062	"	"	"	"	"	"	
Heptachlor	ND	0.0062	"	"	"	"	"	"	
Aldrin	ND	0.0062	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0062	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0062	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0062	"	"	"	"	"	"	
Endosulfan I	ND	0.0062	"	"	"	"	"	"	
4,4´-DDE	ND	0.0062	"	"	"	"	"	"	
Dieldrin	ND	0.0062	"	"	"	"	"	"	
Endrin	ND	0.0062	"	"	"	"	"	"	
4,4´-DDD	ND	0.0062	"	"	"	"	"	"	
Endosulfan II	ND	0.0062	"	"	"	"	"	"	
4,4´-DDT	ND	0.0062	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0062	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0062	"	"	"	"	"	"	
Methoxychlor	ND	0.0062	"	"	"	"	"	"	
Endrin ketone	ND	0.0062	"	"	"	"	"	"	
Toxaphene	ND	0.025	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*45.6 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*10.7 %*		*35-140*	"	"	"	"	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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S39-2.5

T251615-78 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*33.1 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*12.9 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0031	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0031	"	"	"	"	"	"	
Bromoform	ND	0.0031	"	"	"	"	"	"	
Bromomethane	ND	0.0031	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0031	"	"	"	"	"	"	
Chlorobenzene	ND	0.0031	"	"	"	"	"	"	
Chloroethane	ND	0.0031	"	"	"	"	"	"	
Chloroform	ND	0.0031	"	"	"	"	"	"	
Chloromethane	ND	0.0031	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0062	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0031	"	"	"	"	"	"	
Dibromomethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0031	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S39-2.5

T251615-78 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0031	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0031	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0031	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0031	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0031	"	"	"	"	"	"	
Styrene	ND	0.0031	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
Trichloroethene	ND	0.0031	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
Vinyl chloride	ND	0.0031	"	"	"	"	"	"	
Benzene	ND	0.0031	"	"	"	"	"	"	
Toluene	ND	0.0031	"	"	"	"	"	"	
Ethylbenzene	ND	0.0031	"	"	"	"	"	"	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S39-2.5

T251615-78 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0062	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0031	"	"	"	"	"	"	
Acetone	**0.024**	0.0062	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0062	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0062	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0062	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.0 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.6 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.37	"	"	"	"	"	"	
Aniline	ND	0.37	"	"	"	"	"	"	
Anthracene	ND	0.37	"	"	"	"	"	"	
Azobenzene	ND	0.37	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.37	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.37	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzyl alcohol	ND	0.37	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.37	"	"	"	"	"	"	
Carbazole	ND	0.37	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.37	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.37	"	"	"	"	"	"	

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S39-2.5

T251615-78 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Chrysene	ND	0.37	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.37	"	"	"	"	"	"	
Dibenzofuran	ND	0.37	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.37	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.37	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.37	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.37	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.37	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.37	"	"	"	"	"	"	
Fluoranthene	ND	0.37	"	"	"	"	"	"	
Fluorene	ND	0.37	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.9	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.37	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.37	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.37	"	"	"	"	"	"	
Isophorone	ND	0.37	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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S39-2.5

T251615-78 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.37	"	"	"	"	"	"	
3-Nitroaniline	ND	0.37	"	"	"	"	"	"	
2-Nitroaniline	ND	0.37	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.37	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.37	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.37	"	"	"	"	"	"	
Pyridine	ND	0.37	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*52.7 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*56.1 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*59.8 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*59.2 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*94.3 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*84.8 %*	*18.1-105*		"	"	"	"	

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S39-2.5

T251615-78 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.25	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**81.1**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S40-1.0

T251615-79 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	**130**	12	"	"	"	"	"	"	D-06
Surrogate: p-Terphenyl		*88.7 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.44**	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**12**	0.058	"	"	"	"	"	"	
Barium	**140**	0.29	"	"	"	"	"	"	
Beryllium	**0.32**	0.29	"	"	"	"	"	"	
Cadmium	**0.59**	0.29	"	"	"	"	"	"	
Chromium	**15**	0.29	"	"	"	"	"	"	
Cobalt	**15**	0.29	"	"	"	"	"	"	
Copper	**24**	0.29	"	"	"	"	"	"	
Lead	**49**	0.29	"	"	"	"	"	"	
Molybdenum	**0.75**	0.29	"	"	"	"	"	"	
Nickel	**25**	0.29	"	"	"	"	"	"	
Selenium	ND	0.58	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**56**	0.29	"	"	"	"	"	"	
Zinc	**180**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.37**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S40-1.0

T251615-79 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.058	mg/kg dry wt. dry	10	25D0154	04/14/25	04/15/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.058	"	"	"	"	"	"	R-07
beta-BHC	ND	0.058	"	"	"	"	"	"	R-07
delta-BHC	ND	0.058	"	"	"	"	"	"	R-07
Heptachlor	ND	0.058	"	"	"	"	"	"	R-07
Aldrin	ND	0.058	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.058	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.058	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.058	"	"	"	"	"	"	R-07
Dieldrin	ND	0.058	"	"	"	"	"	"	R-07
Endrin	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.058	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.058	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.058	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.058	"	"	"	"	"	"	R-07
Toxaphene	ND	0.23	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*64.4 %*		*35-140*	"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*30.3 %*		*35-140*	"	"	"	"	*R-07, S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.12	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Aroclor-1221	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1232	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1242	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1248	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1254	ND	0.12	"	"	"	"	"	"	R-07

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T251615-79 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.12	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Surrogate: Tetrachloro-meta-xylene	*48.3 %*	*35-140*			"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl	*18.7 %*	*35-140*			"	"	"	"	*R-07, S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0058	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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T251615-79 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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T251615-79 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0058	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	ND	0.0058	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0058	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0058	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0058	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.8 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.8 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									**R-07**
Acenaphthene	ND	3.5	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	3.5	"	"	"	"	"	"	
Aniline	ND	3.5	"	"	"	"	"	"	
Anthracene	ND	3.5	"	"	"	"	"	"	
Azobenzene	ND	3.5	"	"	"	"	"	"	
Benzo (a) anthracene	ND	3.5	"	"	"	"	"	"	
Benzo (a) pyrene	ND	3.5	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	3.5	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	12	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	3.5	"	"	"	"	"	"	
Benzyl alcohol	ND	3.5	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	3.5	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	3.5	"	"	"	"	"	"	
Carbazole	ND	3.5	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	12	"	"	"	"	"	"	
4-Chloroaniline	ND	3.5	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	3.5	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	3.5	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	3.5	"	"	"	"	"	"	
2-Chloronaphthalene	ND	3.5	"	"	"	"	"	"	

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T251615-79 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	12	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	3.5	"	"	"	"	"	"	
Chrysene	ND	3.5	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	3.5	"	"	"	"	"	"	
Dibenzofuran	ND	3.5	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	3.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	3.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	3.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	3.5	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	12	"	"	"	"	"	"	
Diethyl phthalate	ND	3.5	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	12	"	"	"	"	"	"	
Dimethyl phthalate	ND	3.5	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	12	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	12	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	3.5	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	12	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	3.5	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	3.5	"	"	"	"	"	"	
Fluoranthene	ND	3.5	"	"	"	"	"	"	
Fluorene	ND	3.5	"	"	"	"	"	"	
Hexachlorobenzene	ND	17	"	"	"	"	"	"	
Hexachlorobutadiene	ND	3.5	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	12	"	"	"	"	"	"	
Hexachloroethane	ND	3.5	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	3.5	"	"	"	"	"	"	
Isophorone	ND	3.5	"	"	"	"	"	"	
1-Methylnaphthalene	ND	3.5	"	"	"	"	"	"	
2-Methylnaphthalene	ND	3.5	"	"	"	"	"	"	
4-Methylphenol	ND	12	"	"	"	"	"	"	
2-Methylphenol	ND	12	"	"	"	"	"	"	

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T251615-79 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Semivolatile Organic Compounds by EPA Method 8270C									**R-07**
Naphthalene	ND	3.5	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	3.5	"	"	"	"	"	"	
3-Nitroaniline	ND	3.5	"	"	"	"	"	"	
2-Nitroaniline	ND	3.5	"	"	"	"	"	"	
Nitrobenzene	ND	12	"	"	"	"	"	"	
2-Nitrophenol	ND	12	"	"	"	"	"	"	
4-Nitrophenol	ND	12	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	3.5	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	3.5	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	3.5	"	"	"	"	"	"	
Pentachlorophenol	ND	12	"	"	"	"	"	"	
Phenanthrene	ND	3.5	"	"	"	"	"	"	
Phenol	ND	12	"	"	"	"	"	"	
Pyrene	ND	3.5	"	"	"	"	"	"	
Pyridine	ND	3.5	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	3.5	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	3.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	3.5	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	12	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	12	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*63.9 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*61.1 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*64.0 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*63.2 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*93.4 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*80.6 %*	*18.1-105*		"	"	"	"	

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T251615-79 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	**0.42**	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**86.5**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S40-2.5

T251615-80 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*92.4 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**5.4**	0.059	"	"	"	"	"	"	
Barium	**270**	0.29	"	"	"	"	"	"	
Beryllium	**0.66**	0.29	"	"	"	"	"	"	
Cadmium	ND	0.29	"	"	"	"	"	"	
Chromium	**70**	0.29	"	"	"	"	"	"	
Cobalt	**17**	0.29	"	"	"	"	"	"	
Copper	**32**	0.29	"	"	"	"	"	"	
Lead	**10**	0.29	"	"	"	"	"	"	
Molybdenum	**0.53**	0.29	"	"	"	"	"	"	
Nickel	**130**	0.29	"	"	"	"	"	"	
Selenium	ND	0.59	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**60**	0.29	"	"	"	"	"	"	
Zinc	**47**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.46**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S40-2.5

T251615-80 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0059	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0059	"	"	"	"	"	"	
beta-BHC	ND	0.0059	"	"	"	"	"	"	
delta-BHC	ND	0.0059	"	"	"	"	"	"	
Heptachlor	ND	0.0059	"	"	"	"	"	"	
Aldrin	ND	0.0059	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0059	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0059	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0059	"	"	"	"	"	"	
Endosulfan I	ND	0.0059	"	"	"	"	"	"	
4,4´-DDE	ND	0.0059	"	"	"	"	"	"	
Dieldrin	ND	0.0059	"	"	"	"	"	"	
Endrin	ND	0.0059	"	"	"	"	"	"	
4,4´-DDD	ND	0.0059	"	"	"	"	"	"	
Endosulfan II	ND	0.0059	"	"	"	"	"	"	
4,4´-DDT	ND	0.0059	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0059	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0059	"	"	"	"	"	"	
Methoxychlor	ND	0.0059	"	"	"	"	"	"	
Endrin ketone	ND	0.0059	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*48.4 %*	*35-140*		*"*	*"*	*"*	*"*	
Surrogate: Decachlorobiphenyl		*14.5 %*	*35-140*		*"*	*"*	*"*	*"*	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S40-2.5

T251615-80 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*38.7 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*14.0 %*	*35-140*		"	"	"	"	*S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0059	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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T251615-80 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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S40-2.5

T251615-80 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0059	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	**0.028**	0.0059	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0059	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0059	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0059	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.5 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.3 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.35	"	"	"	"	"	"	
Aniline	ND	0.35	"	"	"	"	"	"	
Anthracene	ND	0.35	"	"	"	"	"	"	
Azobenzene	ND	0.35	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.35	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.35	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzyl alcohol	ND	0.35	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.35	"	"	"	"	"	"	
Carbazole	ND	0.35	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.35	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.35	"	"	"	"	"	"	

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T251615-80 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Chrysene	ND	0.35	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.35	"	"	"	"	"	"	
Dibenzofuran	ND	0.35	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.35	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.35	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.35	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.35	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.35	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.35	"	"	"	"	"	"	
Fluoranthene	ND	0.35	"	"	"	"	"	"	
Fluorene	ND	0.35	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.35	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.35	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.35	"	"	"	"	"	"	
Isophorone	ND	0.35	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-80 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.35	"	"	"	"	"	"	
3-Nitroaniline	ND	0.35	"	"	"	"	"	"	
2-Nitroaniline	ND	0.35	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.35	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.35	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.35	"	"	"	"	"	"	
Pyridine	ND	0.35	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*57.1 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*59.6 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*61.2 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*64.8 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*93.6 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*86.8 %*	*18.1-105*		"	"	"	"	

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S40-2.5

T251615-80 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**85.5**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S42-1.0

T251615-81 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	**150**	12	"	"	"	"	"	"	D-06
Surrogate: p-Terphenyl		*89.2 %*		*65-135*	"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.30	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**4.7**	0.060	"	"	"	"	"	"	
Barium	**78**	0.30	"	"	"	"	"	"	
Beryllium	ND	0.30	"	"	"	"	"	"	
Cadmium	ND	0.30	"	"	"	"	"	"	
Chromium	**52**	0.30	"	"	"	"	"	"	
Cobalt	**15**	0.30	"	"	"	"	"	"	
Copper	**42**	0.30	"	"	"	"	"	"	
Lead	**3.5**	0.30	"	"	"	"	"	"	
Molybdenum	**0.35**	0.30	"	"	"	"	"	"	
Nickel	**48**	0.30	"	"	"	"	"	"	
Selenium	ND	0.60	"	"	"	"	"	"	
Silver	ND	0.30	"	"	"	"	"	"	
Thallium	ND	0.30	"	"	"	"	"	"	
Vanadium	**160**	0.30	"	"	"	"	"	"	
Zinc	**43**	0.30	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.59**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S42-1.0

T251615-81 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.060	mg/kg dry wt. dry	10	25D0154	04/14/25	04/15/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.060	"	"	"	"	"	"	R-07
beta-BHC	ND	0.060	"	"	"	"	"	"	R-07
delta-BHC	ND	0.060	"	"	"	"	"	"	R-07
Heptachlor	ND	0.060	"	"	"	"	"	"	R-07
Aldrin	ND	0.060	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.060	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.060	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.060	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.060	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.060	"	"	"	"	"	"	R-07
Dieldrin	ND	0.060	"	"	"	"	"	"	R-07
Endrin	ND	0.060	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.060	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.060	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.060	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.060	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.060	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.060	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.060	"	"	"	"	"	"	R-07
Toxaphene	ND	0.24	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*69.0 %*	*35-140*		*"*	*"*	*"*	*"*	*R-07*
Surrogate: Decachlorobiphenyl		*38.3 %*	*35-140*		*"*	*"*	*"*	*"*	*R-07*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.12	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Aroclor-1221	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1232	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1242	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1248	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1254	ND	0.12	"	"	"	"	"	"	R-07

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T251615-81 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.12	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Surrogate: Tetrachloro-meta-xylene		*51.4 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*20.5 %*	*35-140*		"	"	"	"	*R-07, S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0030	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0030	"	"	"	"	"	"	
Bromoform	ND	0.0030	"	"	"	"	"	"	
Bromomethane	ND	0.0030	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0030	"	"	"	"	"	"	
Chlorobenzene	ND	0.0030	"	"	"	"	"	"	
Chloroethane	ND	0.0030	"	"	"	"	"	"	
Chloroform	ND	0.0030	"	"	"	"	"	"	
Chloromethane	ND	0.0030	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0060	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0030	"	"	"	"	"	"	
Dibromomethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0030	"	"	"	"	"	"	

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T251615-81 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0030	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0030	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0030	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0030	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0030	"	"	"	"	"	"	
Styrene	ND	0.0030	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
Trichloroethene	ND	0.0030	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
Vinyl chloride	ND	0.0030	"	"	"	"	"	"	
Benzene	ND	0.0030	"	"	"	"	"	"	
Toluene	ND	0.0030	"	"	"	"	"	"	
Ethylbenzene	ND	0.0030	"	"	"	"	"	"	

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T251615-81 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0060	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0030	"	"	"	"	"	"	
Acetone	**0.015**	0.0060	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0060	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0060	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0060	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.8 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*80.0 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.36	"	"	"	"	"	"	
Aniline	ND	0.36	"	"	"	"	"	"	
Anthracene	ND	0.36	"	"	"	"	"	"	
Azobenzene	ND	0.36	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.36	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.36	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzyl alcohol	ND	0.36	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.36	"	"	"	"	"	"	
Carbazole	ND	0.36	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.36	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.36	"	"	"	"	"	"	

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T251615-81 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Chrysene	ND	0.36	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.36	"	"	"	"	"	"	
Dibenzofuran	ND	0.36	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.36	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.36	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.36	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.36	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.36	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.36	"	"	"	"	"	"	
Fluoranthene	ND	0.36	"	"	"	"	"	"	
Fluorene	ND	0.36	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.36	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.36	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.36	"	"	"	"	"	"	
Isophorone	ND	0.36	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-81 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.36	"	"	"	"	"	"	
3-Nitroaniline	ND	0.36	"	"	"	"	"	"	
2-Nitroaniline	ND	0.36	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.36	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.36	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.36	"	"	"	"	"	"	
Pyridine	ND	0.36	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*71.4 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*68.9 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*66.8 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*68.6 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*91.8 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*88.0 %*	*18.1-105*		"	"	"	"	

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T251615-81 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**83.1**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S42-2.5

T251615-82 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/11/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*88.1 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**3.7**	0.058	"	"	"	"	"	"	
Barium	**170**	0.29	"	"	"	"	"	"	
Beryllium	**0.43**	0.29	"	"	"	"	"	"	
Cadmium	ND	0.29	"	"	"	"	"	"	
Chromium	**45**	0.29	"	"	"	"	"	"	
Cobalt	**17**	0.29	"	"	"	"	"	"	
Copper	**32**	0.29	"	"	"	"	"	"	
Lead	**42**	0.29	"	"	"	"	"	"	
Molybdenum	ND	0.29	"	"	"	"	"	"	
Nickel	**85**	0.29	"	"	"	"	"	"	
Selenium	ND	0.58	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**79**	0.29	"	"	"	"	"	"	
Zinc	**95**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.29**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S42-2.5

T251615-82 (Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	0.0058	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0058	"	"	"	"	"	"	
beta-BHC	ND	0.0058	"	"	"	"	"	"	
delta-BHC	ND	0.0058	"	"	"	"	"	"	
Heptachlor	ND	0.0058	"	"	"	"	"	"	
Aldrin	ND	0.0058	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0058	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0058	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0058	"	"	"	"	"	"	
Endosulfan I	ND	0.0058	"	"	"	"	"	"	
4,4´-DDE	ND	0.0058	"	"	"	"	"	"	
Dieldrin	ND	0.0058	"	"	"	"	"	"	
Endrin	ND	0.0058	"	"	"	"	"	"	
4,4´-DDD	ND	0.0058	"	"	"	"	"	"	
Endosulfan II	ND	0.0058	"	"	"	"	"	"	
4,4´-DDT	ND	0.0058	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0058	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0058	"	"	"	"	"	"	
Methoxychlor	ND	0.0058	"	"	"	"	"	"	
Endrin ketone	ND	0.0058	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*36.9 %*	*35-140*		*"*	*"*	*"*	*"*	
Surrogate: Decachlorobiphenyl		*11.4 %*	*35-140*		*"*	*"*	*"*	*"*	*S-GC*

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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T251615-82 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*38.3 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*10.2 %*	*35-140*		"	"	"	"	*S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0058	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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T251615-82 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0058	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	**0.021**	0.0058	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0058	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0058	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0058	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.8 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*80.2 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.35	"	"	"	"	"	"	
Aniline	ND	0.35	"	"	"	"	"	"	
Anthracene	ND	0.35	"	"	"	"	"	"	
Azobenzene	ND	0.35	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.35	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.35	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzyl alcohol	ND	0.35	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.35	"	"	"	"	"	"	
Carbazole	ND	0.35	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.35	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.35	"	"	"	"	"	"	

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Chrysene	ND	0.35	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.35	"	"	"	"	"	"	
Dibenzofuran	ND	0.35	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.35	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.35	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.35	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.35	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.35	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.35	"	"	"	"	"	"	
Fluoranthene	ND	0.35	"	"	"	"	"	"	
Fluorene	ND	0.35	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.7	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.35	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.35	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.35	"	"	"	"	"	"	
Isophorone	ND	0.35	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-82 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.35	"	"	"	"	"	"	
3-Nitroaniline	ND	0.35	"	"	"	"	"	"	
2-Nitroaniline	ND	0.35	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.35	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.35	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.35	"	"	"	"	"	"	
Pyridine	ND	0.35	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*54.0 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*61.0 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*61.2 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*62.0 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*89.4 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*82.3 %*	*18.1-105*		"	"	"	"	

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S42-2.5

T251615-82 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**85.8**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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T251615-83 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	11	mg/kg dry wt. dry	1	25D0138	04/09/25	04/11/25	EPA 8015B	
C13-C28 (DRO)	ND	11	"	"	"	"	"	"	
C29-C40 (MORO)	ND	11	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*89.1 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**3.7**	0.057	"	"	"	"	"	"	
Barium	**200**	0.29	"	"	"	"	"	"	
Beryllium	**0.43**	0.29	"	"	"	"	"	"	
Cadmium	ND	0.29	"	"	"	"	"	"	
Chromium	**28**	0.29	"	"	"	"	"	"	
Cobalt	**12**	0.29	"	"	"	"	"	"	
Copper	**14**	0.29	"	"	"	"	"	"	
Lead	**8.3**	0.29	"	"	"	"	"	"	
Molybdenum	**0.31**	0.29	"	"	"	"	"	"	
Nickel	**36**	0.29	"	"	"	"	"	"	
Selenium	ND	0.57	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**31**	0.29	"	"	"	"	"	"	
Zinc	**29**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.11	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-83 (Soil)

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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	0.0057	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0057	"	"	"	"	"	"	
beta-BHC	ND	0.0057	"	"	"	"	"	"	
delta-BHC	ND	0.0057	"	"	"	"	"	"	
Heptachlor	ND	0.0057	"	"	"	"	"	"	
Aldrin	ND	0.0057	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0057	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0057	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0057	"	"	"	"	"	"	
Endosulfan I	ND	0.0057	"	"	"	"	"	"	
4,4´-DDE	ND	0.0057	"	"	"	"	"	"	
Dieldrin	ND	0.0057	"	"	"	"	"	"	
Endrin	ND	0.0057	"	"	"	"	"	"	
4,4´-DDD	ND	0.0057	"	"	"	"	"	"	
Endosulfan II	ND	0.0057	"	"	"	"	"	"	
4,4´-DDT	ND	0.0057	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0057	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0057	"	"	"	"	"	"	
Methoxychlor	ND	0.0057	"	"	"	"	"	"	
Endrin ketone	ND	0.0057	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*50.4 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*21.0 %*	*35-140*		"	"	"	"	*S-GC*

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aroclor-1016	ND	0.011	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.011	"	"	"	"	"	"	
Aroclor-1232	ND	0.011	"	"	"	"	"	"	
Aroclor-1242	ND	0.011	"	"	"	"	"	"	
Aroclor-1248	ND	0.011	"	"	"	"	"	"	
Aroclor-1254	ND	0.011	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S43-1.0

T251615-83 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.011	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*41.8 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*54.3 %*	*35-140*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0057	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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T251615-83 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.011	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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T251615-83 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0057	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	**0.011**	0.0057	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0057	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0057	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0057	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.1 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.2 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.34	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.34	"	"	"	"	"	"	
Aniline	ND	0.34	"	"	"	"	"	"	
Anthracene	ND	0.34	"	"	"	"	"	"	
Azobenzene	ND	0.34	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.34	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.34	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.34	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.1	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.34	"	"	"	"	"	"	
Benzyl alcohol	ND	0.34	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.34	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.34	"	"	"	"	"	"	
Carbazole	ND	0.34	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.1	"	"	"	"	"	"	
4-Chloroaniline	ND	0.34	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.34	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.34	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.34	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.34	"	"	"	"	"	"	

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T251615-83 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.1	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.34	"	"	"	"	"	"	
Chrysene	ND	0.34	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.34	"	"	"	"	"	"	
Dibenzofuran	ND	0.34	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.34	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.34	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.34	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.34	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.1	"	"	"	"	"	"	
Diethyl phthalate	ND	0.34	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.1	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.34	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.1	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.1	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.34	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.1	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.34	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.34	"	"	"	"	"	"	
Fluoranthene	ND	0.34	"	"	"	"	"	"	
Fluorene	ND	0.34	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.7	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.1	"	"	"	"	"	"	
Hexachloroethane	ND	0.34	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.34	"	"	"	"	"	"	
Isophorone	ND	0.34	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.34	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.34	"	"	"	"	"	"	
4-Methylphenol	ND	1.1	"	"	"	"	"	"	
2-Methylphenol	ND	1.1	"	"	"	"	"	"	

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S43-1.0

T251615-83 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.34	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.34	"	"	"	"	"	"	
3-Nitroaniline	ND	0.34	"	"	"	"	"	"	
2-Nitroaniline	ND	0.34	"	"	"	"	"	"	
Nitrobenzene	ND	1.1	"	"	"	"	"	"	
2-Nitrophenol	ND	1.1	"	"	"	"	"	"	
4-Nitrophenol	ND	1.1	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.34	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.34	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.34	"	"	"	"	"	"	
Pentachlorophenol	ND	1.1	"	"	"	"	"	"	
Phenanthrene	ND	0.34	"	"	"	"	"	"	
Phenol	ND	1.1	"	"	"	"	"	"	
Pyrene	ND	0.34	"	"	"	"	"	"	
Pyridine	ND	0.34	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.34	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.34	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.34	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.1	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.1	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*61.9 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*55.6 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*57.3 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*61.0 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*87.0 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*88.7 %*	*18.1-105*		"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S43-1.0

T251615-83 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**87.4**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S43-2.5

T251615-84 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/11/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*93.4 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.30	mg/kg dry wt. dry	1	25D0151	04/09/25	04/17/25	6020 ICP-MS	
Arsenic	**5.5**	0.061	"	"	"	"	"	"	
Barium	**270**	0.30	"	"	"	"	"	"	
Beryllium	**0.62**	0.30	"	"	"	"	"	"	
Cadmium	ND	0.30	"	"	"	"	"	"	
Chromium	**32**	0.30	"	"	"	"	"	"	
Cobalt	**12**	0.30	"	"	"	"	"	"	
Copper	**26**	0.30	"	"	"	"	"	"	
Lead	**11**	0.30	"	"	"	"	"	"	
Molybdenum	ND	0.30	"	"	"	"	"	"	
Nickel	**50**	0.30	"	"	"	"	"	"	
Selenium	ND	0.61	"	"	"	"	"	"	
Silver	ND	0.30	"	"	"	"	"	"	
Thallium	ND	0.30	"	"	"	"	"	"	
Vanadium	**45**	0.30	"	"	"	"	"	"	
Zinc	**40**	0.30	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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S43-2.5

T251615-84 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0061	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0061	"	"	"	"	"	"	
beta-BHC	ND	0.0061	"	"	"	"	"	"	
delta-BHC	ND	0.0061	"	"	"	"	"	"	
Heptachlor	ND	0.0061	"	"	"	"	"	"	
Aldrin	ND	0.0061	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0061	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0061	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0061	"	"	"	"	"	"	
Endosulfan I	ND	0.0061	"	"	"	"	"	"	
4,4´-DDE	ND	0.0061	"	"	"	"	"	"	
Dieldrin	ND	0.0061	"	"	"	"	"	"	
Endrin	ND	0.0061	"	"	"	"	"	"	
4,4´-DDD	ND	0.0061	"	"	"	"	"	"	
Endosulfan II	ND	0.0061	"	"	"	"	"	"	
4,4´-DDT	ND	0.0061	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0061	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0061	"	"	"	"	"	"	
Methoxychlor	ND	0.0061	"	"	"	"	"	"	
Endrin ketone	ND	0.0061	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*44.4 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*9.08 %*		*35-140*	"	"	"	"	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

S43-2.5

T251615-84 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*33.8 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*9.42 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0030	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0030	"	"	"	"	"	"	
Bromoform	ND	0.0030	"	"	"	"	"	"	
Bromomethane	ND	0.0030	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0030	"	"	"	"	"	"	
Chlorobenzene	ND	0.0030	"	"	"	"	"	"	
Chloroethane	ND	0.0030	"	"	"	"	"	"	
Chloroform	ND	0.0030	"	"	"	"	"	"	
Chloromethane	ND	0.0030	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0061	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0030	"	"	"	"	"	"	
Dibromomethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0030	"	"	"	"	"	"	

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T251615-84 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0030	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0030	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0030	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0030	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0030	"	"	"	"	"	"	
Styrene	ND	0.0030	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
Trichloroethene	ND	0.0030	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
Vinyl chloride	ND	0.0030	"	"	"	"	"	"	
Benzene	ND	0.0030	"	"	"	"	"	"	
Toluene	ND	0.0030	"	"	"	"	"	"	
Ethylbenzene	ND	0.0030	"	"	"	"	"	"	

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T251615-84 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0061	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0030	"	"	"	"	"	"	
Acetone	**0.033**	0.0061	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0061	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0061	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0061	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.1 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.7 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*108 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.36	"	"	"	"	"	"	
Aniline	ND	0.36	"	"	"	"	"	"	
Anthracene	ND	0.36	"	"	"	"	"	"	
Azobenzene	ND	0.36	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.36	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.36	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzyl alcohol	ND	0.36	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.36	"	"	"	"	"	"	
Carbazole	ND	0.36	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.36	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.36	"	"	"	"	"	"	

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T251615-84 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Chrysene	ND	0.36	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.36	"	"	"	"	"	"	
Dibenzofuran	ND	0.36	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.36	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.36	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.36	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.36	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.36	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.36	"	"	"	"	"	"	
Fluoranthene	ND	0.36	"	"	"	"	"	"	
Fluorene	ND	0.36	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.36	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.36	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.36	"	"	"	"	"	"	
Isophorone	ND	0.36	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-84 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.36	"	"	"	"	"	"	
3-Nitroaniline	ND	0.36	"	"	"	"	"	"	
2-Nitroaniline	ND	0.36	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.36	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.36	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.36	"	"	"	"	"	"	
Pyridine	ND	0.36	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*51.5 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*49.1 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*49.3 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*54.2 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*81.6 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*84.8 %*	*18.1-105*		"	"	"	"	

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S43-2.5

T251615-84 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**82.4**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S44-0.5

T251615-85 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.011	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.011	"	"	"	"	"	"	
Aroclor-1232	ND	0.011	"	"	"	"	"	"	
Aroclor-1242	ND	0.011	"	"	"	"	"	"	
Aroclor-1248	ND	0.011	"	"	"	"	"	"	
Aroclor-1254	ND	0.011	"	"	"	"	"	"	
Aroclor-1260	ND	0.011	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*52.3 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*13.6 %*	*35-140*		"	"	"	"	*S-GC*
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**88.4**		%	1	25D0159	04/09/25	04/11/25	% calculation	

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Extractable Petroleum Hydrocarbons by 8015B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0138 - EPA 3550B GC										
Blank (25D0138-BLK1)				Prepared: 04/09/25 Analyzed: 04/10/25						
C6-C12 (GRO)	ND	10	mg/kg dry wt. wet							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
Surrogate: p-Terphenyl	*87.4*		*"*	*100*		*87.4*	*65-135*			
LCS (25D0138-BS1)				Prepared: 04/09/25 Analyzed: 04/10/25						
C13-C28 (DRO)	470	10	mg/kg dry wt. wet	500		93.1	75-125			
Surrogate: p-Terphenyl	*93.3*		*"*	*100*		*93.3*	*65-135*			
Matrix Spike (25D0138-MS1)	**Source: T251614-01**			Prepared: 04/09/25 Analyzed: 04/10/25						
C13-C28 (DRO)	470	10	mg/kg dry wt. wet	500	ND	94.4	75-125			
Surrogate: p-Terphenyl	*88.5*		*"*	*100*		*88.5*	*65-135*			
Matrix Spike Dup (25D0138-MSD1)	**Source: T251614-01**			Prepared: 04/09/25 Analyzed: 04/10/25						
C13-C28 (DRO)	460	10	mg/kg dry wt. wet	500	ND	92.7	75-125	1.82	20	
Surrogate: p-Terphenyl	*82.9*		*"*	*100*		*82.9*	*65-135*			

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Metals by EPA 6020 Method - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0151 - EPA 3050B										
Blank (25D0151-BLK1)				Prepared: 04/09/25 Analyzed: 04/16/25						
Antimony	ND	0.25	mg/kg dry wt. wet							
Arsenic	ND	0.050	"							
Barium	ND	0.25	"							
Beryllium	ND	0.25	"							
Cadmium	ND	0.25	"							
Chromium	ND	0.25	"							
Cobalt	ND	0.25	"							
Copper	ND	0.25	"							
Lead	ND	0.25	"							
Mercury	ND	0.050	"							
Molybdenum	ND	0.25	"							
Nickel	ND	0.25	"							
Selenium	ND	0.50	"							
Silver	ND	0.25	"							
Thallium	ND	0.25	"							
Vanadium	0.270	0.25	"							QB-01
Zinc	ND	0.25	"							
LCS (25D0151-BS1)				Prepared: 04/09/25 Analyzed: 04/16/25						
Arsenic	24.6	0.050	mg/kg dry wt. wet	25.0		98.6	80-120			
Barium	23.7	0.25	"	25.0		94.8	80-120			
Cadmium	24.2	0.25	"	25.0		96.7	80-120			
Chromium	24.7	0.25	"	25.0		98.7	80-120			
Lead	24.2	0.25	"	25.0		96.8	80-120			
Matrix Spike (25D0151-MS1)	**Source: T251615-03**			Prepared: 04/09/25 Analyzed: 04/16/25						
Arsenic	34.1	0.062	mg/kg dry wt. dry	30.9	17.8	52.8	75-125			QM-07
Barium	135	0.31	"	30.9	106	92.9	75-125			
Cadmium	29.9	0.31	"	30.9	13.5	53.3	75-125			QM-07
Chromium	49.7	0.31	"	30.9	30.7	61.6	75-125			QM-07
Lead	56.7	0.31	"	30.9	40.7	51.6	75-125			QM-07

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Metals by EPA 6020 Method - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0151 - EPA 3050B										
Matrix Spike Dup (25D0151-MSD1)	**Source: T251615-03**			Prepared: 04/09/25 Analyzed: 04/16/25						
Arsenic	33.2	0.062	mg/kg dry wt. dry	30.9	17.8	49.9	75-125	2.65	20	QM-07
Barium	125	0.31	"	30.9	106	60.4	75-125	7.74	20	QM-07
Cadmium	29.1	0.31	"	30.9	13.5	50.5	75-125	2.93	20	QM-07
Chromium	47.4	0.31	"	30.9	30.7	54.1	75-125	4.78	20	QM-07
Lead	51.9	0.31	"	30.9	40.7	36.1	75-125	8.83	20	QM-07
Post Spike (25D0151-PS1)	**Source: T251615-03**			Prepared: 04/09/25 Analyzed: 04/16/25						
Arsenic	26.2		mg/kg dry wt. dry	25.0	14.4	47.3	80-120			QM-PS
Barium	24.5		"	25.0	85.8	NR	80-120			QM-PS
Cadmium	24.8		"	25.0	10.9	55.4	80-120			QM-PS
Chromium	26.4		"	25.0	24.8	6.20	80-120			QM-PS
Lead	24.2		"	25.0	33.0	NR	80-120			QM-PS
Batch 25D0202 - EPA 3050B										
Blank (25D0202-BLK1)				Prepared: 04/11/25 Analyzed: 04/17/25						
Antimony	ND	0.25	mg/kg dry wt. wet							
Arsenic	ND	0.050	"							
Barium	ND	0.25	"							
Beryllium	ND	0.25	"							
Cadmium	ND	0.25	"							
Chromium	ND	0.25	"							
Cobalt	ND	0.25	"							
Copper	ND	0.25	"							
Lead	ND	0.25	"							
Mercury	ND	0.050	"							
Molybdenum	ND	0.25	"							
Nickel	ND	0.25	"							
Selenium	ND	0.50	"							
Silver	ND	0.25	"							
Thallium	ND	0.25	"							
Vanadium	ND	0.25	"							
Zinc	1.65	0.25	"							QB-01

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Metals by EPA 6020 Method - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0202 - EPA 3050B										
LCS (25D0202-BS1)				Prepared: 04/11/25 Analyzed: 04/17/25						
Arsenic	24.9	0.050	mg/kg dry wt. wet	25.0		99.5	80-120			
Barium	23.6	0.25	"	25.0		94.4	80-120			
Cadmium	23.8	0.25	"	25.0		95.2	80-120			
Chromium	23.9	0.25	"	25.0		95.5	80-120			
Lead	23.2	0.25	"	25.0		92.6	80-120			
Matrix Spike (25D0202-MS1)		**Source: T251640-01**		Prepared: 04/11/25 Analyzed: 04/17/25						
Arsenic	41.8	0.050	mg/kg dry wt. wet	25.0	11.7	120	75-125			
Barium	139	0.25	"	25.0	110	117	75-125			
Cadmium	24.8	0.25	"	25.0	0.320	97.7	75-125			
Chromium	46.2	0.25	"	25.0	30.5	62.9	75-125			QM-07
Lead	54.2	0.25	"	25.0	107	NR	75-125			QM-07
Matrix Spike Dup (25D0202-MSD1)		**Source: T251640-01**		Prepared: 04/11/25 Analyzed: 04/17/25						
Arsenic	34.4	0.050	mg/kg dry wt. wet	25.0	11.7	90.9	75-125	19.4	20	
Barium	142	0.25	"	25.0	110	129	75-125	2.04	20	QM-07
Cadmium	25.6	0.25	"	25.0	0.320	101	75-125	3.57	20	
Chromium	61.4	0.25	"	25.0	30.5	124	75-125	28.3	20	QM-07
Lead	48.1	0.25	"	25.0	107	NR	75-125	11.8	20	QM-07
Post Spike (25D0202-PS1)		**Source: T251640-01**		Prepared: 04/11/25 Analyzed: 04/17/25						
Arsenic	34.9		mg/kg dry wt. wet	25.0	11.7	93.0	80-120			
Barium	143		"	25.0	110	132	80-120			QM-PS
Cadmium	25.1		"	25.0	0.320	99.1	80-120			
Chromium	55.5		"	25.0	30.5	100	80-120			
Lead	43.4		"	25.0	107	NR	80-120			QM-PS

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0153 - EPA 7471A Soil										
Blank (25D0153-BLK1)				Prepared: 04/09/25 Analyzed: 04/11/25						
Mercury	ND	0.10	mg/kg dry wt. wet							
LCS (25D0153-BS1)				Prepared: 04/09/25 Analyzed: 04/11/25						
Mercury	0.450	0.10	mg/kg dry wt. wet	0.417		108	80-120			
Matrix Spike (25D0153-MS1)	**Source: T251615-03**			Prepared: 04/09/25 Analyzed: 04/11/25						
Mercury	0.736	0.12	mg/kg dry wt. dry	0.515	ND	143	80-120			
Matrix Spike Dup (25D0153-MSD1)	**Source: T251615-03**			Prepared: 04/09/25 Analyzed: 04/11/25						
Mercury	0.756	0.12	mg/kg dry wt. dry	0.515	ND	147	80-120	2.67	20	

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Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0154 - EPA 3550B Soil										
Blank (25D0154-BLK1)				Prepared: 04/09/25 Analyzed: 04/15/25						
alpha-BHC	ND	0.0050	mg/kg dry wt. wet							
gamma-BHC (Lindane)	ND	0.0050	"							
beta-BHC	ND	0.0050	"							
delta-BHC	ND	0.0050	"							
Heptachlor	ND	0.0050	"							
Aldrin	ND	0.0050	"							
Heptachlor epoxide	ND	0.0050	"							
gamma-Chlordane	ND	0.0050	"							
alpha-Chlordane	ND	0.0050	"							
Endosulfan I	ND	0.0050	"							
4,4´-DDE	ND	0.0050	"							
Dieldrin	ND	0.0050	"							
Endrin	ND	0.0050	"							
4,4´-DDD	ND	0.0050	"							
Endosulfan II	ND	0.0050	"							
4,4´-DDT	ND	0.0050	"							
Endrin aldehyde	ND	0.0050	"							
Endosulfan sulfate	ND	0.0050	"							
Methoxychlor	ND	0.0050	"							
Endrin ketone	ND	0.0050	"							
Toxaphene	ND	0.020	"							
Surrogate: Tetrachloro-meta-xylene	*0.00672*		*"*	*0.0100*		*67.2*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00392*		*"*	*0.0100*		*39.2*	*35-140*			
LCS (25D0154-BS1)				Prepared: 04/09/25 Analyzed: 04/14/25						
gamma-BHC (Lindane)	0.0370	0.0050	mg/kg dry wt. wet	0.0404		91.5	40-120			
Heptachlor	0.0375	0.0050	"	0.0400		93.8	40-120			
Aldrin	0.0317	0.0050	"	0.0400		79.2	40-120			
Dieldrin	0.0387	0.0050	"	0.0402		96.2	40-120			
Endrin	0.0379	0.0050	"	0.0402		94.3	40-120			
4,4´-DDT	0.0389	0.0050	"	0.0404		96.3	33-147			
Surrogate: Tetrachloro-meta-xylene	*0.00737*		*"*	*0.0100*		*73.7*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00418*		*"*	*0.0100*		*41.8*	*35-140*			

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0154 - EPA 3550B Soil										
Matrix Spike (25D0154-MS1)		**Source: T251615-03**		Prepared: 04/09/25 Analyzed: 04/14/25						
gamma-BHC (Lindane)	0.0390	0.0062	mg/kg dry wt. dry	0.0500	ND	78.0	30-120			
Heptachlor	0.0294	0.0062	"	0.0495	ND	59.5	30-120			
Aldrin	0.0215	0.0062	"	0.0495	ND	43.5	30-120			
Dieldrin	0.0338	0.0062	"	0.0497	ND	68.0	30-120			
Endrin	0.0343	0.0062	"	0.0497	ND	69.0	30-120			
4,4´-DDT	0.0272	0.0062	"	0.0500	0.00255	49.4	30-120			
Surrogate: Tetrachloro-meta-xylene	*0.00500*		"	*0.0124*		*40.4*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00137*		"	*0.0124*		*11.1*	*35-140*			*S-GC*
Matrix Spike Dup (25D0154-MSD1)		**Source: T251615-03**		Prepared: 04/09/25 Analyzed: 04/14/25						
gamma-BHC (Lindane)	0.0367	0.0062	mg/kg dry wt. dry	0.0500	ND	73.5	30-120	5.96	30	
Heptachlor	0.0293	0.0062	"	0.0495	ND	59.2	30-120	0.400	30	
Aldrin	0.0222	0.0062	"	0.0495	ND	44.8	30-120	2.93	30	
Dieldrin	0.0324	0.0062	"	0.0497	ND	65.2	30-120	4.18	30	
Endrin	0.0330	0.0062	"	0.0497	ND	66.4	30-120	3.78	30	
4,4´-DDT	0.0259	0.0062	"	0.0500	0.00255	46.7	30-120	5.64	30	
Surrogate: Tetrachloro-meta-xylene	*0.00453*		"	*0.0124*		*36.7*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00128*		"	*0.0124*		*10.4*	*35-140*			*S-GC*

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Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0156 - EPA 3550B PCB										
Blank (25D0156-BLK1)				Prepared: 04/09/25 Analyzed: 04/14/25						
Aroclor-1016	ND	0.010	mg/kg dry wt. wet							
Aroclor-1221	ND	0.010	"							
Aroclor-1232	ND	0.010	"							
Aroclor-1242	ND	0.010	"							
Aroclor-1248	ND	0.010	"							
Aroclor-1254	ND	0.010	"							
Aroclor-1260	ND	0.010	"							
Surrogate: Tetrachloro-meta-xylene	*0.00675*		"	*0.0100*		*67.5*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00386*		"	*0.0100*		*38.6*	*35-140*			
LCS (25D0156-BS1)				Prepared: 04/09/25 Analyzed: 04/14/25						
Aroclor-1016	0.0957	0.010	mg/kg dry wt. wet	0.101		94.7	40-130			
Aroclor-1260	0.101	0.010	"	0.100		101	40-130			
Surrogate: Tetrachloro-meta-xylene	*0.00685*		"	*0.0100*		*68.5*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00777*		"	*0.0100*		*77.7*	*35-140*			
Matrix Spike (25D0156-MS1)		**Source: T251615-03**		Prepared: 04/09/25 Analyzed: 04/14/25						
Aroclor-1016	0.0713	0.012	mg/kg dry wt. dry	0.125	ND	57.1	40-130			
Aroclor-1260	0.0466	0.012	"	0.124	ND	37.7	40-130			QM-05
Surrogate: Tetrachloro-meta-xylene	*0.00385*		"	*0.0124*		*31.2*	*35-140*			*S-03*
Surrogate: Decachlorobiphenyl	*0.00289*		"	*0.0124*		*23.3*	*35-140*			*S-03*
Matrix Spike Dup (25D0156-MSD1)		**Source: T251615-03**		Prepared: 04/09/25 Analyzed: 04/14/25						
Aroclor-1016	0.0639	0.012	mg/kg dry wt. dry	0.125	ND	51.2	40-130	10.9	30	
Aroclor-1260	0.0402	0.012	"	0.124	ND	32.5	40-130	14.7	30	QM-05
Surrogate: Tetrachloro-meta-xylene	*0.00363*		"	*0.0124*		*29.4*	*35-140*			*S-03*
Surrogate: Decachlorobiphenyl	*0.000718*		"	*0.0124*		*5.80*	*35-140*			*S-03*

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0145 - EPA 5030 GCMS										
Blank (25D0145-BLK1)				Prepared & Analyzed: 04/09/25						
Bromobenzene	ND	0.0025	mg/kg dry wt. wet							
Bromochloromethane	ND	0.0025	"							
Bromodichloromethane	ND	0.0025	"							
Bromoform	ND	0.0025	"							
Bromomethane	ND	0.0025	"							
n-Butylbenzene	ND	0.0025	"							
sec-Butylbenzene	ND	0.0025	"							
tert-Butylbenzene	ND	0.0025	"							
Carbon tetrachloride	ND	0.0025	"							
Chlorobenzene	ND	0.0025	"							
Chloroethane	ND	0.0025	"							
Chloroform	ND	0.0025	"							
Chloromethane	ND	0.0025	"							
2-Chlorotoluene	ND	0.0025	"							
4-Chlorotoluene	ND	0.0025	"							
Dibromochloromethane	ND	0.0025	"							
1,2-Dibromo-3-chloropropane	ND	0.0050	"							
1,2-Dibromoethane (EDB)	ND	0.0025	"							
Dibromomethane	ND	0.0025	"							
1,2-Dichlorobenzene	ND	0.0025	"							
1,3-Dichlorobenzene	ND	0.0025	"							
1,4-Dichlorobenzene	ND	0.0025	"							
Dichlorodifluoromethane	ND	0.0025	"							
1,1-Dichloroethane	ND	0.0025	"							
1,2-Dichloroethane	ND	0.0025	"							
1,1-Dichloroethene	ND	0.0025	"							
cis-1,2-Dichloroethene	ND	0.0025	"							
trans-1,2-Dichloroethene	ND	0.0025	"							
1,2-Dichloropropane	ND	0.0025	"							
1,3-Dichloropropane	ND	0.0025	"							
2,2-Dichloropropane	ND	0.0025	"							
1,1-Dichloropropene	ND	0.0025	"							
cis-1,3-Dichloropropene	ND	0.0025	"							
trans-1,3-Dichloropropene	ND	0.0025	"							
Hexachlorobutadiene	ND	0.0025	"							

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0145 - EPA 5030 GCMS										
Blank (25D0145-BLK1)				Prepared & Analyzed: 04/09/25						
Isopropylbenzene	ND	0.0025	mg/kg dry wt. wet							
p-Isopropyltoluene	ND	0.0025	"							
Methylene chloride	ND	0.010	"							
Naphthalene	ND	0.0025	"							
n-Propylbenzene	ND	0.0025	"							
Styrene	ND	0.0025	"							
1,1,2,2-Tetrachloroethane	ND	0.0025	"							
1,1,1,2-Tetrachloroethane	ND	0.0025	"							
Tetrachloroethene	ND	0.0025	"							
1,2,3-Trichlorobenzene	ND	0.0025	"							
1,2,4-Trichlorobenzene	ND	0.0025	"							
1,1,2-Trichloroethane	ND	0.0025	"							
1,1,1-Trichloroethane	ND	0.0025	"							
Trichloroethene	ND	0.0025	"							
Trichlorofluoromethane	ND	0.0025	"							
1,2,3-Trichloropropane	ND	0.0025	"							
1,3,5-Trimethylbenzene	ND	0.0025	"							
1,2,4-Trimethylbenzene	ND	0.0025	"							
Vinyl chloride	ND	0.0025	"							
Benzene	ND	0.0025	"							
Toluene	ND	0.0025	"							
Ethylbenzene	ND	0.0025	"							
m,p-Xylene	ND	0.0050	"							
o-Xylene	ND	0.0025	"							
Acetone	ND	0.0050	"							
Methyl ethyl ketone	ND	0.0050	"							
Methyl isobutyl ketone	ND	0.0050	"							
2-Hexanone (MBK)	ND	0.0050	"							
Surrogate: 4-Bromofluorobenzene	*0.0445*		"	*0.0500*		*88.9*	*75.4-139*			
Surrogate: Dibromofluoromethane	*0.0400*		"	*0.0500*		*80.0*	*73.1-125*			
Surrogate: Toluene-d8	*0.0508*		"	*0.0500*		*102*	*82.6-117*			

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0145 - EPA 5030 GCMS										
LCS (25D0145-BS1)				Prepared & Analyzed: 04/09/25						
Chlorobenzene	0.0493	0.0025	mg/kg dry wt. wet	0.0500		98.6	65.2-124			
1,1-Dichloroethene	0.0376	0.0025	"	0.0500		75.1	60.9-131			
Trichloroethene	0.0478	0.0025	"	0.0500		95.6	62.1-126			
Benzene	0.0539	0.0025	"	0.0500		108	65.3-127			
Toluene	0.0543	0.0025	"	0.0500		109	64.3-122			
Surrogate: 4-Bromofluorobenzene	*0.0481*		"	*0.0500*		*96.2*	*75.4-139*			
Surrogate: Dibromofluoromethane	*0.0429*		"	*0.0500*		*85.8*	*73.1-125*			
Surrogate: Toluene-d8	*0.0510*		"	*0.0500*		*102*	*82.6-117*			
Matrix Spike (25D0145-MS1)		**Source: T251615-03**		Prepared & Analyzed: 04/09/25						
Chlorobenzene	0.0557	0.0031	mg/kg dry wt. dry	0.0618	ND	90.1	65.2-125			
1,1-Dichloroethene	0.0448	0.0031	"	0.0618	ND	72.5	60.9-131			
Trichloroethene	0.0548	0.0031	"	0.0618	ND	88.6	62.1-126			
Benzene	0.0610	0.0031	"	0.0618	ND	98.7	65.3-127			
Toluene	0.0609	0.0031	"	0.0618	ND	98.6	64.3-125			
Surrogate: 4-Bromofluorobenzene	*0.0597*		"	*0.0618*		*96.5*	*75.4-139*			
Surrogate: Dibromofluoromethane	*0.0534*		"	*0.0618*		*86.3*	*73.1-125*			
Surrogate: Toluene-d8	*0.0634*		"	*0.0618*		*103*	*82.6-117*			
Matrix Spike Dup (25D0145-MSD1)		**Source: T251615-03**		Prepared & Analyzed: 04/09/25						
Chlorobenzene	0.0519	0.0031	mg/kg dry wt. dry	0.0618	ND	83.9	65.2-125	7.03	20	
1,1-Dichloroethene	0.0417	0.0031	"	0.0618	ND	67.5	60.9-131	7.14	20	
Trichloroethene	0.0521	0.0031	"	0.0618	ND	84.3	62.1-126	5.00	20	
Benzene	0.0583	0.0031	"	0.0618	ND	94.2	65.3-127	4.66	20	
Toluene	0.0576	0.0031	"	0.0618	ND	93.2	64.3-125	5.61	20	
Surrogate: 4-Bromofluorobenzene	*0.0591*		"	*0.0618*		*95.6*	*75.4-139*			
Surrogate: Dibromofluoromethane	*0.0522*		"	*0.0618*		*84.4*	*73.1-125*			
Surrogate: Toluene-d8	*0.0636*		"	*0.0618*		*103*	*82.6-117*			

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0157 - EPA 3550B Soil										
Blank (25D0157-BLK1)				Prepared: 04/09/25 Analyzed: 04/14/25						
Acenaphthene	ND	0.30	mg/kg dry wt. wet							
Acenaphthylene	ND	0.30	"							
Aniline	ND	0.30	"							
Anthracene	ND	0.30	"							
Azobenzene	ND	0.30	"							
Benzo (a) anthracene	ND	0.30	"							
Benzo (a) pyrene	ND	0.30	"							
Benzo (b) fluoranthene	ND	0.30	"							
Benzo (g,h,i) perylene	ND	1.0	"							
Benzo (k) fluoranthene	ND	0.30	"							
Benzyl alcohol	ND	0.30	"							
4-Bromophenyl phenyl ether	ND	0.30	"							
Butyl benzyl phthalate	ND	0.30	"							
Carbazole	ND	0.30	"							
4-Chloro-3-methylphenol	ND	1.0	"							
4-Chloroaniline	ND	0.30	"							
Bis(2-chloroethoxy)methane	ND	0.30	"							
Bis(2-chloroethyl)ether	ND	0.30	"							
Bis(2-chloroisopropyl)ether	ND	0.30	"							
2-Chloronaphthalene	ND	0.30	"							
2-Chlorophenol	ND	1.0	"							
4-Chlorophenyl phenyl ether	ND	0.30	"							
Chrysene	ND	0.30	"							
Dibenz (a,h) anthracene	ND	0.30	"							
Dibenzofuran	ND	0.30	"							
Di-n-butyl phthalate	ND	0.30	"							
1,2-Dichlorobenzene	ND	0.30	"							
1,3-Dichlorobenzene	ND	0.30	"							
1,4-Dichlorobenzene	ND	0.30	"							
2,4-Dichlorophenol	ND	1.0	"							
Diethyl phthalate	ND	0.30	"							
2,4-Dimethylphenol	ND	1.0	"							
Dimethyl phthalate	ND	0.30	"							
4,6-Dinitro-2-methylphenol	ND	1.0	"							
2,4-Dinitrophenol	ND	1.0	"							

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0157 - EPA 3550B Soil										
Blank (25D0157-BLK1)				Prepared: 04/09/25 Analyzed: 04/14/25						
2,4-Dinitrotoluene	ND	0.30	mg/kg dry wt. wet							
2,6-Dinitrotoluene	ND	1.0	"							
Di-n-octyl phthalate	ND	0.30	"							
Bis(2-ethylhexyl)phthalate	ND	0.30	"							
Fluoranthene	ND	0.30	"							
Fluorene	ND	0.30	"							
Hexachlorobenzene	ND	1.5	"							
Hexachlorobutadiene	ND	0.30	"							
Hexachlorocyclopentadiene	ND	1.0	"							
Hexachloroethane	ND	0.30	"							
Indeno (1,2,3-cd) pyrene	ND	0.30	"							
Isophorone	ND	0.30	"							
1-Methylnaphthalene	ND	0.30	"							
2-Methylnaphthalene	ND	0.30	"							
4-Methylphenol	ND	1.0	"							
2-Methylphenol	ND	1.0	"							
Naphthalene	ND	0.30	"							
4-Nitroaniline	ND	0.30	"							
3-Nitroaniline	ND	0.30	"							
2-Nitroaniline	ND	0.30	"							
Nitrobenzene	ND	1.0	"							
2-Nitrophenol	ND	1.0	"							
4-Nitrophenol	ND	1.0	"							
N-Nitrosodimethylamine	ND	0.30	"							
N-Nitrosodiphenylamine	ND	0.30	"							
N-Nitrosodi-n-propylamine	ND	0.30	"							
Pentachlorophenol	ND	1.0	"							
Phenanthrene	ND	0.30	"							
Phenol	ND	1.0	"							
Pyrene	ND	0.30	"							
Pyridine	ND	0.30	"							
2,3,5,6-Tetrachlorophenol	ND	0.30	"							
2,3,4,6-Tetrachlorophenol	ND	0.30	"							
1,2,4-Trichlorobenzene	ND	0.30	"							
2,4,6-Trichlorophenol	ND	1.0	"							

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0157 - EPA 3550B Soil										
Blank (25D0157-BLK1)				Prepared: 04/09/25 Analyzed: 04/14/25						
2,4,5-Trichlorophenol	ND	1.0	mg/kg dry wt. wet							
Surrogate: 2-Fluorobiphenyl	*2.33*		"	*3.33*		*69.8*	*32.4-102*			
Surrogate: 2-Fluorophenol	*1.92*		"	*3.33*		*57.6*	*15-121*			
Surrogate: Nitrobenzene-d5	*2.01*		"	*3.33*		*60.3*	*21.3-119*			
Surrogate: Phenol-d6	*1.87*		"	*3.33*		*56.2*	*24-113*			
Surrogate: Terphenyl-dl4	*3.10*		"	*3.33*		*93.2*	*29.1-130*			
Surrogate: 2,4,6-Tribromophenol	*2.93*		"	*3.33*		*87.8*	*18.1-105*			
LCS (25D0157-BS1)				Prepared: 04/09/25 Analyzed: 04/14/25						
Acenaphthene	2.71	0.30	mg/kg dry wt. wet	3.33		81.2	34-114			
4-Chloro-3-methylphenol	2.39	1.0	"	3.33		71.7	50-130			
2-Chlorophenol	2.27	1.0	"	3.33		68.1	34-114			
1,4-Dichlorobenzene	2.08	0.30	"	3.33		62.3	34-114			
N-Nitrosodi-n-propylamine	2.45	0.30	"	3.33		73.5	30-110			
Pentachlorophenol	3.06	1.0	"	3.33		91.9	50-130			
Phenol	1.93	1.0	"	3.33		57.8	34-114			
Pyrene	3.64	0.30	"	3.33		109	33.7-123			
1,2,4-Trichlorobenzene	2.39	0.30	"	3.33		71.7	39-119			
Surrogate: 2-Fluorobiphenyl	*2.37*		"	*3.33*		*71.2*	*32.4-102*			
Surrogate: 2-Fluorophenol	*1.96*		"	*3.33*		*58.7*	*15-121*			
Surrogate: Nitrobenzene-d5	*2.06*		"	*3.33*		*61.8*	*21.3-119*			
Surrogate: Phenol-d6	*1.96*		"	*3.33*		*58.8*	*24-113*			
Surrogate: Terphenyl-dl4	*3.16*		"	*3.33*		*94.9*	*29.1-130*			
Surrogate: 2,4,6-Tribromophenol	*3.12*		"	*3.33*		*93.5*	*18.1-105*			
Matrix Spike (25D0157-MS1)	**Source: T251615-15**			Prepared: 04/09/25 Analyzed: 04/14/25						
Acenaphthene	2.88	0.35	mg/kg dry wt. dry	3.91	ND	73.7	34-114			
4-Chloro-3-methylphenol	3.29	1.2	"	3.91	ND	84.2	50-130			
2-Chlorophenol	2.86	1.2	"	3.91	ND	73.2	34-114			
1,4-Dichlorobenzene	1.59	0.35	"	3.91	ND	40.7	34-114			
N-Nitrosodi-n-propylamine	3.00	0.35	"	3.91	ND	76.7	30-110			
Pentachlorophenol	2.67	1.2	"	3.91	ND	68.3	50-130			
Phenol	2.80	1.2	"	3.91	ND	71.7	34-114			
Pyrene	3.46	0.35	"	3.91	ND	88.4	33.7-123			

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0157 - EPA 3550B Soil										
Matrix Spike (25D0157-MS1)	**Source: T251615-15**			Prepared: 04/09/25 Analyzed: 04/14/25						
1,2,4-Trichlorobenzene	2.25	0.35	mg/kg dry wt. dry	3.91	ND	57.5	39-119			
Surrogate: 2-Fluorobiphenyl	*2.52*		"	*3.91*		*64.4*	*32.4-102*			
Surrogate: 2-Fluorophenol	*2.35*		"	*3.91*		*60.1*	*15-121*			
Surrogate: Nitrobenzene-d5	*2.59*		"	*3.91*		*66.4*	*21.3-119*			
Surrogate: Phenol-d6	*2.37*		"	*3.91*		*60.7*	*24-113*			
Surrogate: Terphenyl-dl4	*3.56*		"	*3.91*		*91.2*	*29.1-130*			
Surrogate: 2,4,6-Tribromophenol	*3.64*		"	*3.91*		*93.1*	*18.1-105*			
Matrix Spike Dup (25D0157-MSD1)	**Source: T251615-15**			Prepared: 04/09/25 Analyzed: 04/14/25						
Acenaphthene	2.84	0.35	mg/kg dry wt. dry	3.91	ND	72.6	34-114	1.53	31	
4-Chloro-3-methylphenol	3.38	1.2	"	3.91	ND	86.5	50-130	2.69	42	
2-Chlorophenol	2.93	1.2	"	3.91	ND	74.9	34-114	2.30	40	
1,4-Dichlorobenzene	1.57	0.35	"	3.91	ND	40.2	34-114	1.26	28	
N-Nitrosodi-n-propylamine	2.86	0.35	"	3.91	ND	73.2	30-110	4.60	38	
Pentachlorophenol	3.38	1.2	"	3.91	ND	86.5	50-130	23.5	50	
Phenol	2.64	1.2	"	3.91	ND	67.7	34-114	5.81	42	
Pyrene	3.54	0.35	"	3.91	ND	90.6	33.7-123	2.46	31	
1,2,4-Trichlorobenzene	2.23	0.35	"	3.91	ND	57.0	39-119	0.856	28	
Surrogate: 2-Fluorobiphenyl	*2.49*		"	*3.91*		*63.6*	*32.4-102*			
Surrogate: 2-Fluorophenol	*2.40*		"	*3.91*		*61.4*	*15-121*			
Surrogate: Nitrobenzene-d5	*2.44*		"	*3.91*		*62.5*	*21.3-119*			
Surrogate: Phenol-d6	*2.63*		"	*3.91*		*67.4*	*24-113*			
Surrogate: Terphenyl-dl4	*3.67*		"	*3.91*		*94.0*	*29.1-130*			
Surrogate: 2,4,6-Tribromophenol	*3.77*		"	*3.91*		*96.4*	*18.1-105*			

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0158 - General Preparation										
Blank (25D0158-BLK1)				Prepared: 04/09/25 Analyzed: 04/10/25						
Hexavalent Chromium	ND	0.20	mg/kg dry wt. wet							
LCS (25D0158-BS1)				Prepared: 04/09/25 Analyzed: 04/10/25						
Hexavalent Chromium	9.47	0.20	mg/kg dry wt. wet	10.0		94.7	80-120			
Matrix Spike (25D0158-MS1)		**Source: T251615-80**		Prepared: 04/09/25 Analyzed: 04/10/25						
Hexavalent Chromium	7.59	0.23	mg/kg dry wt. dry	11.7	ND	64.8	75-125			QM-05
Matrix Spike Dup (25D0158-MSD1)		**Source: T251615-80**		Prepared: 04/09/25 Analyzed: 04/10/25						
Hexavalent Chromium	8.20	0.23	mg/kg dry wt. dry	11.7	ND	70.1	75-125	7.75	20	QM-05
Batch 25D0159 - General Preparation										
Duplicate (25D0159-DUP1)		**Source: T251615-16**		Prepared: 04/09/25 Analyzed: 04/11/25						
% Solids	85.8		%		81.3			5.35	20	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/17/25 17:31

Notes and Definitions

S-GC	Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
S-03	The surrogate recovery was below acceptance criteria in the sample because of a possible matrix effect. The surrogate recovery was within acceptance criteria in the method blank and LCS.
R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s) and/or matrix effect.
QM-PS	The percent recovery and/or RPD are outside acceptance criteria. Results accepted based upon percent recovery results in the post spike and/or serial dilution.
QM-07	The spike recovery and/or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.
QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
D-06	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)
Page 1 of 10

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner	TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
01	S	4/7/25	13:40		X	S01-1.0	0.5	1.0	1									
02	S	4/7/25	13:50		X	S01-2.5	2.0	2.5	1									
03	S	4/7/25	14:45		X	S02-1.0	0.5	1.0	1		X	X	X	X	X	X	X	
04	S	4/7/25	14:50		X	S02-2.5	2.0	2.5	1		X	X	X	X	X	X		
05	S	4/7/25	14:45		X	S03-1.0	0.5	1.0	1									
06	S	4/7/25	14:47		X	S03-2.5	2.0	2.5	1									
07	S	4/7/25	14:30		X	S04-1.0	0.5	1.0	1									
08	S	4/7/25	14:35		X	S04-2.5	2.0	2.5	1									
09	S	4/7/25	13:55		X	S05-1.0	0.5	1.0	1									
10	S	4/7/25	14:38		X	S05-2.5	2.0	2.5	1									

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	ED Stevens	4/8/25	930
ED Stevens	4/8/25	1545	GLS/Matthew		
GLS	4/9/25	11:34	Rob Dunn	4/9/25	11:34

NOTES:
1. Report on a dry-weight basis
2. Composite sampling directions provided on page 10.
3. Provide EDD with PDF Report
4. Report results to:
sadie.bodiford@terracon.com
joe.rosenbery@terracon.com
tony.mikacich@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°C

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
11	S	4/7/25	10:22		X	S06-1.0	0.5	1.0		1										
12	S	4/7/25	10:19		X	S06-2.5	2.0	2.5		1										
13	S	4/7/25	10:16		X	S07-1.0	0.5	1.0		1										
14	S	4/7/25	10:15		X	S07-2.5	2.0	2.5		1										
15	S	4/7/25	9:38		X	S08-1.0	0.5	1.0		1			X	X	X	X	X	X		
16	S	4/7/25	9:37		X	S08-2.5	2.0	2.5		1			X	X	X	X	X	X		
17	S	4/7/25	9:53		X	S09-1.0	0.5	1.0		1										
18	S	4/7/25	9:50		X	S09-2.5	2.0	2.5		1										
19	S	4/7/25	10:10		X	S10-1.0	0.5	1.0		1										
20	S	4/7/25	10:05		X	S10-2.5	2.0	2.5		1										

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	04/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthews		
GLS			Pat Penn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
21	S	4/7/25	10:36		X	S11-1.0	0.5	1.0		1										
22	S	4/7/25	10:32		X	S11-2.5	2.0	2.5		1										
23	S	4/7/25	10:40		X	S12-1.0	0.5	1.0		1										
24	S	4/7/25	10:38		X	S12-2.5	2.0	2.5		1										
25	S	4/7/25	11:12		X	S13-1.0	0.5	1.0		1										
26	S	4/7/25	11:10		X	S13-2.5	2.0	2.5		1										
27	S	4/7/25	11:23		X	S14-1.0	0.5	1.0		1										
28	S	4/7/25	11:20		X	S14-2.5	2.0	2.5		1										
29	S	4/7/25	12:06		X	S15-1.0	0.5	1.0		1			X	X	X	X	X	X		
30	S	4/7/25	12:05		X	S15-2.5	2.0	2.5		1			X	X	X	X	X	X		

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS				4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
31	S	4/7/25	11:55		X	S16-1.0	0.5	1.0		1										
32	S	4/7/25	11:53		X	S16-2.5	2.0	2.5		1										
33	S	4/7/25	12:00		X	S17-1.0	0.5	1.0		1										
34	S	4/7/25	11:58		X	S17-2.5	2.0	2.5		1										
35	S	4/7/25	14:10		X	S18-1.0	0.5	1.0	1											
36	S	4/7/25	14:20		X	S18-2.5	2.0	2.5	1											
37	S	4/7/25	9:25		X	S19-1.0	0.5	1.0	1											
38	S	4/7/25	9:35		X	S19-2.5	2.0	2.5	1											
39	S	4/7/25	9:47		X	S20-1.0	0.5	1.0	1											
40	S	4/7/25	9:59		X	S20-2.5	2.0	2.5	1											

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthews		
GLS			Paul Burn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°C

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
41	S	4/7/25	10:21		X	S21-1.0	0.5	1.0	1											
42	S	4/7/25	10:29		X	S21-2.5	2.0	2.5	1											
43	S	4/7/25	8:35		X	S22-1.0	0.5	1.0	1											
44	S	4/7/25	8:48		X	S22-2.5	2.0	2.5	1											
45	S	4/7/25	9:00		X	S23-1.0	0.5	1.0	1											
46	S	4/7/25	9:10		X	S23-2.5	2.0	2.5	1											
47	S	4/7/25	13:25		X	S24-1.0	0.5	1.0	1											
48	S	4/7/25	13:30		X	S24-2.5	2.0	2.5	1											
49	S	4/7/25	11:35		X	S25-1.0	0.5	1.0	1											
50	S	4/7/25	11:42		X	S25-2.5	2.0	2.5	1											

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Paul Ann	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T25I8615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
S1	S	4/7/25	10:50		X	S26-1.0	0.5	1.0	1											
S2	S	4/7/25	11:00		X	S26-2.5	2.0	2.5	1											
S3	S	4/7/25	11:08		X	S27-1.0	0.5	1.0	1											
S4	S	4/7/25	11:15		X	S27-2.5	2.0	2.5	1											
S5	S	4/7/25	12:35		X	S28-1.0	0.5	1.0	1											
S6	S	4/7/25	12:45		X	S28-2.5	2.0	2.5	1											
S7	S	4/7/25	12:05		X	S29-1.0	0.5	1.0	1											
S8	S	4/7/25	12:15		X	S29-2.5	2.0	2.5	1											
S9	S	4/7/25	8:40		X	S30-1.0	0.5	1.0		1										
60	S	4/7/25	8:45		X	S30-2.5	2.0	2.5		1										

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Rel Hunn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
61	S	4/7/25	9:02		X	S31-1.0	0.5	1.0		1										
62	S	4/7/25	9:00		X	S31-2.5	2.0	2.5		1										
63	S	4/7/25	9:08		X	S32-1.0	0.5	1.0		1			X	X	X	X	X	X		
64	S	4/7/25	9:05		X	S32-2.5	2.0	2.5		1			X	X	X	X	X	X		
65	S	4/7/25	9:18		X	S33-1.0	0.5	1.0		1										
66	S	4/7/25	9:15		X	S33-2.5	2.0	2.5		1										
67	S	4/7/25	8:20		X	S34-1.0	0.5	1.0		1										
68	S	4/7/25	8:25		X	S34-2.5	2.0	2.5		1										
69	S	4/7/25	8:30		X	S35-1.0	0.5	1.0	1											
70	S	4/7/25	8:35		X	S35-2.5	2.0	2.5	1											

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS				4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3, 4°c

T251615

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Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)
Page 8 of 10

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
71	S	4/7/25	10:28		X	S36-1.0	0.5	1.0		1										
72	S	4/7/25	10:25		X	S36-2.5	2.0	2.5		1										
73	S	4/7/25	12:35		X	S37-1.0	0.5	1.0		1										
74	S	4/7/25	12:34		X	S37-2.5	2.0	2.5		1										
75	S	4/7/25	12:22		X	S38-1.0	0.5	1.0		1										
76	S	4/7/25	12:20		X	S38-2.5	2.0	2.5		1										
77	S	4/7/25	12:30		X	S39-1.0	0.5	1.0		1			X	X	X	X	X	X		
78	S	4/7/25	12:29		X	S39-2.5	2.0	2.5		1			X	X	X	X	X	X		
79	S	4/7/25	11:40		X	S40-1.0	0.5	1.0		1			X	X	X	X	X	X		
80	S	4/7/25	11:38		X	S40-2.5	2.0	2.5		1			X	X	X	X	X	X		> Actually jars not Liners

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Paul Dunn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

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Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	PCBs (8082)	Lab Sample ID
81	S	4/7/25	12:41		X	S42-1.0	0.5	1.0	1				X	X	X	X	X	X		
82	S	4/7/25	12:44		X	S42-2.5	2.0	2.5	1				X	X	X	X	X	X		
83	S	4/7/25	13:00		X	S43-1.0	0.5	1.0	1				X	X	X	X	X	X		
84	S	4/7/25	13:12		X	S43-2.5	2.0	2.5	1				X	X	X	X	X	X		
85	S	4/7/25	14:05		X	S44-0.5	0	0.5	1										X	

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Pat Flynn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

GLS.

800-322-5555
www.gls-us.com

Ship From
SUN STAR LABS
WEST SACRAMENTO OFFICE
3140 BEACON BLVD
SUITE A
WEST SACRAMENTO, CA 95691

Ship To
SUNSTAR LABORATORIES-SOUTH
SAMPLE RECEIVING
25712 COMMERCENTRE DR.
LAKE FOREST, CA 92630

COD: $0.00
Weight: 0 lb(s)
Reference:

Delivery Instructions:

Signature Type: NOT REQUIRED

Tracking #: 562772365

PDS

LAKE FOREST

S16025E

28094269

NWK CA906-GD0

Print Date: 3/18/2025 12:18 PM

Package 2 of 25

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T251615

Client Name: Terracon-Sacramento Project: Frank Otis Elementary School

Delivered by: ☐ Client ☐ SunStar Courier ☒ GLS ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: Paul Date/Time Lab Received: 4/9/25 11:34

Total number of coolers received: 1 Thermometer ID: SC-1 Calibration due: 11/19/2025

Temperature: Cooler #1	3.3 °C +/- the CF (+ 0.1°C)	=	3.4	°C corrected temperature
Temperature: Cooler #2	°C +/- the CF (+ 0.1°C)	=		°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (+ 0.1°C)	=		°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☒ **Yes** ☐ **No** ☐ **N/A**
If NO:		
Samples received on ice?	☐ Yes	☐ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	☒ Yes	☐ No*	☐ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: KO 4/9/25

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Report To:

Terracon -- Sacramento
Sadie Bodiford
50 Goldenland Court, Suite 100
Sacramento, CA 95834

Date Due:	04/16/25 17:00 (5 day TAT)		
Received By:	Paul Berner	Date Received:	04/09/25 11:34
Logged In By:	Karina Ortiz	Date Logged In:	04/09/25 09:12

Samples Received at:	**3.4°C**		
Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirme	No		

Analysis	Due	TAT	Expires	Comments
T251615-01 S01-1.0 [Soil] Sampled 04/07/25 13:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-02 S01-2.5 [Soil] Sampled 04/07/25 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-03 S02-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:45	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:45	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:45	
8082 PCB	04/16/25 15:00	5	04/21/25 14:45	
8260	04/16/25 15:00	5	04/21/25 14:45	
8270C	04/16/25 15:00	5	04/21/25 14:45	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:45	
Dry Weight	04/16/25 15:00	5	04/14/25 14:45	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-04 S02-2.5 [Soil] Sampled 04/07/25 14:50 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:50	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:50	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:50	
8082 PCB	04/16/25 15:00	5	04/21/25 14:50	
8260	04/16/25 15:00	5	04/21/25 14:50	
8270C	04/16/25 15:00	5	04/21/25 14:50	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:50	
Dry Weight	04/16/25 15:00	5	04/14/25 14:50	
T251615-05 S03-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-06 S03-2.5 [Soil] Sampled 04/07/25 14:47 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-07 S04-1.0 [Soil] Sampled 04/07/25 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-08 S04-2.5 [Soil] Sampled 04/07/25 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-09 S05-1.0 [Soil] Sampled 04/07/25 13:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-10 S05-2.5 [Soil] Sampled 04/07/25 14:38 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-11 S06-1.0 [Soil] Sampled 04/07/25 10:22 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-12 S06-2.5 [Soil] Sampled 04/07/25 10:19 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-13 S07-1.0 [Soil] Sampled 04/07/25 10:16 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-14 S07-2.5 [Soil] Sampled 04/07/25 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-15 S08-1.0 [Soil] Sampled 04/07/25 09:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:38	
8082 PCB	04/16/25 15:00	5	04/21/25 09:38	
8260	04/16/25 15:00	5	04/21/25 09:38	
8270C	04/16/25 15:00	5	04/21/25 09:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:38	
Dry Weight	04/16/25 15:00	5	04/14/25 09:38	
T251615-16 S08-2.5 [Soil] Sampled 04/07/25 09:37 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:37	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:37	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:37	
8082 PCB	04/16/25 15:00	5	04/21/25 09:37	
8260	04/16/25 15:00	5	04/21/25 09:37	
8270C	04/16/25 15:00	5	04/21/25 09:37	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:37	
Dry Weight	04/16/25 15:00	5	04/14/25 09:37	
T251615-17 S09-1.0 [Soil] Sampled 04/07/25 09:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-18 S09-2.5 [Soil] Sampled 04/07/25 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-19 S10-1.0 [Soil] Sampled 04/07/25 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-20 S10-2.5 [Soil] Sampled 04/07/25 10:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-21 S11-1.0 [Soil] Sampled 04/07/25 10:36 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-22 S11-2.5 [Soil] Sampled 04/07/25 10:32 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-23 S12-1.0 [Soil] Sampled 04/07/25 10:40 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-24 S12-2.5 [Soil] Sampled 04/07/25 10:38 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-25 S13-1.0 [Soil] Sampled 04/07/25 11:12 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-26 S13-2.5 [Soil] Sampled 04/07/25 11:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-27 S14-1.0 [Soil] Sampled 04/07/25 11:23 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-28 S14-2.5 [Soil] Sampled 04/07/25 11:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-29 S15-1.0 [Soil] Sampled 04/07/25 12:06 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:06	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:06	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:06	
8082 PCB	04/16/25 15:00	5	04/21/25 12:06	
8260	04/16/25 15:00	5	04/21/25 12:06	
8270C	04/16/25 15:00	5	04/21/25 12:06	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:06	
Dry Weight	04/16/25 15:00	5	04/14/25 12:06	
T251615-30 S15-2.5 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:05	
8082 PCB	04/16/25 15:00	5	04/21/25 12:05	
8260	04/16/25 15:00	5	04/21/25 12:05	
8270C	04/16/25 15:00	5	04/21/25 12:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:05	
Dry Weight	04/16/25 15:00	5	04/14/25 12:05	
T251615-31 S16-1.0 [Soil] Sampled 04/07/25 11:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-32 S16-2.5 [Soil] Sampled 04/07/25 11:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-33 S17-1.0 [Soil] Sampled 04/07/25 12:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-34 S17-2.5 [Soil] Sampled 04/07/25 11:58 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-35 S18-1.0 [Soil] Sampled 04/07/25 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-36 S18-2.5 [Soil] Sampled 04/07/25 14:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-37 S19-1.0 [Soil] Sampled 04/07/25 09:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-38 S19-2.5 [Soil] Sampled 04/07/25 09:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-39 S20-1.0 [Soil] Sampled 04/07/25 09:47 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-40 S20-2.5 [Soil] Sampled 04/07/25 09:59 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-41 S21-1.0 [Soil] Sampled 04/07/25 10:21 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-42 S21-2.5 [Soil] Sampled 04/07/25 10:29 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-43 S22-1.0 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-44 S22-2.5 [Soil] Sampled 04/07/25 08:48 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-45 S23-1.0 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-46 S23-2.5 [Soil] Sampled 04/07/25 09:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-47 S24-1.0 [Soil] Sampled 04/07/25 13:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-48 S24-2.5 [Soil] Sampled 04/07/25 13:30 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-49 S25-1.0 [Soil] Sampled 04/07/25 11:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-50 S25-2.5 [Soil] Sampled 04/07/25 11:42 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-51 S26-1.0 [Soil] Sampled 04/07/25 10:50 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-52 S26-2.5 [Soil] Sampled 04/07/25 11:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-53 S27-1.0 [Soil] Sampled 04/07/25 11:08 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-54 S27-2.5 [Soil] Sampled 04/07/25 11:15 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-55 S28-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-56 S28-2.5 [Soil] Sampled 04/07/25 12:45 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-57 S29-1.0 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-58 S29-2.5 [Soil] Sampled 04/07/25 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-59 S30-1.0 [Soil] Sampled 04/07/25 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-60 S30-2.5 [Soil] Sampled 04/07/25 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-61 S31-1.0 [Soil] Sampled 04/07/25 09:02 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-62 S31-2.5 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-63 S32-1.0 [Soil] Sampled 04/07/25 09:08 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:08	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:08	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:08	
8082 PCB	04/16/25 15:00	5	04/21/25 09:08	
8260	04/16/25 15:00	5	04/21/25 09:08	
8270C	04/16/25 15:00	5	04/21/25 09:08	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:08	
Dry Weight	04/16/25 15:00	5	04/14/25 09:08	
T251615-64 S32-2.5 [Soil] Sampled 04/07/25 09:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:05	
8082 PCB	04/16/25 15:00	5	04/21/25 09:05	
8260	04/16/25 15:00	5	04/21/25 09:05	
8270C	04/16/25 15:00	5	04/21/25 09:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:05	
Dry Weight	04/16/25 15:00	5	04/14/25 09:05	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-65 S33-1.0 [Soil] Sampled 04/07/25 09:18 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-66 S33-2.5 [Soil] Sampled 04/07/25 09:15 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-67 S34-1.0 [Soil] Sampled 04/07/25 08:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-68 S34-2.5 [Soil] Sampled 04/07/25 08:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-69 S35-1.0 [Soil] Sampled 04/07/25 08:30 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-70 S35-2.5 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-71 S36-1.0 [Soil] Sampled 04/07/25 10:28 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-72 S36-2.5 [Soil] Sampled 04/07/25 10:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-73 S37-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-74 S37-2.5 [Soil] Sampled 04/07/25 12:34 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-75 S38-1.0 [Soil] Sampled 04/07/25 12:22 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-76 S38-2.5 [Soil] Sampled 04/07/25 12:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-77 S39-1.0 [Soil] Sampled 04/07/25 12:30 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:30	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:30	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:30	
8082 PCB	04/16/25 15:00	5	04/21/25 12:30	
8260	04/16/25 15:00	5	04/21/25 12:30	
8270C	04/16/25 15:00	5	04/21/25 12:30	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:30	
Dry Weight	04/16/25 15:00	5	04/14/25 12:30	
T251615-78 S39-2.5 [Soil] Sampled 04/07/25 12:29 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:29	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:29	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:29	
8082 PCB	04/16/25 15:00	5	04/21/25 12:29	
8260	04/16/25 15:00	5	04/21/25 12:29	
8270C	04/16/25 15:00	5	04/21/25 12:29	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:29	
Dry Weight	04/16/25 15:00	5	04/14/25 12:29	
T251615-79 S40-1.0 [Soil] Sampled 04/07/25 11:40 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:40	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:40	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:40	
8082 PCB	04/16/25 15:00	5	04/21/25 11:40	
8260	04/16/25 15:00	5	04/21/25 11:40	
8270C	04/16/25 15:00	5	04/21/25 11:40	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:40	
Dry Weight	04/16/25 15:00	5	04/14/25 11:40	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-80 S40-2.5 [Soil] Sampled 04/07/25 11:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:38	
8082 PCB	04/16/25 15:00	5	04/21/25 11:38	
8260	04/16/25 15:00	5	04/21/25 11:38	
8270C	04/16/25 15:00	5	04/21/25 11:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:38	
Dry Weight	04/16/25 15:00	5	04/14/25 11:38	
T251615-81 S42-1.0 [Soil] Sampled 04/07/25 12:41 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:41	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:41	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:41	
8082 PCB	04/16/25 15:00	5	04/21/25 12:41	
8260	04/16/25 15:00	5	04/21/25 12:41	
8270C	04/16/25 15:00	5	04/21/25 12:41	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:41	
Dry Weight	04/16/25 15:00	5	04/14/25 12:41	
T251615-82 S42-2.5 [Soil] Sampled 04/07/25 12:44 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:44	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:44	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:44	
8082 PCB	04/16/25 15:00	5	04/21/25 12:44	
8260	04/16/25 15:00	5	04/21/25 12:44	
8270C	04/16/25 15:00	5	04/21/25 12:44	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:44	
Dry Weight	04/16/25 15:00	5	04/14/25 12:44	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-83 S43-1.0 [Soil] Sampled 04/07/25 13:00 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:00	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:00	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:00	
8082 PCB	04/16/25 15:00	5	04/21/25 13:00	
8260	04/16/25 15:00	5	04/21/25 13:00	
8270C	04/16/25 15:00	5	04/21/25 13:00	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:00	
Dry Weight	04/16/25 15:00	5	04/14/25 13:00	
T251615-84 S43-2.5 [Soil] Sampled 04/07/25 13:12 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:12	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:12	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:12	
8082 PCB	04/16/25 15:00	5	04/21/25 13:12	
8260	04/16/25 15:00	5	04/21/25 13:12	
8270C	04/16/25 15:00	5	04/21/25 13:12	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:12	
Dry Weight	04/16/25 15:00	5	04/14/25 13:12	
T251615-85 S44-0.5 [Soil] Sampled 04/07/25 14:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	04/16/25 15:00	5	04/21/25 14:05	
Dry Weight	04/16/25 15:00	5	04/14/25 14:05	

Analysis groups included in this work order

6020 Title 22 + Hg 7471

7470/71 Hg	6020 Metals by ICP-MS

Reviewed By

Date

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: **Terracon -- Sacramento** **Project Manager:** **Jeff Lee**
Project: **Frank Otis Elementary School** **Project Number:** **NA247141**

Report To:
Terracon -- Sacramento
Sadie Bodiford
50 Goldenland Court, Suite 100
Sacramento, CA 95834

Date Due:	04/16/25 17:00 (5 day TAT)		
Received By:	Paul Berner	Date Received:	04/09/25 11:34
Logged In By:	Karina Ortiz	Date Logged In:	04/09/25 09:12

Samples Received at: **3.4°C**

Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirı	No		

Analysis	Due	TAT	Expires	Comments
T251615-01 S01-1.0 [Soil] Sampled 04/07/25 13:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-02 S01-2.5 [Soil] Sampled 04/07/25 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-03 S02-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:45	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:45	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:45	
8082 PCB	04/16/25 15:00	5	04/21/25 14:45	
8260	04/16/25 15:00	5	04/21/25 14:45	
8270C	04/16/25 15:00	5	04/21/25 14:45	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:45	
Dry Weight	04/16/25 15:00	5	04/14/25 14:45	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-04 S02-2.5 [Soil] Sampled 04/07/25 14:50 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:50	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:50	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:50	
8082 PCB	04/16/25 15:00	5	04/21/25 14:50	
8260	04/16/25 15:00	5	04/21/25 14:50	
8270C	04/16/25 15:00	5	04/21/25 14:50	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:50	
Dry Weight	04/16/25 15:00	5	04/14/25 14:50	
T251615-05 S03-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-06 S03-2.5 [Soil] Sampled 04/07/25 14:47 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-07 S04-1.0 [Soil] Sampled 04/07/25 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-08 S04-2.5 [Soil] Sampled 04/07/25 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-09 S05-1.0 [Soil] Sampled 04/07/25 13:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-10 S05-2.5 [Soil] Sampled 04/07/25 14:38 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-11 S06-1.0 [Soil] Sampled 04/07/25 10:22 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-12 S06-2.5 [Soil] Sampled 04/07/25 10:19 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-13 S07-1.0 [Soil] Sampled 04/07/25 10:16 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-14 S07-2.5 [Soil] Sampled 04/07/25 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-15 S08-1.0 [Soil] Sampled 04/07/25 09:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:38	
8082 PCB	04/16/25 15:00	5	04/21/25 09:38	
8260	04/16/25 15:00	5	04/21/25 09:38	
8270C	04/16/25 15:00	5	04/21/25 09:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:38	
Dry Weight	04/16/25 15:00	5	04/14/25 09:38	
T251615-16 S08-2.5 [Soil] Sampled 04/07/25 09:37 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:37	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:37	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:37	
8082 PCB	04/16/25 15:00	5	04/21/25 09:37	
8260	04/16/25 15:00	5	04/21/25 09:37	
8270C	04/16/25 15:00	5	04/21/25 09:37	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:37	
Dry Weight	04/16/25 15:00	5	04/14/25 09:37	
T251615-17 S09-1.0 [Soil] Sampled 04/07/25 09:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-18 S09-2.5 [Soil] Sampled 04/07/25 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-19 S10-1.0 [Soil] Sampled 04/07/25 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-20 S10-2.5 [Soil] Sampled 04/07/25 10:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-21 S11-1.0 [Soil] Sampled 04/07/25 10:36 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-22 S11-2.5 [Soil] Sampled 04/07/25 10:32 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-23 S12-1.0 [Soil] Sampled 04/07/25 10:40 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-24 S12-2.5 [Soil] Sampled 04/07/25 10:38 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-25 S13-1.0 [Soil] Sampled 04/07/25 11:12 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-26 S13-2.5 [Soil] Sampled 04/07/25 11:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-27 S14-1.0 [Soil] Sampled 04/07/25 11:23 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-28 S14-2.5 [Soil] Sampled 04/07/25 11:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-29 S15-1.0 [Soil] Sampled 04/07/25 12:06 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:06	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:06	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:06	
8082 PCB	04/16/25 15:00	5	04/21/25 12:06	
8260	04/16/25 15:00	5	04/21/25 12:06	
8270C	04/16/25 15:00	5	04/21/25 12:06	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:06	
Dry Weight	04/16/25 15:00	5	04/14/25 12:06	
T251615-30 S15-2.5 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:05	
8082 PCB	04/16/25 15:00	5	04/21/25 12:05	
8260	04/16/25 15:00	5	04/21/25 12:05	
8270C	04/16/25 15:00	5	04/21/25 12:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:05	
Dry Weight	04/16/25 15:00	5	04/14/25 12:05	
T251615-31 S16-1.0 [Soil] Sampled 04/07/25 11:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-32 S16-2.5 [Soil] Sampled 04/07/25 11:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-33 S17-1.0 [Soil] Sampled 04/07/25 12:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-34 S17-2.5 [Soil] Sampled 04/07/25 11:58 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-35 S18-1.0 [Soil] Sampled 04/07/25 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-36 S18-2.5 [Soil] Sampled 04/07/25 14:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-37 S19-1.0 [Soil] Sampled 04/07/25 09:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-38 S19-2.5 [Soil] Sampled 04/07/25 09:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-39 S20-1.0 [Soil] Sampled 04/07/25 09:47 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-40 S20-2.5 [Soil] Sampled 04/07/25 09:59 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-41 S21-1.0 [Soil] Sampled 04/07/25 10:21 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-42 S21-2.5 [Soil] Sampled 04/07/25 10:29 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-43 S22-1.0 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-44 S22-2.5 [Soil] Sampled 04/07/25 08:48 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-45 S23-1.0 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-46 S23-2.5 [Soil] Sampled 04/07/25 09:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-47 S24-1.0 [Soil] Sampled 04/07/25 13:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-48 S24-2.5 [Soil] Sampled 04/07/25 13:30 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-49 S25-1.0 [Soil] Sampled 04/07/25 11:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-50 S25-2.5 [Soil] Sampled 04/07/25 11:42 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-51 S26-1.0 [Soil] Sampled 04/07/25 10:50 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-52 S26-2.5 [Soil] Sampled 04/07/25 11:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-53 S27-1.0 [Soil] Sampled 04/07/25 11:08 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-54 S27-2.5 [Soil] Sampled 04/07/25 11:15 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-55 S28-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-56 S28-2.5 [Soil] Sampled 04/07/25 12:45 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-57 S29-1.0 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-58 S29-2.5 [Soil] Sampled 04/07/25 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-59 S30-1.0 [Soil] Sampled 04/07/25 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-60 S30-2.5 [Soil] Sampled 04/07/25 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-61 S31-1.0 [Soil] Sampled 04/07/25 09:02 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-62 S31-2.5 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-63 S32-1.0 [Soil] Sampled 04/07/25 09:08 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:08	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:08	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:08	
8082 PCB	04/16/25 15:00	5	04/21/25 09:08	
8260	04/16/25 15:00	5	04/21/25 09:08	
8270C	04/16/25 15:00	5	04/21/25 09:08	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:08	
Dry Weight	04/16/25 15:00	5	04/14/25 09:08	
T251615-64 S32-2.5 [Soil] Sampled 04/07/25 09:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:05	
8082 PCB	04/16/25 15:00	5	04/21/25 09:05	
8260	04/16/25 15:00	5	04/21/25 09:05	
8270C	04/16/25 15:00	5	04/21/25 09:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:05	
Dry Weight	04/16/25 15:00	5	04/14/25 09:05	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-65 S33-1.0 [Soil] Sampled 04/07/25 09:18 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-66 S33-2.5 [Soil] Sampled 04/07/25 09:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-67 S34-1.0 [Soil] Sampled 04/07/25 08:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-68 S34-2.5 [Soil] Sampled 04/07/25 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-69 S35-1.0 [Soil] Sampled 04/07/25 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-70 S35-2.5 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-71 S36-1.0 [Soil] Sampled 04/07/25 10:28 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 10:28	Lead Only
T251615-72 S36-2.5 [Soil] Sampled 04/07/25 10:25 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 10:25	Lead Only
T251615-73 S37-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:35	Lead Only
T251615-74 S37-2.5 [Soil] Sampled 04/07/25 12:34 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:34	Lead Only
T251615-75 S38-1.0 [Soil] Sampled 04/07/25 12:22 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:22	Lead Only

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-76 S38-2.5 [Soil] Sampled 04/07/25 12:20 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:20	Lead Only
T251615-77 S39-1.0 [Soil] Sampled 04/07/25 12:30 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:30	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:30	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:30	
8082 PCB	04/16/25 15:00	5	04/21/25 12:30	
8260	04/16/25 15:00	5	04/21/25 12:30	
8270C	04/16/25 15:00	5	04/21/25 12:30	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:30	
Dry Weight	04/16/25 15:00	5	04/14/25 12:30	
T251615-78 S39-2.5 [Soil] Sampled 04/07/25 12:29 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:29	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:29	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:29	
8082 PCB	04/16/25 15:00	5	04/21/25 12:29	
8260	04/16/25 15:00	5	04/21/25 12:29	
8270C	04/16/25 15:00	5	04/21/25 12:29	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:29	
Dry Weight	04/16/25 15:00	5	04/14/25 12:29	
T251615-79 S40-1.0 [Soil] Sampled 04/07/25 11:40 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:40	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:40	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:40	
8082 PCB	04/16/25 15:00	5	04/21/25 11:40	
8260	04/16/25 15:00	5	04/21/25 11:40	
8270C	04/16/25 15:00	5	04/21/25 11:40	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:40	
Dry Weight	04/16/25 15:00	5	04/14/25 11:40	

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WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-80 S40-2.5 [Soil] Sampled 04/07/25 11:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:38	
8082 PCB	04/16/25 15:00	5	04/21/25 11:38	
8260	04/16/25 15:00	5	04/21/25 11:38	
8270C	04/16/25 15:00	5	04/21/25 11:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:38	
Dry Weight	04/16/25 15:00	5	04/14/25 11:38	
T251615-81 S42-1.0 [Soil] Sampled 04/07/25 12:41 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:41	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:41	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:41	
8082 PCB	04/16/25 15:00	5	04/21/25 12:41	
8260	04/16/25 15:00	5	04/21/25 12:41	
8270C	04/16/25 15:00	5	04/21/25 12:41	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:41	
Dry Weight	04/16/25 15:00	5	04/14/25 12:41	
T251615-82 S42-2.5 [Soil] Sampled 04/07/25 12:44 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:44	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:44	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:44	
8082 PCB	04/16/25 15:00	5	04/21/25 12:44	
8260	04/16/25 15:00	5	04/21/25 12:44	
8270C	04/16/25 15:00	5	04/21/25 12:44	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:44	
Dry Weight	04/16/25 15:00	5	04/14/25 12:44	

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WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-83 S43-1.0 [Soil] Sampled 04/07/25 13:00 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:00	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:00	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:00	
8082 PCB	04/16/25 15:00	5	04/21/25 13:00	
8260	04/16/25 15:00	5	04/21/25 13:00	
8270C	04/16/25 15:00	5	04/21/25 13:00	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:00	
Dry Weight	04/16/25 15:00	5	04/14/25 13:00	
T251615-84 S43-2.5 [Soil] Sampled 04/07/25 13:12 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:12	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:12	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:12	
8082 PCB	04/16/25 15:00	5	04/21/25 13:12	
8260	04/16/25 15:00	5	04/21/25 13:12	
8270C	04/16/25 15:00	5	04/21/25 13:12	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:12	
Dry Weight	04/16/25 15:00	5	04/14/25 13:12	
T251615-85 S44-0.5 [Soil] Sampled 04/07/25 14:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	04/16/25 15:00	5	04/21/25 14:05	
Dry Weight	04/16/25 15:00	5	04/14/25 14:05	

Analysis groups included in this work order

6020 Title 22 + Hg 7471

7470/71 Hg	6020 Metals by ICP-MS

Reviewed By

Date

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Lake Forest, California 92630
949.297.5020 Phone
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02 May 2025

Sadie Bodiford
Terracon -- Sacramento
50 Goldenland Court, Suite 100
Sacramento, CA 95834

RE: Frank Otis Elementary School

Enclosed are the results of analyses for samples received by the laboratory on 04/09/25 11:34. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jeff Lee
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S10-1.0	T251615-19	Soil	04/07/25 10:10	04/09/25 11:34
S11-1.0	T251615-21	Soil	04/07/25 10:36	04/09/25 11:34
S12-1.0	T251615-23	Soil	04/07/25 10:40	04/09/25 11:34
S16-1.0	T251615-31	Soil	04/07/25 11:55	04/09/25 11:34
S17-1.0	T251615-33	Soil	04/07/25 12:00	04/09/25 11:34
S18-1.0	T251615-35	Soil	04/07/25 14:10	04/09/25 11:34
S22-2.5	T251615-44	Soil	04/07/25 08:48	04/09/25 11:34
S23-1.0	T251615-45	Soil	04/07/25 09:00	04/09/25 11:34
S24-1.0	T251615-47	Soil	04/07/25 13:25	04/09/25 11:34
S25-1.0	T251615-49	Soil	04/07/25 11:35	04/09/25 11:34
S26-1.0	T251615-51	Soil	04/07/25 10:50	04/09/25 11:34
S27-1.0	T251615-53	Soil	04/07/25 11:08	04/09/25 11:34
S31-1.0	T251615-61	Soil	04/07/25 09:02	04/09/25 11:34
S31-2.5	T251615-62	Soil	04/07/25 09:00	04/09/25 11:34
S33-1.0	T251615-65	Soil	04/07/25 09:18	04/09/25 11:34
S33-2.5	T251615-66	Soil	04/07/25 09:15	04/09/25 11:34

Per client's email request, 6020 Lead analysis has been added to all 6 samples that are associated with sample ID "S36", "S37", and "S38". JL 4/14/25

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

DETECTIONS SUMMARY

Sample ID: S10-1.0 **Laboratory ID:** T251615-19

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**130**	3.0	mg/kg	EPA 6010b	

Sample ID: S11-1.0 **Laboratory ID:** T251615-21

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**9.1**	3.0	mg/kg	EPA 6010b	

Sample ID: S12-1.0 **Laboratory ID:** T251615-23

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**7.3**	3.0	mg/kg	EPA 6010b	

Sample ID: S16-1.0 **Laboratory ID:** T251615-31

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**20**	3.0	mg/kg	EPA 6010b	

Sample ID: S17-1.0 **Laboratory ID:** T251615-33

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**53**	3.0	mg/kg	EPA 6010b	

Sample ID: S18-1.0 **Laboratory ID:** T251615-35

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**24**	3.0	mg/kg	EPA 6010b	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

Sample ID: S22-2.5 **Laboratory ID:** T251615-44

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**11**	3.0	mg/kg	EPA 6010b	

Sample ID: S23-1.0 **Laboratory ID:** T251615-45

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**14**	3.0	mg/kg	EPA 6010b	

Sample ID: S24-1.0 **Laboratory ID:** T251615-47

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**8.0**	3.0	mg/kg	EPA 6010b	

Sample ID: S25-1.0 **Laboratory ID:** T251615-49

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**4.8**	3.0	mg/kg	EPA 6010b	

Sample ID: S26-1.0 **Laboratory ID:** T251615-51

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**14**	3.0	mg/kg	EPA 6010b	

Sample ID: S27-1.0 **Laboratory ID:** T251615-53

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**98**	3.0	mg/kg	EPA 6010b	

Sample ID: S31-1.0 **Laboratory ID:** T251615-61

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**130**	3.0	mg/kg	EPA 6010b	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

Sample ID: S31-2.5 **Laboratory ID:** T251615-62

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**3.3**	3.0	mg/kg	EPA 6010b	

Sample ID: S33-1.0 **Laboratory ID:** T251615-65

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**21**	3.0	mg/kg	EPA 6010b	

Sample ID: S33-2.5 **Laboratory ID:** T251615-66

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**130**	3.0	mg/kg	EPA 6010b	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S10-1.0

T251615-19 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**130**	3.0	mg/kg	1	25D0430	04/24/25	04/30/25	EPA 6010b	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S11-1.0

T251615-21 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**9.1**	3.0	mg/kg	1	25D0430	04/24/25	04/30/25	EPA 6010b	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S12-1.0

T251615-23 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**7.3**	3.0	mg/kg	1	25D0430	04/24/25	04/30/25	EPA 6010b	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S16-1.0

T251615-31 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**20**	3.0	mg/kg	1	25D0430	04/24/25	04/30/25	EPA 6010b	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S17-1.0

T251615-33 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**53**	3.0	mg/kg	1	25D0430	04/24/25	04/30/25	EPA 6010b	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S18-1.0

T251615-35 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**24**	3.0	mg/kg	1	25D0430	04/24/25	04/30/25	EPA 6010b	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S22-2.5

T251615-44 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**11**	3.0	mg/kg	1	25D0430	04/24/25	04/30/25	EPA 6010b	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S23-1.0

T251615-45 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**14**	3.0	mg/kg	1	25D0437	04/25/25	04/29/25	EPA 6010b	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S24-1.0

T251615-47 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**8.0**	3.0	mg/kg	1	25D0437	04/25/25	04/29/25	EPA 6010b	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S25-1.0

T251615-49 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**4.8**	3.0	mg/kg	1	25D0437	04/25/25	04/29/25	EPA 6010b	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S26-1.0

T251615-51 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**14**	3.0	mg/kg	1	25D0437	04/25/25	04/29/25	EPA 6010b	

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Jeff Lee, Project Manager

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S27-1.0

T251615-53 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**98**	3.0	mg/kg	1	25D0437	04/25/25	04/29/25	EPA 6010b	

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S31-1.0

T251615-61 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**130**	3.0	mg/kg	1	25D0437	04/25/25	04/29/25	EPA 6010b	

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

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Lake Forest, California 92630
949.297.5020 Phone
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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S31-2.5

T251615-62 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**3.3**	3.0	mg/kg	1	25D0437	04/25/25	04/29/25	EPA 6010b	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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949.297.5020 Phone
949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S33-1.0

T251615-65 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**21**	3.0	mg/kg	1	25D0437	04/25/25	04/29/25	EPA 6010b	

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

S33-2.5

T251615-66 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**130**	3.0	mg/kg	1	25D0437	04/25/25	04/29/25	EPA 6010b	

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0430 - EPA 3050B										
Blank (25D0430-BLK1)				Prepared: 04/24/25 Analyzed: 04/30/25						
Lead	ND	3.0	mg/kg							
LCS (25D0430-BS1)				Prepared: 04/24/25 Analyzed: 04/30/25						
Lead	103	3.0	mg/kg	100		103	75-125			
Matrix Spike (25D0430-MS1)	**Source: T251846-01**			Prepared: 04/24/25 Analyzed: 04/30/25						
Lead	84.2	3.0	mg/kg	100	9.05	75.2	75-125			
Matrix Spike Dup (25D0430-MSD1)	**Source: T251846-01**			Prepared: 04/24/25 Analyzed: 04/30/25						
Lead	82.5	3.0	mg/kg	100	9.05	73.5	75-125	2.06	20	QM-07
Batch 25D0437 - EPA 3050B										
Blank (25D0437-BLK1)				Prepared: 04/25/25 Analyzed: 04/29/25						
Lead	ND	3.0	mg/kg							
LCS (25D0437-BS1)				Prepared: 04/25/25 Analyzed: 04/29/25						
Lead	97.6	3.0	mg/kg	100		97.6	75-125			
Matrix Spike (25D0437-MS1)	**Source: T251857-01**			Prepared: 04/25/25 Analyzed: 04/29/25						
Lead	73.0	3.0	mg/kg	100	1.50	71.5	75-125			QM-07
Matrix Spike Dup (25D0437-MSD1)	**Source: T251857-01**			Prepared: 04/25/25 Analyzed: 04/29/25						
Lead	72.2	3.0	mg/kg	100	1.50	70.7	75-125	1.06	20	QM-07

SunStar Laboratories, Inc.

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	05/02/25 12:47

Notes and Definitions

QM-07	The spike recovery and/or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

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T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)
Page 1 of 10

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner	TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
01	S	4/7/25	13:40		X	S01-1.0	0.5	1.0	1									
02	S	4/7/25	13:50		X	S01-2.5	2.0	2.5	1									
03	S	4/7/25	14:45		X	S02-1.0	0.5	1.0	1		X	X	X	X	X	X	X	
04	S	4/7/25	14:50		X	S02-2.5	2.0	2.5	1		X	X	X	X	X	X	X	
05	S	4/7/25	14:45		X	S03-1.0	0.5	1.0	1									
06	S	4/7/25	14:47		X	S03-2.5	2.0	2.5	1									
07	S	4/7/25	14:30		X	S04-1.0	0.5	1.0	1									
08	S	4/7/25	14:35		X	S04-2.5	2.0	2.5	1									
09	S	4/7/25	13:55		X	S05-1.0	0.5	1.0	1									
10	S	4/7/25	14:38		X	S05-2.5	2.0	2.5	1									

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	ED Stevens	4/8/25	930
ED Stevens	4/8/25	1545	GLS/Matthew		
GLS	4/9/25	11:34	Paul Dunn	4/9/25	11:34

NOTES:
1. Report on a dry-weight basis
2. Composite sampling directions provided on page 10.
3. Provide EDD with PDF Report
4. Report results to:
   sadie.bodiford@terracon.com
   joe.rosenbery@terracon.com
   tony.mikacich@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°C

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
11	S	4/7/25	10:22		X	S06-1.0	0.5	1.0		1										
12	S	4/7/25	10:19		X	S06-2.5	2.0	2.5		1										
13	S	4/7/25	10:16		X	S07-1.0	0.5	1.0		1										
14	S	4/7/25	10:15		X	S07-2.5	2.0	2.5		1										
15	S	4/7/25	9:38		X	S08-1.0	0.5	1.0		1			X	X	X	X	X	X		
16	S	4/7/25	9:37		X	S08-2.5	2.0	2.5		1			X	X	X	X	X	X		
17	S	4/7/25	9:53		X	S09-1.0	0.5	1.0		1										
18	S	4/7/25	9:50		X	S09-2.5	2.0	2.5		1										
19	S	4/7/25	10:10		X	S10-1.0	0.5	1.0		1										
20	S	4/7/25	10:05		X	S10-2.5	2.0	2.5		1										

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	04/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthews		
GLS			Pat Penn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)
Page 3 of 10

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
21	S	4/7/25	10:36		X	S11-1.0	0.5	1.0		1										
22	S	4/7/25	10:32		X	S11-2.5	2.0	2.5		1										
23	S	4/7/25	10:40		X	S12-1.0	0.5	1.0		1										
24	S	4/7/25	10:38		X	S12-2.5	2.0	2.5		1										
25	S	4/7/25	11:12		X	S13-1.0	0.5	1.0		1										
26	S	4/7/25	11:10		X	S13-2.5	2.0	2.5		1										
27	S	4/7/25	11:23		X	S14-1.0	0.5	1.0		1										
28	S	4/7/25	11:20		X	S14-2.5	2.0	2.5		1										
29	S	4/7/25	12:06		X	S15-1.0	0.5	1.0		1			X	X	X	X	X	X		
30	S	4/7/25	12:05		X	S15-2.5	2.0	2.5		1			X	X	X	X	X	X		

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Paul Dunn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
31	S	4/7/25	11:55		X	S16-1.0	0.5	1.0		1										
32	S	4/7/25	11:53		X	S16-2.5	2.0	2.5		1										
33	S	4/7/25	12:00		X	S17-1.0	0.5	1.0		1										
34	S	4/7/25	11:58		X	S17-2.5	2.0	2.5		1										
35	S	4/7/25	14:10		X	S18-1.0	0.5	1.0	1											
36	S	4/7/25	14:20		X	S18-2.5	2.0	2.5	1											
37	S	4/7/25	9:25		X	S19-1.0	0.5	1.0	1											
38	S	4/7/25	9:35		X	S19-2.5	2.0	2.5	1											
39	S	4/7/25	9:47		X	S20-1.0	0.5	1.0	1											
40	S	4/7/25	9:59		X	S20-2.5	2.0	2.5	1											

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthews		
GLS			Paul Burn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°C

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

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DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
41	S	4/7/25	10:21		X	S21-1.0	0.5	1.0	1											
42	S	4/7/25	10:29		X	S21-2.5	2.0	2.5	1											
43	S	4/7/25	8:35		X	S22-1.0	0.5	1.0	1											
44	S	4/7/25	8:48		X	S22-2.5	2.0	2.5	1											
45	S	4/7/25	9:00		X	S23-1.0	0.5	1.0	1											
46	S	4/7/25	9:10		X	S23-2.5	2.0	2.5	1											
47	S	4/7/25	13:25		X	S24-1.0	0.5	1.0	1											
48	S	4/7/25	13:30		X	S24-2.5	2.0	2.5	1											
49	S	4/7/25	11:35		X	S25-1.0	0.5	1.0	1											
50	S	4/7/25	11:42		X	S25-2.5	2.0	2.5	1											

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Paul Bruno	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T2518615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)
Page 6 of 10

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
S1	S	4/7/25	10:50		X	S26-1.0	0.5	1.0	1											
S2	S	4/7/25	11:00		X	S26-2.5	2.0	2.5	1											
S3	S	4/7/25	11:08		X	S27-1.0	0.5	1.0	1											
S4	S	4/7/25	11:15		X	S27-2.5	2.0	2.5	1											
S5	S	4/7/25	12:35		X	S28-1.0	0.5	1.0	1											
S6	S	4/7/25	12:45		X	S28-2.5	2.0	2.5	1											
S7	S	4/7/25	12:05		X	S29-1.0	0.5	1.0	1											
S8	S	4/7/25	12:15		X	S29-2.5	2.0	2.5	1											
S9	S	4/7/25	8:40		X	S30-1.0	0.5	1.0		1										
60	S	4/7/25	8:45		X	S30-2.5	2.0	2.5		1										

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Rel Hunn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

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DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
61	S	4/7/25	9:02		X	S31-1.0	0.5	1.0		1										
62	S	4/7/25	9:00		X	S31-2.5	2.0	2.5		1										
63	S	4/7/25	9:08		X	S32-1.0	0.5	1.0		1			X	X	X	X	X	X		
64	S	4/7/25	9:05		X	S32-2.5	2.0	2.5		1			X	X	X	X	X	X		
65	S	4/7/25	9:18		X	S33-1.0	0.5	1.0		1										
66	S	4/7/25	9:15		X	S33-2.5	2.0	2.5		1										
67	S	4/7/25	8:20		X	S34-1.0	0.5	1.0		1										
68	S	4/7/25	8:25		X	S34-2.5	2.0	2.5		1										
69	S	4/7/25	8:30		X	S35-1.0	0.5	1.0	1											
70	S	4/7/25	8:35		X	S35-2.5	2.0	2.5	1											

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS				4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
71	S	4/7/25	10:28		X	S36-1.0	0.5	1.0		1										
72	S	4/7/25	10:25		X	S36-2.5	2.0	2.5		1										
73	S	4/7/25	12:35		X	S37-1.0	0.5	1.0		1										
74	S	4/7/25	12:34		X	S37-2.5	2.0	2.5		1										
75	S	4/7/25	12:22		X	S38-1.0	0.5	1.0		1										
76	S	4/7/25	12:20		X	S38-2.5	2.0	2.5		1										
77	S	4/7/25	12:30		X	S39-1.0	0.5	1.0		1			X	X	X	X	X	X		
78	S	4/7/25	12:29		X	S39-2.5	2.0	2.5		1			X	X	X	X	X	X		
79	S	4/7/25	11:40		X	S40-1.0	0.5	1.0		1			X	X	X	X	X	X		
80	S	4/7/25	11:38		X	S40-2.5	2.0	2.5		1			X	X	X	X	X	X		* ACTUALLY jars, not Liners

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Paul Dunn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	PCBs (8082)	Lab Sample ID
81	S	4/7/25	12:41		X	S42-1.0	0.5	1.0	1				X	X	X	X	X	X		
82	S	4/7/25	12:44		X	S42-2.5	2.0	2.5	1				X	X	X	X	X	X		
83	S	4/7/25	13:00		X	S43-1.0	0.5	1.0	1				X	X	X	X	X	X		
84	S	4/7/25	13:12		X	S43-2.5	2.0	2.5	1				X	X	X	X	X	X		
85	S	4/7/25	14:05		X	S44-0.5	0	0.5	1										X	

TURNAROUND TIME: [X] Normal [ ] 48-Hour Rush [ ] 24-Hour Rush
TRRP Laboratory Review Checklist [ ] Yes [ ] No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Pat Flynn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

GLS.

800-322-5555
www.gls-us.com

Ship From
SUN STAR LABS
WEST SACRAMENTO OFFICE
3140 BEACON BLVD
SUITE A
WEST SACRAMENTO, CA 95691

Ship To
SUNSTAR LABORATORIES-SOUTH
SAMPLE RECEIVING
25712 COMMERCENTRE DR.
LAKE FOREST, CA 92630

COD: $0.00
Weight: 0 lb(s)
Reference:

Delivery Instructions:

Signature Type: NOT REQUIRED

Tracking #: 562772365

PDS

LAKE FOREST

S16025E

28094269

NWK CA906-GD0

Print Date: 3/18/2025 12:18 PM

Package 2 of 25

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

Receiving Form 001A

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T251615

Client Name: Terracon-Sacramento Project: Frank Otis Elementary School

Delivered by: ☐ Client ☐ SunStar Courier ☒ GLS ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: Paul Date/Time Lab Received: 4/9/25 11:34

Total number of coolers received: 1 Thermometer ID: SC-1 Calibration due: 11/19/2025

Temperature: Cooler #1	3.3 °C +/- the CF (+ 0.1°C)	=	3.4	°C corrected temperature
Temperature: Cooler #2	°C +/- the CF (+ 0.1°C)	=		°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (+ 0.1°C)	=		°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☒ **Yes** ☐ **No** ☐ **N/A**
If NO:		
Samples received on ice?	☐ Yes	☐ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	☒ Yes	☐ No*	☐ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: KO 4/9/25

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Report To:

Terracon -- Sacramento
Sadie Bodiford
50 Goldenland Court, Suite 100
Sacramento, CA 95834

Date Due:	04/16/25 17:00 (5 day TAT)		
Received By:	Paul Berner	Date Received:	04/09/25 11:34
Logged In By:	Karina Ortiz	Date Logged In:	04/09/25 09:12

Samples Received at:	**3.4°C**		
Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirme	No		

Analysis	Due	TAT	Expires	Comments
T251615-01 S01-1.0 [Soil] Sampled 04/07/25 13:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-02 S01-2.5 [Soil] Sampled 04/07/25 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-03 S02-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:45	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:45	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:45	
8082 PCB	04/16/25 15:00	5	04/21/25 14:45	
8260	04/16/25 15:00	5	04/21/25 14:45	
8270C	04/16/25 15:00	5	04/21/25 14:45	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:45	
Dry Weight	04/16/25 15:00	5	04/14/25 14:45	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-04 S02-2.5 [Soil] Sampled 04/07/25 14:50 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:50	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:50	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:50	
8082 PCB	04/16/25 15:00	5	04/21/25 14:50	
8260	04/16/25 15:00	5	04/21/25 14:50	
8270C	04/16/25 15:00	5	04/21/25 14:50	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:50	
Dry Weight	04/16/25 15:00	5	04/14/25 14:50	
T251615-05 S03-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-06 S03-2.5 [Soil] Sampled 04/07/25 14:47 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-07 S04-1.0 [Soil] Sampled 04/07/25 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-08 S04-2.5 [Soil] Sampled 04/07/25 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-09 S05-1.0 [Soil] Sampled 04/07/25 13:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-10 S05-2.5 [Soil] Sampled 04/07/25 14:38 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-11 S06-1.0 [Soil] Sampled 04/07/25 10:22 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-12 S06-2.5 [Soil] Sampled 04/07/25 10:19 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-13 S07-1.0 [Soil] Sampled 04/07/25 10:16 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-14 S07-2.5 [Soil] Sampled 04/07/25 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-15 S08-1.0 [Soil] Sampled 04/07/25 09:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:38	
8082 PCB	04/16/25 15:00	5	04/21/25 09:38	
8260	04/16/25 15:00	5	04/21/25 09:38	
8270C	04/16/25 15:00	5	04/21/25 09:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:38	
Dry Weight	04/16/25 15:00	5	04/14/25 09:38	
T251615-16 S08-2.5 [Soil] Sampled 04/07/25 09:37 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:37	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:37	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:37	
8082 PCB	04/16/25 15:00	5	04/21/25 09:37	
8260	04/16/25 15:00	5	04/21/25 09:37	
8270C	04/16/25 15:00	5	04/21/25 09:37	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:37	
Dry Weight	04/16/25 15:00	5	04/14/25 09:37	
T251615-17 S09-1.0 [Soil] Sampled 04/07/25 09:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-18 S09-2.5 [Soil] Sampled 04/07/25 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-19 S10-1.0 [Soil] Sampled 04/07/25 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-20 S10-2.5 [Soil] Sampled 04/07/25 10:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-21 S11-1.0 [Soil] Sampled 04/07/25 10:36 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-22 S11-2.5 [Soil] Sampled 04/07/25 10:32 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-23 S12-1.0 [Soil] Sampled 04/07/25 10:40 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-24 S12-2.5 [Soil] Sampled 04/07/25 10:38 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-25 S13-1.0 [Soil] Sampled 04/07/25 11:12 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-26 S13-2.5 [Soil] Sampled 04/07/25 11:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-27 S14-1.0 [Soil] Sampled 04/07/25 11:23 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-28 S14-2.5 [Soil] Sampled 04/07/25 11:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-29 S15-1.0 [Soil] Sampled 04/07/25 12:06 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:06	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:06	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:06	
8082 PCB	04/16/25 15:00	5	04/21/25 12:06	
8260	04/16/25 15:00	5	04/21/25 12:06	
8270C	04/16/25 15:00	5	04/21/25 12:06	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:06	
Dry Weight	04/16/25 15:00	5	04/14/25 12:06	
T251615-30 S15-2.5 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:05	
8082 PCB	04/16/25 15:00	5	04/21/25 12:05	
8260	04/16/25 15:00	5	04/21/25 12:05	
8270C	04/16/25 15:00	5	04/21/25 12:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:05	
Dry Weight	04/16/25 15:00	5	04/14/25 12:05	
T251615-31 S16-1.0 [Soil] Sampled 04/07/25 11:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-32 S16-2.5 [Soil] Sampled 04/07/25 11:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-33 S17-1.0 [Soil] Sampled 04/07/25 12:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-34 S17-2.5 [Soil] Sampled 04/07/25 11:58 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-35 S18-1.0 [Soil] Sampled 04/07/25 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-36 S18-2.5 [Soil] Sampled 04/07/25 14:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-37 S19-1.0 [Soil] Sampled 04/07/25 09:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-38 S19-2.5 [Soil] Sampled 04/07/25 09:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-39 S20-1.0 [Soil] Sampled 04/07/25 09:47 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-40 S20-2.5 [Soil] Sampled 04/07/25 09:59 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-41 S21-1.0 [Soil] Sampled 04/07/25 10:21 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-42 S21-2.5 [Soil] Sampled 04/07/25 10:29 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-43 S22-1.0 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-44 S22-2.5 [Soil] Sampled 04/07/25 08:48 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-45 S23-1.0 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-46 S23-2.5 [Soil] Sampled 04/07/25 09:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-47 S24-1.0 [Soil] Sampled 04/07/25 13:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-48 S24-2.5 [Soil] Sampled 04/07/25 13:30 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-49 S25-1.0 [Soil] Sampled 04/07/25 11:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-50 S25-2.5 [Soil] Sampled 04/07/25 11:42 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-51 S26-1.0 [Soil] Sampled 04/07/25 10:50 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-52 S26-2.5 [Soil] Sampled 04/07/25 11:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-53 S27-1.0 [Soil] Sampled 04/07/25 11:08 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-54 S27-2.5 [Soil] Sampled 04/07/25 11:15 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-55 S28-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-56 S28-2.5 [Soil] Sampled 04/07/25 12:45 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-57 S29-1.0 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-58 S29-2.5 [Soil] Sampled 04/07/25 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-59 S30-1.0 [Soil] Sampled 04/07/25 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-60 S30-2.5 [Soil] Sampled 04/07/25 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-61 S31-1.0 [Soil] Sampled 04/07/25 09:02 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-62 S31-2.5 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-63 S32-1.0 [Soil] Sampled 04/07/25 09:08 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:08	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:08	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:08	
8082 PCB	04/16/25 15:00	5	04/21/25 09:08	
8260	04/16/25 15:00	5	04/21/25 09:08	
8270C	04/16/25 15:00	5	04/21/25 09:08	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:08	
Dry Weight	04/16/25 15:00	5	04/14/25 09:08	
T251615-64 S32-2.5 [Soil] Sampled 04/07/25 09:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:05	
8082 PCB	04/16/25 15:00	5	04/21/25 09:05	
8260	04/16/25 15:00	5	04/21/25 09:05	
8270C	04/16/25 15:00	5	04/21/25 09:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:05	
Dry Weight	04/16/25 15:00	5	04/14/25 09:05	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-65 S33-1.0 [Soil] Sampled 04/07/25 09:18 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-66 S33-2.5 [Soil] Sampled 04/07/25 09:15 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-67 S34-1.0 [Soil] Sampled 04/07/25 08:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-68 S34-2.5 [Soil] Sampled 04/07/25 08:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-69 S35-1.0 [Soil] Sampled 04/07/25 08:30 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-70 S35-2.5 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-71 S36-1.0 [Soil] Sampled 04/07/25 10:28 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-72 S36-2.5 [Soil] Sampled 04/07/25 10:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-73 S37-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-74 S37-2.5 [Soil] Sampled 04/07/25 12:34 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-75 S38-1.0 [Soil] Sampled 04/07/25 12:22 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-76 S38-2.5 [Soil] Sampled 04/07/25 12:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-77 S39-1.0 [Soil] Sampled 04/07/25 12:30 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:30	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:30	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:30	
8082 PCB	04/16/25 15:00	5	04/21/25 12:30	
8260	04/16/25 15:00	5	04/21/25 12:30	
8270C	04/16/25 15:00	5	04/21/25 12:30	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:30	
Dry Weight	04/16/25 15:00	5	04/14/25 12:30	
T251615-78 S39-2.5 [Soil] Sampled 04/07/25 12:29 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:29	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:29	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:29	
8082 PCB	04/16/25 15:00	5	04/21/25 12:29	
8260	04/16/25 15:00	5	04/21/25 12:29	
8270C	04/16/25 15:00	5	04/21/25 12:29	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:29	
Dry Weight	04/16/25 15:00	5	04/14/25 12:29	
T251615-79 S40-1.0 [Soil] Sampled 04/07/25 11:40 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:40	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:40	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:40	
8082 PCB	04/16/25 15:00	5	04/21/25 11:40	
8260	04/16/25 15:00	5	04/21/25 11:40	
8270C	04/16/25 15:00	5	04/21/25 11:40	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:40	
Dry Weight	04/16/25 15:00	5	04/14/25 11:40	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-80 S40-2.5 [Soil] Sampled 04/07/25 11:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:38	
8082 PCB	04/16/25 15:00	5	04/21/25 11:38	
8260	04/16/25 15:00	5	04/21/25 11:38	
8270C	04/16/25 15:00	5	04/21/25 11:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:38	
Dry Weight	04/16/25 15:00	5	04/14/25 11:38	
T251615-81 S42-1.0 [Soil] Sampled 04/07/25 12:41 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:41	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:41	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:41	
8082 PCB	04/16/25 15:00	5	04/21/25 12:41	
8260	04/16/25 15:00	5	04/21/25 12:41	
8270C	04/16/25 15:00	5	04/21/25 12:41	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:41	
Dry Weight	04/16/25 15:00	5	04/14/25 12:41	
T251615-82 S42-2.5 [Soil] Sampled 04/07/25 12:44 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:44	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:44	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:44	
8082 PCB	04/16/25 15:00	5	04/21/25 12:44	
8260	04/16/25 15:00	5	04/21/25 12:44	
8270C	04/16/25 15:00	5	04/21/25 12:44	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:44	
Dry Weight	04/16/25 15:00	5	04/14/25 12:44	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-83 S43-1.0 [Soil] Sampled 04/07/25 13:00 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:00	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:00	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:00	
8082 PCB	04/16/25 15:00	5	04/21/25 13:00	
8260	04/16/25 15:00	5	04/21/25 13:00	
8270C	04/16/25 15:00	5	04/21/25 13:00	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:00	
Dry Weight	04/16/25 15:00	5	04/14/25 13:00	
T251615-84 S43-2.5 [Soil] Sampled 04/07/25 13:12 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:12	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:12	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:12	
8082 PCB	04/16/25 15:00	5	04/21/25 13:12	
8260	04/16/25 15:00	5	04/21/25 13:12	
8270C	04/16/25 15:00	5	04/21/25 13:12	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:12	
Dry Weight	04/16/25 15:00	5	04/14/25 13:12	
T251615-85 S44-0.5 [Soil] Sampled 04/07/25 14:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	04/16/25 15:00	5	04/21/25 14:05	
Dry Weight	04/16/25 15:00	5	04/14/25 14:05	

Analysis groups included in this work order

6020 Title 22 + Hg 7471

7470/71 Hg	6020 Metals by ICP-MS

Reviewed By

Date

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Report To:
Terracon -- Sacramento
Sadie Bodiford
50 Goldenland Court, Suite 100
Sacramento, CA 95834

Date Due:	04/16/25 17:00 (5 day TAT)		
Received By:	Paul Berner	Date Received:	04/09/25 11:34
Logged In By:	Karina Ortiz	Date Logged In:	04/09/25 09:12

Samples Received at: **3.4°C**

Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirı	No		

Analysis	Due	TAT	Expires	Comments
T251615-01 S01-1.0 [Soil] Sampled 04/07/25 13:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-02 S01-2.5 [Soil] Sampled 04/07/25 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-03 S02-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:45	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:45	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:45	
8082 PCB	04/16/25 15:00	5	04/21/25 14:45	
8260	04/16/25 15:00	5	04/21/25 14:45	
8270C	04/16/25 15:00	5	04/21/25 14:45	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:45	
Dry Weight	04/16/25 15:00	5	04/14/25 14:45	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-04 S02-2.5 [Soil] Sampled 04/07/25 14:50 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:50	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:50	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:50	
8082 PCB	04/16/25 15:00	5	04/21/25 14:50	
8260	04/16/25 15:00	5	04/21/25 14:50	
8270C	04/16/25 15:00	5	04/21/25 14:50	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:50	
Dry Weight	04/16/25 15:00	5	04/14/25 14:50	
T251615-05 S03-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-06 S03-2.5 [Soil] Sampled 04/07/25 14:47 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-07 S04-1.0 [Soil] Sampled 04/07/25 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-08 S04-2.5 [Soil] Sampled 04/07/25 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-09 S05-1.0 [Soil] Sampled 04/07/25 13:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-10 S05-2.5 [Soil] Sampled 04/07/25 14:38 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-11 S06-1.0 [Soil] Sampled 04/07/25 10:22 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-12 S06-2.5 [Soil] Sampled 04/07/25 10:19 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-13 S07-1.0 [Soil] Sampled 04/07/25 10:16 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-14 S07-2.5 [Soil] Sampled 04/07/25 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-15 S08-1.0 [Soil] Sampled 04/07/25 09:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:38	
8082 PCB	04/16/25 15:00	5	04/21/25 09:38	
8260	04/16/25 15:00	5	04/21/25 09:38	
8270C	04/16/25 15:00	5	04/21/25 09:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:38	
Dry Weight	04/16/25 15:00	5	04/14/25 09:38	
T251615-16 S08-2.5 [Soil] Sampled 04/07/25 09:37 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:37	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:37	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:37	
8082 PCB	04/16/25 15:00	5	04/21/25 09:37	
8260	04/16/25 15:00	5	04/21/25 09:37	
8270C	04/16/25 15:00	5	04/21/25 09:37	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:37	
Dry Weight	04/16/25 15:00	5	04/14/25 09:37	
T251615-17 S09-1.0 [Soil] Sampled 04/07/25 09:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-18 S09-2.5 [Soil] Sampled 04/07/25 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-19 S10-1.0 [Soil] Sampled 04/07/25 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-20 S10-2.5 [Soil] Sampled 04/07/25 10:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-21 S11-1.0 [Soil] Sampled 04/07/25 10:36 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-22 S11-2.5 [Soil] Sampled 04/07/25 10:32 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-23 S12-1.0 [Soil] Sampled 04/07/25 10:40 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-24 S12-2.5 [Soil] Sampled 04/07/25 10:38 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-25 S13-1.0 [Soil] Sampled 04/07/25 11:12 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-26 S13-2.5 [Soil] Sampled 04/07/25 11:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-27 S14-1.0 [Soil] Sampled 04/07/25 11:23 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-28 S14-2.5 [Soil] Sampled 04/07/25 11:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-29 S15-1.0 [Soil] Sampled 04/07/25 12:06 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:06	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:06	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:06	
8082 PCB	04/16/25 15:00	5	04/21/25 12:06	
8260	04/16/25 15:00	5	04/21/25 12:06	
8270C	04/16/25 15:00	5	04/21/25 12:06	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:06	
Dry Weight	04/16/25 15:00	5	04/14/25 12:06	
T251615-30 S15-2.5 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:05	
8082 PCB	04/16/25 15:00	5	04/21/25 12:05	
8260	04/16/25 15:00	5	04/21/25 12:05	
8270C	04/16/25 15:00	5	04/21/25 12:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:05	
Dry Weight	04/16/25 15:00	5	04/14/25 12:05	
T251615-31 S16-1.0 [Soil] Sampled 04/07/25 11:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-32 S16-2.5 [Soil] Sampled 04/07/25 11:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-33 S17-1.0 [Soil] Sampled 04/07/25 12:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-34 S17-2.5 [Soil] Sampled 04/07/25 11:58 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-35 S18-1.0 [Soil] Sampled 04/07/25 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-36 S18-2.5 [Soil] Sampled 04/07/25 14:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-37 S19-1.0 [Soil] Sampled 04/07/25 09:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-38 S19-2.5 [Soil] Sampled 04/07/25 09:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-39 S20-1.0 [Soil] Sampled 04/07/25 09:47 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-40 S20-2.5 [Soil] Sampled 04/07/25 09:59 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-41 S21-1.0 [Soil] Sampled 04/07/25 10:21 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-42 S21-2.5 [Soil] Sampled 04/07/25 10:29 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-43 S22-1.0 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-44 S22-2.5 [Soil] Sampled 04/07/25 08:48 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-45 S23-1.0 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-46 S23-2.5 [Soil] Sampled 04/07/25 09:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

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WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-47 S24-1.0 [Soil] Sampled 04/07/25 13:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-48 S24-2.5 [Soil] Sampled 04/07/25 13:30 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-49 S25-1.0 [Soil] Sampled 04/07/25 11:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-50 S25-2.5 [Soil] Sampled 04/07/25 11:42 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-51 S26-1.0 [Soil] Sampled 04/07/25 10:50 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-52 S26-2.5 [Soil] Sampled 04/07/25 11:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-53 S27-1.0 [Soil] Sampled 04/07/25 11:08 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-54 S27-2.5 [Soil] Sampled 04/07/25 11:15 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-55 S28-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-56 S28-2.5 [Soil] Sampled 04/07/25 12:45 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-57 S29-1.0 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-58 S29-2.5 [Soil] Sampled 04/07/25 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-59 S30-1.0 [Soil] Sampled 04/07/25 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-60 S30-2.5 [Soil] Sampled 04/07/25 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-61 S31-1.0 [Soil] Sampled 04/07/25 09:02 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-62 S31-2.5 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-63 S32-1.0 [Soil] Sampled 04/07/25 09:08 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:08	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:08	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:08	
8082 PCB	04/16/25 15:00	5	04/21/25 09:08	
8260	04/16/25 15:00	5	04/21/25 09:08	
8270C	04/16/25 15:00	5	04/21/25 09:08	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:08	
Dry Weight	04/16/25 15:00	5	04/14/25 09:08	
T251615-64 S32-2.5 [Soil] Sampled 04/07/25 09:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:05	
8082 PCB	04/16/25 15:00	5	04/21/25 09:05	
8260	04/16/25 15:00	5	04/21/25 09:05	
8270C	04/16/25 15:00	5	04/21/25 09:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:05	
Dry Weight	04/16/25 15:00	5	04/14/25 09:05	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-65 S33-1.0 [Soil] Sampled 04/07/25 09:18 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-66 S33-2.5 [Soil] Sampled 04/07/25 09:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-67 S34-1.0 [Soil] Sampled 04/07/25 08:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-68 S34-2.5 [Soil] Sampled 04/07/25 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-69 S35-1.0 [Soil] Sampled 04/07/25 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-70 S35-2.5 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-71 S36-1.0 [Soil] Sampled 04/07/25 10:28 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 10:28	Lead Only
T251615-72 S36-2.5 [Soil] Sampled 04/07/25 10:25 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 10:25	Lead Only
T251615-73 S37-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:35	Lead Only
T251615-74 S37-2.5 [Soil] Sampled 04/07/25 12:34 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:34	Lead Only
T251615-75 S38-1.0 [Soil] Sampled 04/07/25 12:22 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:22	Lead Only

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WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-76 S38-2.5 [Soil] Sampled 04/07/25 12:20 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:20	Lead Only
T251615-77 S39-1.0 [Soil] Sampled 04/07/25 12:30 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:30	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:30	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:30	
8082 PCB	04/16/25 15:00	5	04/21/25 12:30	
8260	04/16/25 15:00	5	04/21/25 12:30	
8270C	04/16/25 15:00	5	04/21/25 12:30	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:30	
Dry Weight	04/16/25 15:00	5	04/14/25 12:30	
T251615-78 S39-2.5 [Soil] Sampled 04/07/25 12:29 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:29	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:29	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:29	
8082 PCB	04/16/25 15:00	5	04/21/25 12:29	
8260	04/16/25 15:00	5	04/21/25 12:29	
8270C	04/16/25 15:00	5	04/21/25 12:29	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:29	
Dry Weight	04/16/25 15:00	5	04/14/25 12:29	
T251615-79 S40-1.0 [Soil] Sampled 04/07/25 11:40 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:40	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:40	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:40	
8082 PCB	04/16/25 15:00	5	04/21/25 11:40	
8260	04/16/25 15:00	5	04/21/25 11:40	
8270C	04/16/25 15:00	5	04/21/25 11:40	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:40	
Dry Weight	04/16/25 15:00	5	04/14/25 11:40	

SunStar Laboratories, Inc.
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WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-80 S40-2.5 [Soil] Sampled 04/07/25 11:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:38	
8082 PCB	04/16/25 15:00	5	04/21/25 11:38	
8260	04/16/25 15:00	5	04/21/25 11:38	
8270C	04/16/25 15:00	5	04/21/25 11:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:38	
Dry Weight	04/16/25 15:00	5	04/14/25 11:38	
T251615-81 S42-1.0 [Soil] Sampled 04/07/25 12:41 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:41	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:41	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:41	
8082 PCB	04/16/25 15:00	5	04/21/25 12:41	
8260	04/16/25 15:00	5	04/21/25 12:41	
8270C	04/16/25 15:00	5	04/21/25 12:41	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:41	
Dry Weight	04/16/25 15:00	5	04/14/25 12:41	
T251615-82 S42-2.5 [Soil] Sampled 04/07/25 12:44 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:44	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:44	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:44	
8082 PCB	04/16/25 15:00	5	04/21/25 12:44	
8260	04/16/25 15:00	5	04/21/25 12:44	
8270C	04/16/25 15:00	5	04/21/25 12:44	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:44	
Dry Weight	04/16/25 15:00	5	04/14/25 12:44	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-83 S43-1.0 [Soil] Sampled 04/07/25 13:00 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:00	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:00	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:00	
8082 PCB	04/16/25 15:00	5	04/21/25 13:00	
8260	04/16/25 15:00	5	04/21/25 13:00	
8270C	04/16/25 15:00	5	04/21/25 13:00	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:00	
Dry Weight	04/16/25 15:00	5	04/14/25 13:00	
T251615-84 S43-2.5 [Soil] Sampled 04/07/25 13:12 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:12	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:12	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:12	
8082 PCB	04/16/25 15:00	5	04/21/25 13:12	
8260	04/16/25 15:00	5	04/21/25 13:12	
8270C	04/16/25 15:00	5	04/21/25 13:12	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:12	
Dry Weight	04/16/25 15:00	5	04/14/25 13:12	
T251615-85 S44-0.5 [Soil] Sampled 04/07/25 14:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	04/16/25 15:00	5	04/21/25 14:05	
Dry Weight	04/16/25 15:00	5	04/14/25 14:05	

Analysis groups included in this work order

6020 Title 22 + Hg 7471

7470/71 Hg	6020 Metals by ICP-MS

Reviewed By

Date

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Report To:
Terracon -- Sacramento
Sadie Bodiford
50 Goldenland Court, Suite 100
Sacramento, CA 95834

Date Due:	05/02/25 00:00 (17 day TAT)		
Received By:	Paul Berner	Date Received:	04/09/25 11:34
Logged In By:	Karina Ortiz	Date Logged In:	04/09/25 09:12

Samples Received at:	**3.4°C**		
Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirı	No		

Analysis	Due	TAT	Expires	Comments
T251615-01 S01-1.0 [Soil] Sampled 04/07/25 13:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-02 S01-2.5 [Soil] Sampled 04/07/25 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-03 S02-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:45	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:45	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:45	
8082 PCB	04/16/25 15:00	5	04/21/25 14:45	
8260	04/16/25 15:00	5	04/21/25 14:45	
8270C	04/16/25 15:00	5	04/21/25 14:45	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:45	
Dry Weight	04/16/25 15:00	5	04/14/25 14:45	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-04 S02-2.5 [Soil] Sampled 04/07/25 14:50 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:50	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:50	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:50	
8082 PCB	04/16/25 15:00	5	04/21/25 14:50	
8260	04/16/25 15:00	5	04/21/25 14:50	
8270C	04/16/25 15:00	5	04/21/25 14:50	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:50	
Dry Weight	04/16/25 15:00	5	04/14/25 14:50	
T251615-05 S03-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-06 S03-2.5 [Soil] Sampled 04/07/25 14:47 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-07 S04-1.0 [Soil] Sampled 04/07/25 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-08 S04-2.5 [Soil] Sampled 04/07/25 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-09 S05-1.0 [Soil] Sampled 04/07/25 13:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-10 S05-2.5 [Soil] Sampled 04/07/25 14:38 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-11 S06-1.0 [Soil] Sampled 04/07/25 10:22 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-12 S06-2.5 [Soil] Sampled 04/07/25 10:19 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-13 S07-1.0 [Soil] Sampled 04/07/25 10:16 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-14 S07-2.5 [Soil] Sampled 04/07/25 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-15 S08-1.0 [Soil] Sampled 04/07/25 09:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:38	
8082 PCB	04/16/25 15:00	5	04/21/25 09:38	
8260	04/16/25 15:00	5	04/21/25 09:38	
8270C	04/16/25 15:00	5	04/21/25 09:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:38	
Dry Weight	04/16/25 15:00	5	04/14/25 09:38	
T251615-16 S08-2.5 [Soil] Sampled 04/07/25 09:37 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:37	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:37	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:37	
8082 PCB	04/16/25 15:00	5	04/21/25 09:37	
8260	04/16/25 15:00	5	04/21/25 09:37	
8270C	04/16/25 15:00	5	04/21/25 09:37	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:37	
Dry Weight	04/16/25 15:00	5	04/14/25 09:37	
T251615-17 S09-1.0 [Soil] Sampled 04/07/25 09:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-18 S09-2.5 [Soil] Sampled 04/07/25 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-19 S10-1.0 [Soil] Sampled 04/07/25 10:10 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 10:10	

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Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-20 S10-2.5 [Soil] Sampled 04/07/25 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-21 S11-1.0 [Soil] Sampled 04/07/25 10:36 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 10:36	
T251615-22 S11-2.5 [Soil] Sampled 04/07/25 10:32 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-23 S12-1.0 [Soil] Sampled 04/07/25 10:40 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 10:40	
T251615-24 S12-2.5 [Soil] Sampled 04/07/25 10:38 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-25 S13-1.0 [Soil] Sampled 04/07/25 11:12 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-26 S13-2.5 [Soil] Sampled 04/07/25 11:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-27 S14-1.0 [Soil] Sampled 04/07/25 11:23 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-28 S14-2.5 [Soil] Sampled 04/07/25 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-29 S15-1.0 [Soil] Sampled 04/07/25 12:06 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:06	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:06	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:06	
8082 PCB	04/16/25 15:00	5	04/21/25 12:06	
8260	04/16/25 15:00	5	04/21/25 12:06	
8270C	04/16/25 15:00	5	04/21/25 12:06	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:06	
Dry Weight	04/16/25 15:00	5	04/14/25 12:06	
T251615-30 S15-2.5 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:05	
8082 PCB	04/16/25 15:00	5	04/21/25 12:05	
8260	04/16/25 15:00	5	04/21/25 12:05	
8270C	04/16/25 15:00	5	04/21/25 12:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:05	
Dry Weight	04/16/25 15:00	5	04/14/25 12:05	
T251615-31 S16-1.0 [Soil] Sampled 04/07/25 11:55 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 11:55	
T251615-32 S16-2.5 [Soil] Sampled 04/07/25 11:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-33 S17-1.0 [Soil] Sampled 04/07/25 12:00 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 12:00	
T251615-34 S17-2.5 [Soil] Sampled 04/07/25 11:58 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-35 S18-1.0 [Soil] Sampled 04/07/25 14:10 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 14:10	

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WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-36 S18-2.5 [Soil] Sampled 04/07/25 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-37 S19-1.0 [Soil] Sampled 04/07/25 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-38 S19-2.5 [Soil] Sampled 04/07/25 09:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-39 S20-1.0 [Soil] Sampled 04/07/25 09:47 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-40 S20-2.5 [Soil] Sampled 04/07/25 09:59 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-41 S21-1.0 [Soil] Sampled 04/07/25 10:21 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-42 S21-2.5 [Soil] Sampled 04/07/25 10:29 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-43 S22-1.0 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-44 S22-2.5 [Soil] Sampled 04/07/25 08:48 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 08:48	
T251615-45 S23-1.0 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 09:00	
T251615-46 S23-2.5 [Soil] Sampled 04/07/25 09:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

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WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-47 S24-1.0 [Soil] Sampled 04/07/25 13:25 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 13:25	
T251615-48 S24-2.5 [Soil] Sampled 04/07/25 13:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-49 S25-1.0 [Soil] Sampled 04/07/25 11:35 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 11:35	
T251615-50 S25-2.5 [Soil] Sampled 04/07/25 11:42 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-51 S26-1.0 [Soil] Sampled 04/07/25 10:50 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 10:50	
T251615-52 S26-2.5 [Soil] Sampled 04/07/25 11:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-53 S27-1.0 [Soil] Sampled 04/07/25 11:08 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 11:08	
T251615-54 S27-2.5 [Soil] Sampled 04/07/25 11:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-55 S28-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-56 S28-2.5 [Soil] Sampled 04/07/25 12:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-57 S29-1.0 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

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WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-58 S29-2.5 [Soil] Sampled 04/07/25 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-59 S30-1.0 [Soil] Sampled 04/07/25 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-60 S30-2.5 [Soil] Sampled 04/07/25 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-61 S31-1.0 [Soil] Sampled 04/07/25 09:02 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 09:02	
T251615-62 S31-2.5 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 09:00	
T251615-63 S32-1.0 [Soil] Sampled 04/07/25 09:08 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:08	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:08	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:08	
8082 PCB	04/16/25 15:00	5	04/21/25 09:08	
8260	04/16/25 15:00	5	04/21/25 09:08	
8270C	04/16/25 15:00	5	04/21/25 09:08	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:08	
Dry Weight	04/16/25 15:00	5	04/14/25 09:08	
T251615-64 S32-2.5 [Soil] Sampled 04/07/25 09:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:05	
8082 PCB	04/16/25 15:00	5	04/21/25 09:05	
8260	04/16/25 15:00	5	04/21/25 09:05	
8270C	04/16/25 15:00	5	04/21/25 09:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:05	
Dry Weight	04/16/25 15:00	5	04/14/25 09:05	

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WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-65 S33-1.0 [Soil] Sampled 04/07/25 09:18 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 09:18	
T251615-66 S33-2.5 [Soil] Sampled 04/07/25 09:15 (GMT-08:00) Pacific Time (US &				
6010 Pb	05/02/25 15:00	5	10/04/25 09:15	
T251615-67 S34-1.0 [Soil] Sampled 04/07/25 08:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-68 S34-2.5 [Soil] Sampled 04/07/25 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-69 S35-1.0 [Soil] Sampled 04/07/25 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-70 S35-2.5 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-71 S36-1.0 [Soil] Sampled 04/07/25 10:28 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 10:28	Lead Only
T251615-72 S36-2.5 [Soil] Sampled 04/07/25 10:25 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 10:25	Lead Only
T251615-73 S37-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:35	Lead Only
T251615-74 S37-2.5 [Soil] Sampled 04/07/25 12:34 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:34	Lead Only
T251615-75 S38-1.0 [Soil] Sampled 04/07/25 12:22 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:22	Lead Only

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WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-76 S38-2.5 [Soil] Sampled 04/07/25 12:20 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:20	Lead Only
T251615-77 S39-1.0 [Soil] Sampled 04/07/25 12:30 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:30	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:30	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:30	
8082 PCB	04/16/25 15:00	5	04/21/25 12:30	
8260	04/16/25 15:00	5	04/21/25 12:30	
8270C	04/16/25 15:00	5	04/21/25 12:30	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:30	
Dry Weight	04/16/25 15:00	5	04/14/25 12:30	
T251615-78 S39-2.5 [Soil] Sampled 04/07/25 12:29 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:29	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:29	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:29	
8082 PCB	04/16/25 15:00	5	04/21/25 12:29	
8260	04/16/25 15:00	5	04/21/25 12:29	
8270C	04/16/25 15:00	5	04/21/25 12:29	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:29	
Dry Weight	04/16/25 15:00	5	04/14/25 12:29	
T251615-79 S40-1.0 [Soil] Sampled 04/07/25 11:40 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:40	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:40	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:40	
8082 PCB	04/16/25 15:00	5	04/21/25 11:40	
8260	04/16/25 15:00	5	04/21/25 11:40	
8270C	04/16/25 15:00	5	04/21/25 11:40	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:40	
Dry Weight	04/16/25 15:00	5	04/14/25 11:40	

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WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-80 S40-2.5 [Soil] Sampled 04/07/25 11:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:38	
8082 PCB	04/16/25 15:00	5	04/21/25 11:38	
8260	04/16/25 15:00	5	04/21/25 11:38	
8270C	04/16/25 15:00	5	04/21/25 11:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:38	
Dry Weight	04/16/25 15:00	5	04/14/25 11:38	
T251615-81 S42-1.0 [Soil] Sampled 04/07/25 12:41 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:41	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:41	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:41	
8082 PCB	04/16/25 15:00	5	04/21/25 12:41	
8260	04/16/25 15:00	5	04/21/25 12:41	
8270C	04/16/25 15:00	5	04/21/25 12:41	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:41	
Dry Weight	04/16/25 15:00	5	04/14/25 12:41	
T251615-82 S42-2.5 [Soil] Sampled 04/07/25 12:44 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:44	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:44	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:44	
8082 PCB	04/16/25 15:00	5	04/21/25 12:44	
8260	04/16/25 15:00	5	04/21/25 12:44	
8270C	04/16/25 15:00	5	04/21/25 12:44	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:44	
Dry Weight	04/16/25 15:00	5	04/14/25 12:44	

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WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-83 S43-1.0 [Soil] Sampled 04/07/25 13:00 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:00	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:00	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:00	
8082 PCB	04/16/25 15:00	5	04/21/25 13:00	
8260	04/16/25 15:00	5	04/21/25 13:00	
8270C	04/16/25 15:00	5	04/21/25 13:00	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:00	
Dry Weight	04/16/25 15:00	5	04/14/25 13:00	
T251615-84 S43-2.5 [Soil] Sampled 04/07/25 13:12 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:12	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:12	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:12	
8082 PCB	04/16/25 15:00	5	04/21/25 13:12	
8260	04/16/25 15:00	5	04/21/25 13:12	
8270C	04/16/25 15:00	5	04/21/25 13:12	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:12	
Dry Weight	04/16/25 15:00	5	04/14/25 13:12	
T251615-85 S44-0.5 [Soil] Sampled 04/07/25 14:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	04/16/25 15:00	5	04/21/25 14:05	
Dry Weight	04/16/25 15:00	5	04/14/25 14:05	

Analysis groups included in this work order

6020 Title 22 + Hg 7471

7470/71 Hg	6020 Metals by ICP-MS

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

21 April 2025

Sadie Bodiford
Terracon -- Sacramento
50 Goldenland Court, Suite 100
Sacramento, CA 95834

RE: Frank Otis Elementary School

Enclosed are the results of analyses for samples received by the laboratory on 04/09/25 11:34. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jeff Lee
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S02-1.0	T251615-03	Soil	04/07/25 14:45	04/09/25 11:34
S02-2.5	T251615-04	Soil	04/07/25 14:50	04/09/25 11:34
S08-1.0	T251615-15	Soil	04/07/25 09:38	04/09/25 11:34
S08-2.5	T251615-16	Soil	04/07/25 09:37	04/09/25 11:34
S15-1.0	T251615-29	Soil	04/07/25 12:06	04/09/25 11:34
S15-2.5	T251615-30	Soil	04/07/25 12:05	04/09/25 11:34
S32-1.0	T251615-63	Soil	04/07/25 09:08	04/09/25 11:34
S32-2.5	T251615-64	Soil	04/07/25 09:05	04/09/25 11:34
S36-1.0	T251615-71	Soil	04/07/25 10:28	04/09/25 11:34
S36-2.5	T251615-72	Soil	04/07/25 10:25	04/09/25 11:34
S37-1.0	T251615-73	Soil	04/07/25 12:35	04/09/25 11:34
S37-2.5	T251615-74	Soil	04/07/25 12:34	04/09/25 11:34
S38-1.0	T251615-75	Soil	04/07/25 12:22	04/09/25 11:34
S38-2.5	T251615-76	Soil	04/07/25 12:20	04/09/25 11:34
S39-1.0	T251615-77	Soil	04/07/25 12:30	04/09/25 11:34
S39-2.5	T251615-78	Soil	04/07/25 12:29	04/09/25 11:34
S40-1.0	T251615-79	Soil	04/07/25 11:40	04/09/25 11:34
S40-2.5	T251615-80	Soil	04/07/25 11:38	04/09/25 11:34
S42-1.0	T251615-81	Soil	04/07/25 12:41	04/09/25 11:34
S42-2.5	T251615-82	Soil	04/07/25 12:44	04/09/25 11:34
S43-1.0	T251615-83	Soil	04/07/25 13:00	04/09/25 11:34
S43-2.5	T251615-84	Soil	04/07/25 13:12	04/09/25 11:34
S44-0.5	T251615-85	Soil	04/07/25 14:05	04/09/25 11:34
3:1 Composite(S01-1.0 - S03-1.0)	T251616-01	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S01-2.5 - S03-2.5)	T251616-02	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S04-1.0 - S06-1.0)	T251616-03	Soil	04/07/25 00:00	04/09/25 11:34

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
3:1 Composite(S04-2.5 - S06-2.5)	T251616-04	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S07-1.0 - S09-1.0)	T251616-05	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S07-2.5 - S09-2.5)	T251616-06	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S10-1.0 - S12-1.0)	T251616-07	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S10-2.5 - S12-2.5)	T251616-08	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S13-1.0 - S15-1.0)	T251616-09	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S13-2.5 - S15-2.5)	T251616-10	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S16-1.0 - S18-1.0)	T251616-11	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S16-2.5 - S18-2.5)	T251616-12	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S19-1.0 - S21-1.0)	T251616-13	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S19-2.5 - S21-2.5)	T251616-14	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S22-1.0 - S24-1.0)	T251616-15	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S22-2.5 - S24-2.5)	T251616-16	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S25-1.0 - S27-1.0)	T251616-17	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S25-2.5 - S27-2.5)	T251616-18	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S28-1.0 - S30-1.0)	T251616-19	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S28-2.5 - S30-2.5)	T251616-20	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S31-1.0 - S33-1.0)	T251616-21	Soil	04/07/25 00:00	04/09/25 11:34
3:1 Composite(S31-2.5 - S33-2.5)	T251616-22	Soil	04/07/25 00:00	04/09/25 11:34
2:1 Composite(S34-1.0 - S35-1.0)	T251616-23	Soil	04/07/25 00:00	04/09/25 11:34
2:1 Composite(S34-2.5 - S35-2.5)	T251616-24	Soil	04/07/25 00:00	04/09/25 11:34

Per client's email request, 6020 Lead analysis has been added to all 6 samples that are associated with sample ID "S36", "S37", and "S38". JL 4/14/25

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

DETECTIONS SUMMARY

Sample ID: S02-1.0 **Laboratory ID:** T251615-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**7.0**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**18**	0.062	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**110**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**14**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**13**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**31**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**20**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**35**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**41**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**13**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**34**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Selenium	**13**	0.62	ıg/kg dry wt. dr	6020 ICP-MS	
Silver	**16**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Thallium	**12**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**34**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**69**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**80.9**		%	% calculation	

Sample ID: S02-2.5 **Laboratory ID:** T251615-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.9**	0.061	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**200**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.65**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**72**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**22**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**29**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**20**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.56**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**160**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Selenium	**0.70**	0.61	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**59**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Sample ID: S02-2.5 **Laboratory ID:** T251615-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Zinc	**56**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.75**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
% Solids	**82.6**		%	% calculation	

Sample ID: S08-1.0 **Laboratory ID:** T251615-15

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.29**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**7.2**	0.059	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**150**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.46**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**38**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**16**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**27**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**12**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.54**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**80**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**63**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**71**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.58**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Hexavalent Chromium	**0.46**	0.23	ıg/kg dry wt. dr	EPA 7199	
% Solids	**85.3**		%	% calculation	

Sample ID: S08-2.5 **Laboratory ID:** T251615-16

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.31**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**4.7**	0.062	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**98**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.73**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**92**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**11**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**31**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**16**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.52**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	

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Sample ID: S08-2.5 **Laboratory ID:** T251615-16

Analyte	Result	Reporting Limit	Units	Method	Notes
Nickel	**150**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**66**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**45**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**1.3**	0.25	ıg/kg dry wt. dr	EPA 7471A Soil	
Hexavalent Chromium	**0.49**	0.25	ıg/kg dry wt. dr	EPA 7199	
% Solids	**81.3**		%	% calculation	

Sample ID: S15-1.0 **Laboratory ID:** T251615-29

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**22**	0.058	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**160**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.42**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**0.54**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**44**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**17**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**37**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**31**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**2.3**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**68**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**78**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**130**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.65**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Hexavalent Chromium	**0.40**	0.23	ıg/kg dry wt. dr	EPA 7199	
% Solids	**85.7**		%	% calculation	

Sample ID: S15-2.5 **Laboratory ID:** T251615-30

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.42**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**12**	0.058	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**110**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.47**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**0.46**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**42**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	

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Sample ID: S15-2.5 **Laboratory ID:** T251615-30

Analyte	Result	Reporting Limit	Units	Method	Notes
Cobalt	**15**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**28**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**23**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**1.3**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**76**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Selenium	**0.72**	0.58	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**55**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**160**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.63**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Acetone	**0.012**	0.0058	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**86.4**		%	% calculation	

Sample ID: S32-1.0 **Laboratory ID:** T251615-63

Analyte	Result	Reporting Limit	Units	Method	Notes
C13-C28 (DRO)	**17**	11	ıg/kg dry wt. dr	EPA 8015B	D-06
C29-C40 (MORO)	**150**	11	ıg/kg dry wt. dr	EPA 8015B	D-06
Antimony	**0.44**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**5.9**	0.055	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**100**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.33**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**39**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**13**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**20**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**44**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.91**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**72**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**45**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**74**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.44**	0.11	ıg/kg dry wt. dr	EPA 7471A Soil	
Acetone	**0.040**	0.0055	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**90.5**		%	% calculation	

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Sample ID: S32-2.5 **Laboratory ID:** T251615-64

Analyte	Result	Reporting Limit	Units	Method	Notes
C29-C40 (MORO)	**110**	12	ıg/kg dry wt. dr	EPA 8015B	D-06
Antimony	**0.49**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**12**	0.061	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**76**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**0.35**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**6.3**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**10**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**22**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**17**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.88**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**9.4**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Thallium	**0.38**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**40**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**120**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.47**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
% Solids	**81.8**		%	% calculation	

Sample ID: S36-1.0 **Laboratory ID:** T251615-71

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**18**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

Sample ID: S36-2.5 **Laboratory ID:** T251615-72

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**14**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

Sample ID: S37-1.0 **Laboratory ID:** T251615-73

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**80**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

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Sample ID: S37-2.5 **Laboratory ID:** T251615-74

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**13**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

Sample ID: S38-1.0 **Laboratory ID:** T251615-75

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**26**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

Sample ID: S38-2.5 **Laboratory ID:** T251615-76

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**21**	0.25	ıg/kg dry wt. w	6020 ICP-MS	

Sample ID: S39-1.0 **Laboratory ID:** T251615-77

Analyte	Result	Reporting Limit	Units	Method	Notes
C29-C40 (MORO)	**160**	11	ıg/kg dry wt. dr	EPA 8015B	D-06
Antimony	**0.48**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**10**	0.055	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**67**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**0.32**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**5.3**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**8.8**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**19**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**15**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.77**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**8.0**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Selenium	**0.56**	0.55	ıg/kg dry wt. dr	6020 ICP-MS	
Thallium	**0.35**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**35**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**110**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.42**	0.11	ıg/kg dry wt. dr	EPA 7471A Soil	
% Solids	**91.7**		%	% calculation	

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Sample ID: S39-2.5 **Laboratory ID:** T251615-78

Analyte	Result	Reporting Limit	Units	Method	Notes
Antimony	**0.43**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**5.3**	0.062	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**360**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.62**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**0.32**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**37**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**13**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**36**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**69**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.46**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**57**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**56**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**99**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
Acetone	**0.024**	0.0062	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**81.1**		%	% calculation	

Sample ID: S40-1.0 **Laboratory ID:** T251615-79

Analyte	Result	Reporting Limit	Units	Method	Notes
C29-C40 (MORO)	**130**	12	ıg/kg dry wt. dr	EPA 8015B	D-06
Antimony	**0.44**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Arsenic	**12**	0.058	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**140**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.32**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cadmium	**0.59**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**15**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**15**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**24**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**49**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.75**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**25**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**56**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**180**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.37**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Hexavalent Chromium	**0.42**	0.23	ıg/kg dry wt. dr	EPA 7199	
% Solids	**86.5**		%	% calculation	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Sample ID: S40-2.5 **Laboratory ID:** T251615-80

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.4**	0.059	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**270**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.66**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**70**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**17**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**32**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**10**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.53**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**130**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**60**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**47**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.46**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Acetone	**0.028**	0.0059	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**85.5**		%	% calculation	

Sample ID: S42-1.0 **Laboratory ID:** T251615-81

Analyte	Result	Reporting Limit	Units	Method	Notes
C29-C40 (MORO)	**150**	12	ıg/kg dry wt. dr	EPA 8015B	D-06
Arsenic	**4.7**	0.060	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**78**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**52**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**15**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**42**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**3.5**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.35**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**48**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**160**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**43**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.59**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Acetone	**0.015**	0.0060	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**83.1**		%	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Sample ID: S42-2.5 **Laboratory ID:** T251615-82

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**3.7**	0.058	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**170**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.43**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**45**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**17**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**32**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**42**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**85**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**79**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**95**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Mercury	**0.29**	0.12	ıg/kg dry wt. dr	EPA 7471A Soil	
Acetone	**0.021**	0.0058	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**85.8**		%	% calculation	

Sample ID: S43-1.0 **Laboratory ID:** T251615-83

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**3.7**	0.057	ıg/kg dry wt. dr	6020 ICP-MS	
Barium	**200**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.43**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**28**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**12**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**14**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**8.3**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Molybdenum	**0.31**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**36**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**31**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**29**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
Acetone	**0.011**	0.0057	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**87.4**		%	% calculation	

Sample ID: S43-2.5 **Laboratory ID:** T251615-84

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.5**	0.061	ıg/kg dry wt. dr	6020 ICP-MS	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Sample ID: S43-2.5 **Laboratory ID:** T251615-84

Analyte	Result	Reporting Limit	Units	Method	Notes
Barium	**270**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Beryllium	**0.62**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Chromium	**32**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Cobalt	**12**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Copper	**26**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Lead	**11**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Nickel	**50**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Vanadium	**45**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Zinc	**40**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
Acetone	**0.033**	0.0061	ıg/kg dry wt. dr	EPA 8260B	
% Solids	**82.4**		%	% calculation	

Sample ID: S44-0.5 **Laboratory ID:** T251615-85

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**88.4**		%	% calculation	

Sample ID: 3:1 Composite(S01-1.0 - S03-1.0) **Laboratory ID:** T251616-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**31**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**82.1**		%	% calculation	

Sample ID: 3:1 Composite(S01-2.5 - S03-2.5) **Laboratory ID:** T251616-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**22**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**81.5**		%	% calculation	

Sample ID: 3:1 Composite(S04-1.0 - S06-1.0) **Laboratory ID:** T251616-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**20**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	

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Sample ID: 3:1 Composite(S04-1.0 - S06-1.0) **Laboratory ID:** T251616-03

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**86.7**		%	% calculation	

Sample ID: 3:1 Composite(S04-2.5 - S06-2.5) **Laboratory ID:** T251616-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**13**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**83.7**		%	% calculation	

Sample ID: 3:1 Composite(S07-1.0 - S09-1.0) **Laboratory ID:** T251616-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**34**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**89.1**		%	% calculation	

Sample ID: 3:1 Composite(S07-2.5 - S09-2.5) **Laboratory ID:** T251616-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**47**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**81.9**		%	% calculation	

Sample ID: 3:1 Composite(S10-1.0 - S12-1.0) **Laboratory ID:** T251616-07

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**150**	0.26	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**95.2**		%	% calculation	

Sample ID: 3:1 Composite(S10-2.5 - S12-2.5) **Laboratory ID:** T251616-08

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**25**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**88.8**		%	% calculation	

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Sample ID: 3:1 Composite(S13-1.0 - S15-1.0) **Laboratory ID:** T251616-09

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**47**	0.27	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**91.0**		%	% calculation	

Sample ID: 3:1 Composite(S13-2.5 - S15-2.5) **Laboratory ID:** T251616-10

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**47**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**86.4**		%	% calculation	

Sample ID: 3:1 Composite(S16-1.0 - S18-1.0) **Laboratory ID:** T251616-11

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**280**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**88.8**		%	% calculation	

Sample ID: 3:1 Composite(S16-2.5 - S18-2.5) **Laboratory ID:** T251616-12

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**48**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**88.6**		%	% calculation	

Sample ID: 3:1 Composite(S19-1.0 - S21-1.0) **Laboratory ID:** T251616-13

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**37**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**83.2**		%	% calculation	

Sample ID: 3:1 Composite(S19-2.5 - S21-2.5) **Laboratory ID:** T251616-14

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**35**	0.32	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**79.3**		%	% calculation	

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Sample ID: 3:1 Composite(S22-1.0 - S24-1.0) **Laboratory ID:** T251616-15

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**210**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**84.7**		%	% calculation	

Sample ID: 3:1 Composite(S22-2.5 - S24-2.5) **Laboratory ID:** T251616-16

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**34**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**84.7**		%	% calculation	

Sample ID: 3:1 Composite(S25-1.0 - S27-1.0) **Laboratory ID:** T251616-17

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**120**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
4,4´-DDT	**0.0072**	0.0060	ıg/kg dry wt. dr	EPA 8081A	
% Solids	**83.7**		%	% calculation	

Sample ID: 3:1 Composite(S25-2.5 - S27-2.5) **Laboratory ID:** T251616-18

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**26**	0.31	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**82.0**		%	% calculation	

Sample ID: 3:1 Composite(S28-1.0 - S30-1.0) **Laboratory ID:** T251616-19

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**78**	0.28	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**89.3**		%	% calculation	

Sample ID: 3:1 Composite(S28-2.5 - S30-2.5) **Laboratory ID:** T251616-20

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**14**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	

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Sample ID: 3:1 Composite(S28-2.5 - S30-2.5) **Laboratory ID:** T251616-20

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**82.8**		%	% calculation	

Sample ID: 3:1 Composite(S31-1.0 - S33-1.0) **Laboratory ID:** T251616-21

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**90**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**86.5**		%	% calculation	

Sample ID: 3:1 Composite(S31-2.5 - S33-2.5) **Laboratory ID:** T251616-22

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**88**	0.29	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**85.8**		%	% calculation	

Sample ID: 2:1 Composite(S34-1.0 - S35-1.0) **Laboratory ID:** T251616-23

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**25**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**83.3**		%	% calculation	

Sample ID: 2:1 Composite(S34-2.5 - S35-2.5) **Laboratory ID:** T251616-24

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**16**	0.30	ıg/kg dry wt. dr	6020 ICP-MS	
% Solids	**83.7**		%	% calculation	

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S02-1.0

T251615-03 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*84.5 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**7.0**	0.31	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**18**	0.062	"	"	"	"	"	"	
Barium	**110**	0.31	"	"	"	"	"	"	
Beryllium	**14**	0.31	"	"	"	"	"	"	
Cadmium	**13**	0.31	"	"	"	"	"	"	
Chromium	**31**	0.31	"	"	"	"	"	"	
Cobalt	**20**	0.31	"	"	"	"	"	"	
Copper	**35**	0.31	"	"	"	"	"	"	
Lead	**41**	0.31	"	"	"	"	"	"	
Molybdenum	**13**	0.31	"	"	"	"	"	"	
Nickel	**34**	0.31	"	"	"	"	"	"	
Selenium	**13**	0.62	"	"	"	"	"	"	
Silver	**16**	0.31	"	"	"	"	"	"	
Thallium	**12**	0.31	"	"	"	"	"	"	
Vanadium	**34**	0.31	"	"	"	"	"	"	
Zinc	**69**	0.31	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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S02-1.0

T251615-03 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0062	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0062	"	"	"	"	"	"	
beta-BHC	ND	0.0062	"	"	"	"	"	"	
delta-BHC	ND	0.0062	"	"	"	"	"	"	
Heptachlor	ND	0.0062	"	"	"	"	"	"	
Aldrin	ND	0.0062	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0062	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0062	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0062	"	"	"	"	"	"	
Endosulfan I	ND	0.0062	"	"	"	"	"	"	
4,4´-DDE	ND	0.0062	"	"	"	"	"	"	
Dieldrin	ND	0.0062	"	"	"	"	"	"	
Endrin	ND	0.0062	"	"	"	"	"	"	
4,4´-DDD	ND	0.0062	"	"	"	"	"	"	
Endosulfan II	ND	0.0062	"	"	"	"	"	"	
4,4´-DDT	ND	0.0062	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0062	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0062	"	"	"	"	"	"	
Methoxychlor	ND	0.0062	"	"	"	"	"	"	
Endrin ketone	ND	0.0062	"	"	"	"	"	"	
Toxaphene	ND	0.025	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*37.6 %*	*35-140*		*"*	*"*	*"*	*"*	
Surrogate: Decachlorobiphenyl		*9.75 %*	*35-140*		*"*	*"*	*"*	*"*	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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S02-1.0

T251615-03 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*24.7 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*8.29 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0031	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0031	"	"	"	"	"	"	
Bromoform	ND	0.0031	"	"	"	"	"	"	
Bromomethane	ND	0.0031	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0031	"	"	"	"	"	"	
Chlorobenzene	ND	0.0031	"	"	"	"	"	"	
Chloroethane	ND	0.0031	"	"	"	"	"	"	
Chloroform	ND	0.0031	"	"	"	"	"	"	
Chloromethane	ND	0.0031	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0062	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0031	"	"	"	"	"	"	
Dibromomethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0031	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S02-1.0

T251615-03 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0031	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0031	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0031	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0031	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0031	"	"	"	"	"	"	
Styrene	ND	0.0031	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
Trichloroethene	ND	0.0031	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
Vinyl chloride	ND	0.0031	"	"	"	"	"	"	
Benzene	ND	0.0031	"	"	"	"	"	"	
Toluene	ND	0.0031	"	"	"	"	"	"	
Ethylbenzene	ND	0.0031	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

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T251615-03 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0062	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0031	"	"	"	"	"	"	
Acetone	ND	0.0062	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0062	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0062	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0062	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.1 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*77.6 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.37	"	"	"	"	"	"	
Aniline	ND	0.37	"	"	"	"	"	"	
Anthracene	ND	0.37	"	"	"	"	"	"	
Azobenzene	ND	0.37	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.37	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.37	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzyl alcohol	ND	0.37	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.37	"	"	"	"	"	"	
Carbazole	ND	0.37	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.37	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.37	"	"	"	"	"	"	

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Chrysene	ND	0.37	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.37	"	"	"	"	"	"	
Dibenzofuran	ND	0.37	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.37	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.37	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.37	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.37	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.37	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.37	"	"	"	"	"	"	
Fluoranthene	ND	0.37	"	"	"	"	"	"	
Fluorene	ND	0.37	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.9	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.37	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.37	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.37	"	"	"	"	"	"	
Isophorone	ND	0.37	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-03 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.37	"	"	"	"	"	"	
3-Nitroaniline	ND	0.37	"	"	"	"	"	"	
2-Nitroaniline	ND	0.37	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.37	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.37	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.37	"	"	"	"	"	"	
Pyridine	ND	0.37	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*43.1 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*51.5 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*54.9 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*54.4 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*87.4 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*74.2 %*	*18.1-105*		"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S02-1.0

T251615-03 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.25	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**80.9**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S02-2.5

T251615-04 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*85.5 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.30	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**5.9**	0.061	"	"	"	"	"	"	
Barium	**200**	0.30	"	"	"	"	"	"	
Beryllium	**0.65**	0.30	"	"	"	"	"	"	
Cadmium	ND	0.30	"	"	"	"	"	"	
Chromium	**72**	0.30	"	"	"	"	"	"	
Cobalt	**22**	0.30	"	"	"	"	"	"	
Copper	**29**	0.30	"	"	"	"	"	"	
Lead	**20**	0.30	"	"	"	"	"	"	
Molybdenum	**0.56**	0.30	"	"	"	"	"	"	
Nickel	**160**	0.30	"	"	"	"	"	"	
Selenium	**0.70**	0.61	"	"	"	"	"	"	
Silver	ND	0.30	"	"	"	"	"	"	
Thallium	ND	0.30	"	"	"	"	"	"	
Vanadium	**59**	0.30	"	"	"	"	"	"	
Zinc	**56**	0.30	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.75**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-04 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0061	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0061	"	"	"	"	"	"	
beta-BHC	ND	0.0061	"	"	"	"	"	"	
delta-BHC	ND	0.0061	"	"	"	"	"	"	
Heptachlor	ND	0.0061	"	"	"	"	"	"	
Aldrin	ND	0.0061	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0061	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0061	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0061	"	"	"	"	"	"	
Endosulfan I	ND	0.0061	"	"	"	"	"	"	
4,4´-DDE	ND	0.0061	"	"	"	"	"	"	
Dieldrin	ND	0.0061	"	"	"	"	"	"	
Endrin	ND	0.0061	"	"	"	"	"	"	
4,4´-DDD	ND	0.0061	"	"	"	"	"	"	
Endosulfan II	ND	0.0061	"	"	"	"	"	"	
4,4´-DDT	ND	0.0061	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0061	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0061	"	"	"	"	"	"	
Methoxychlor	ND	0.0061	"	"	"	"	"	"	
Endrin ketone	ND	0.0061	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*40.8 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*15.7 %*	*35-140*		"	"	"	"	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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T251615-04 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*32.0 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*11.1 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0030	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0030	"	"	"	"	"	"	
Bromoform	ND	0.0030	"	"	"	"	"	"	
Bromomethane	ND	0.0030	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0030	"	"	"	"	"	"	
Chlorobenzene	ND	0.0030	"	"	"	"	"	"	
Chloroethane	ND	0.0030	"	"	"	"	"	"	
Chloroform	ND	0.0030	"	"	"	"	"	"	
Chloromethane	ND	0.0030	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0061	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0030	"	"	"	"	"	"	
Dibromomethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0030	"	"	"	"	"	"	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S02-2.5

T251615-04 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0030	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0030	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0030	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0030	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0030	"	"	"	"	"	"	
Styrene	ND	0.0030	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
Trichloroethene	ND	0.0030	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
Vinyl chloride	ND	0.0030	"	"	"	"	"	"	
Benzene	ND	0.0030	"	"	"	"	"	"	
Toluene	ND	0.0030	"	"	"	"	"	"	
Ethylbenzene	ND	0.0030	"	"	"	"	"	"	

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T251615-04 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0061	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0030	"	"	"	"	"	"	
Acetone	ND	0.0061	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0061	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0061	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0061	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.6 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*80.1 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.36	"	"	"	"	"	"	
Aniline	ND	0.36	"	"	"	"	"	"	
Anthracene	ND	0.36	"	"	"	"	"	"	
Azobenzene	ND	0.36	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.36	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.36	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzyl alcohol	ND	0.36	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.36	"	"	"	"	"	"	
Carbazole	ND	0.36	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.36	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.36	"	"	"	"	"	"	

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Chrysene	ND	0.36	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.36	"	"	"	"	"	"	
Dibenzofuran	ND	0.36	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.36	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.36	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.36	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.36	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.36	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.36	"	"	"	"	"	"	
Fluoranthene	ND	0.36	"	"	"	"	"	"	
Fluorene	ND	0.36	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.36	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.36	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.36	"	"	"	"	"	"	
Isophorone	ND	0.36	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-04 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.36	"	"	"	"	"	"	
3-Nitroaniline	ND	0.36	"	"	"	"	"	"	
2-Nitroaniline	ND	0.36	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.36	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.36	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.36	"	"	"	"	"	"	
Pyridine	ND	0.36	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*57.3 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*52.4 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*56.3 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*55.8 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*91.0 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*80.1 %*	*18.1-105*		"	"	"	"	

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S02-2.5

T251615-04 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**82.6**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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T251615-15 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*88.5 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.29**	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**7.2**	0.059	"	"	"	"	"	"	
Barium	**150**	0.29	"	"	"	"	"	"	
Beryllium	**0.46**	0.29	"	"	"	"	"	"	
Cadmium	ND	0.29	"	"	"	"	"	"	
Chromium	**38**	0.29	"	"	"	"	"	"	
Cobalt	**16**	0.29	"	"	"	"	"	"	
Copper	**27**	0.29	"	"	"	"	"	"	
Lead	**12**	0.29	"	"	"	"	"	"	
Molybdenum	**0.54**	0.29	"	"	"	"	"	"	
Nickel	**80**	0.29	"	"	"	"	"	"	
Selenium	ND	0.59	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**63**	0.29	"	"	"	"	"	"	
Zinc	**71**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.58**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-15 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0059	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0059	"	"	"	"	"	"	
beta-BHC	ND	0.0059	"	"	"	"	"	"	
delta-BHC	ND	0.0059	"	"	"	"	"	"	
Heptachlor	ND	0.0059	"	"	"	"	"	"	
Aldrin	ND	0.0059	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0059	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0059	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0059	"	"	"	"	"	"	
Endosulfan I	ND	0.0059	"	"	"	"	"	"	
4,4´-DDE	ND	0.0059	"	"	"	"	"	"	
Dieldrin	ND	0.0059	"	"	"	"	"	"	
Endrin	ND	0.0059	"	"	"	"	"	"	
4,4´-DDD	ND	0.0059	"	"	"	"	"	"	
Endosulfan II	ND	0.0059	"	"	"	"	"	"	
4,4´-DDT	ND	0.0059	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0059	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0059	"	"	"	"	"	"	
Methoxychlor	ND	0.0059	"	"	"	"	"	"	
Endrin ketone	ND	0.0059	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*38.8 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*18.9 %*	*35-140*		"	"	"	"	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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T251615-15 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*35.5 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*14.2 %*	*35-140*		"	"	"	"	*S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0059	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S08-1.0

T251615-15 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

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T251615-15 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0059	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	ND	0.0059	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0059	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0059	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0059	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.2 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*82.6 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.35	"	"	"	"	"	"	
Aniline	ND	0.35	"	"	"	"	"	"	
Anthracene	ND	0.35	"	"	"	"	"	"	
Azobenzene	ND	0.35	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.35	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.35	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzyl alcohol	ND	0.35	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.35	"	"	"	"	"	"	
Carbazole	ND	0.35	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.35	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.35	"	"	"	"	"	"	

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T251615-15 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Chrysene	ND	0.35	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.35	"	"	"	"	"	"	
Dibenzofuran	ND	0.35	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.35	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.35	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.35	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.35	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.35	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.35	"	"	"	"	"	"	
Fluoranthene	ND	0.35	"	"	"	"	"	"	
Fluorene	ND	0.35	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.35	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.35	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.35	"	"	"	"	"	"	
Isophorone	ND	0.35	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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S08-1.0

T251615-15 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.35	"	"	"	"	"	"	
3-Nitroaniline	ND	0.35	"	"	"	"	"	"	
2-Nitroaniline	ND	0.35	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.35	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.35	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.35	"	"	"	"	"	"	
Pyridine	ND	0.35	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*60.9 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*55.4 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*58.7 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*60.3 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*88.8 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*89.7 %*	*18.1-105*		"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S08-1.0

T251615-15 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	**0.46**	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**85.3**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S08-2.5

T251615-16 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*83.0 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.31**	0.31	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**4.7**	0.062	"	"	"	"	"	"	
Barium	**98**	0.31	"	"	"	"	"	"	
Beryllium	**0.73**	0.31	"	"	"	"	"	"	
Cadmium	ND	0.31	"	"	"	"	"	"	
Chromium	**92**	0.31	"	"	"	"	"	"	
Cobalt	**11**	0.31	"	"	"	"	"	"	
Copper	**31**	0.31	"	"	"	"	"	"	
Lead	**16**	0.31	"	"	"	"	"	"	
Molybdenum	**0.52**	0.31	"	"	"	"	"	"	
Nickel	**150**	0.31	"	"	"	"	"	"	
Selenium	ND	0.62	"	"	"	"	"	"	
Silver	ND	0.31	"	"	"	"	"	"	
Thallium	ND	0.31	"	"	"	"	"	"	
Vanadium	**66**	0.31	"	"	"	"	"	"	
Zinc	**45**	0.31	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**1.3**	0.25	mg/kg dry wt. dry	2	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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S08-2.5

T251615-16 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0062	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0062	"	"	"	"	"	"	
beta-BHC	ND	0.0062	"	"	"	"	"	"	
delta-BHC	ND	0.0062	"	"	"	"	"	"	
Heptachlor	ND	0.0062	"	"	"	"	"	"	
Aldrin	ND	0.0062	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0062	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0062	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0062	"	"	"	"	"	"	
Endosulfan I	ND	0.0062	"	"	"	"	"	"	
4,4´-DDE	ND	0.0062	"	"	"	"	"	"	
Dieldrin	ND	0.0062	"	"	"	"	"	"	
Endrin	ND	0.0062	"	"	"	"	"	"	
4,4´-DDD	ND	0.0062	"	"	"	"	"	"	
Endosulfan II	ND	0.0062	"	"	"	"	"	"	
4,4´-DDT	ND	0.0062	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0062	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0062	"	"	"	"	"	"	
Methoxychlor	ND	0.0062	"	"	"	"	"	"	
Endrin ketone	ND	0.0062	"	"	"	"	"	"	
Toxaphene	ND	0.025	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*42.5 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*16.7 %*		*35-140*	"	"	"	"	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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S08-2.5

T251615-16 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*30.4 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*12.5 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0031	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0031	"	"	"	"	"	"	
Bromoform	ND	0.0031	"	"	"	"	"	"	
Bromomethane	ND	0.0031	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0031	"	"	"	"	"	"	
Chlorobenzene	ND	0.0031	"	"	"	"	"	"	
Chloroethane	ND	0.0031	"	"	"	"	"	"	
Chloroform	ND	0.0031	"	"	"	"	"	"	
Chloromethane	ND	0.0031	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0062	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0031	"	"	"	"	"	"	
Dibromomethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0031	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S08-2.5

T251615-16 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0031	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0031	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0031	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0031	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0031	"	"	"	"	"	"	
Styrene	ND	0.0031	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
Trichloroethene	ND	0.0031	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
Vinyl chloride	ND	0.0031	"	"	"	"	"	"	
Benzene	ND	0.0031	"	"	"	"	"	"	
Toluene	ND	0.0031	"	"	"	"	"	"	
Ethylbenzene	ND	0.0031	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

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T251615-16 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0062	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0031	"	"	"	"	"	"	
Acetone	ND	0.0062	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0062	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0062	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0062	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.6 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.2 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.37	"	"	"	"	"	"	
Aniline	ND	0.37	"	"	"	"	"	"	
Anthracene	ND	0.37	"	"	"	"	"	"	
Azobenzene	ND	0.37	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.37	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.37	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzyl alcohol	ND	0.37	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.37	"	"	"	"	"	"	
Carbazole	ND	0.37	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.37	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.37	"	"	"	"	"	"	

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T251615-16 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Chrysene	ND	0.37	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.37	"	"	"	"	"	"	
Dibenzofuran	ND	0.37	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.37	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.37	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.37	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.37	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.37	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.37	"	"	"	"	"	"	
Fluoranthene	ND	0.37	"	"	"	"	"	"	
Fluorene	ND	0.37	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.37	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.37	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.37	"	"	"	"	"	"	
Isophorone	ND	0.37	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-16 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.37	"	"	"	"	"	"	
3-Nitroaniline	ND	0.37	"	"	"	"	"	"	
2-Nitroaniline	ND	0.37	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.37	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.37	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.37	"	"	"	"	"	"	
Pyridine	ND	0.37	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*53.7 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*55.5 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*57.2 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*58.3 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*93.1 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*86.5 %*	*18.1-105*		"	"	"	"	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S08-2.5

T251615-16 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	**0.49**	0.25	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**81.3**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S15-1.0

T251615-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*87.2 %*		*65-135*	"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**22**	0.058	"	"	"	"	"	"	
Barium	**160**	0.29	"	"	"	"	"	"	
Beryllium	**0.42**	0.29	"	"	"	"	"	"	
Cadmium	**0.54**	0.29	"	"	"	"	"	"	
Chromium	**44**	0.29	"	"	"	"	"	"	
Cobalt	**17**	0.29	"	"	"	"	"	"	
Copper	**37**	0.29	"	"	"	"	"	"	
Lead	**31**	0.29	"	"	"	"	"	"	
Molybdenum	**2.3**	0.29	"	"	"	"	"	"	
Nickel	**68**	0.29	"	"	"	"	"	"	
Selenium	ND	0.58	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**78**	0.29	"	"	"	"	"	"	
Zinc	**130**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.65**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-29 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0058	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0058	"	"	"	"	"	"	
beta-BHC	ND	0.0058	"	"	"	"	"	"	
delta-BHC	ND	0.0058	"	"	"	"	"	"	
Heptachlor	ND	0.0058	"	"	"	"	"	"	
Aldrin	ND	0.0058	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0058	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0058	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0058	"	"	"	"	"	"	
Endosulfan I	ND	0.0058	"	"	"	"	"	"	
4,4´-DDE	ND	0.0058	"	"	"	"	"	"	
Dieldrin	ND	0.0058	"	"	"	"	"	"	
Endrin	ND	0.0058	"	"	"	"	"	"	
4,4´-DDD	ND	0.0058	"	"	"	"	"	"	
Endosulfan II	ND	0.0058	"	"	"	"	"	"	
4,4´-DDT	ND	0.0058	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0058	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0058	"	"	"	"	"	"	
Methoxychlor	ND	0.0058	"	"	"	"	"	"	
Endrin ketone	ND	0.0058	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*33.4 %*	*35-140*		*"*	*"*	*"*	*"*	*S-03*
Surrogate: Decachlorobiphenyl		*10.8 %*	*35-140*		*"*	*"*	*"*	*"*	*S-03*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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T251615-29 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*48.1 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*39.5 %*	*35-140*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0058	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S15-1.0

T251615-29 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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T251615-29 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0058	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	ND	0.0058	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0058	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0058	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0058	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.1 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*79.1 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.35	"	"	"	"	"	"	
Aniline	ND	0.35	"	"	"	"	"	"	
Anthracene	ND	0.35	"	"	"	"	"	"	
Azobenzene	ND	0.35	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.35	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.35	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzyl alcohol	ND	0.35	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.35	"	"	"	"	"	"	
Carbazole	ND	0.35	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.35	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.35	"	"	"	"	"	"	

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Chrysene	ND	0.35	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.35	"	"	"	"	"	"	
Dibenzofuran	ND	0.35	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.35	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.35	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.35	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.35	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.35	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.35	"	"	"	"	"	"	
Fluoranthene	ND	0.35	"	"	"	"	"	"	
Fluorene	ND	0.35	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.35	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.35	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.35	"	"	"	"	"	"	
Isophorone	ND	0.35	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-29 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.35	"	"	"	"	"	"	
3-Nitroaniline	ND	0.35	"	"	"	"	"	"	
2-Nitroaniline	ND	0.35	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.35	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.35	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.35	"	"	"	"	"	"	
Pyridine	ND	0.35	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*52.8 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*55.6 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*58.6 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*61.3 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*95.9 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*88.5 %*	*18.1-105*		"	"	"	"	

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S15-1.0

T251615-29 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	**0.40**	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**85.7**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S15-2.5

T251615-30 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*89.1 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.42**	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**12**	0.058	"	"	"	"	"	"	
Barium	**110**	0.29	"	"	"	"	"	"	
Beryllium	**0.47**	0.29	"	"	"	"	"	"	
Cadmium	**0.46**	0.29	"	"	"	"	"	"	
Chromium	**42**	0.29	"	"	"	"	"	"	
Cobalt	**15**	0.29	"	"	"	"	"	"	
Copper	**28**	0.29	"	"	"	"	"	"	
Lead	**23**	0.29	"	"	"	"	"	"	
Molybdenum	**1.3**	0.29	"	"	"	"	"	"	
Nickel	**76**	0.29	"	"	"	"	"	"	
Selenium	**0.72**	0.58	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**55**	0.29	"	"	"	"	"	"	
Zinc	**160**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.63**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-30 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0058	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0058	"	"	"	"	"	"	
beta-BHC	ND	0.0058	"	"	"	"	"	"	
delta-BHC	ND	0.0058	"	"	"	"	"	"	
Heptachlor	ND	0.0058	"	"	"	"	"	"	
Aldrin	ND	0.0058	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0058	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0058	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0058	"	"	"	"	"	"	
Endosulfan I	ND	0.0058	"	"	"	"	"	"	
4,4´-DDE	ND	0.0058	"	"	"	"	"	"	
Dieldrin	ND	0.0058	"	"	"	"	"	"	
Endrin	ND	0.0058	"	"	"	"	"	"	
4,4´-DDD	ND	0.0058	"	"	"	"	"	"	
Endosulfan II	ND	0.0058	"	"	"	"	"	"	
4,4´-DDT	ND	0.0058	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0058	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0058	"	"	"	"	"	"	
Methoxychlor	ND	0.0058	"	"	"	"	"	"	
Endrin ketone	ND	0.0058	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*45.7 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*13.4 %*		*35-140*	"	"	"	"	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*38.5 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*35.1 %*	*35-140*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0058	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S15-2.5

T251615-30 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

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T251615-30 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0058	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	**0.012**	0.0058	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0058	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0058	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0058	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.0 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*82.1 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	0.35	"	"	"	"	"	"	
Aniline	ND	0.35	"	"	"	"	"	"	
Anthracene	ND	0.35	"	"	"	"	"	"	
Azobenzene	ND	0.35	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.35	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.35	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzyl alcohol	ND	0.35	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.35	"	"	"	"	"	"	
Carbazole	ND	0.35	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.35	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.35	"	"	"	"	"	"	

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Chrysene	ND	0.35	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.35	"	"	"	"	"	"	
Dibenzofuran	ND	0.35	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.35	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.35	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.35	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.35	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.35	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.35	"	"	"	"	"	"	
Fluoranthene	ND	0.35	"	"	"	"	"	"	
Fluorene	ND	0.35	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.7	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.35	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.35	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.35	"	"	"	"	"	"	
Isophorone	ND	0.35	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-30 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	0.35	"	"	"	"	"	"	
3-Nitroaniline	ND	0.35	"	"	"	"	"	"	
2-Nitroaniline	ND	0.35	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.35	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.35	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.35	"	"	"	"	"	"	
Pyridine	ND	0.35	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*55.5 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*59.2 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*61.5 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*64.6 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*92.9 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*88.5 %*	*18.1-105*		"	"	"	"	

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S15-2.5

T251615-30 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**86.4**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S32-1.0

T251615-63 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	11	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	**17**	11	"	"	"	"	"	"	D-06
C29-C40 (MORO)	**150**	11	"	"	"	"	"	"	D-06
Surrogate: p-Terphenyl		*89.0 %*		*65-135*	"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.44**	0.28	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**5.9**	0.055	"	"	"	"	"	"	
Barium	**100**	0.28	"	"	"	"	"	"	
Beryllium	**0.33**	0.28	"	"	"	"	"	"	
Cadmium	ND	0.28	"	"	"	"	"	"	
Chromium	**39**	0.28	"	"	"	"	"	"	
Cobalt	**13**	0.28	"	"	"	"	"	"	
Copper	**20**	0.28	"	"	"	"	"	"	
Lead	**44**	0.28	"	"	"	"	"	"	
Molybdenum	**0.91**	0.28	"	"	"	"	"	"	
Nickel	**72**	0.28	"	"	"	"	"	"	
Selenium	ND	0.55	"	"	"	"	"	"	
Silver	ND	0.28	"	"	"	"	"	"	
Thallium	ND	0.28	"	"	"	"	"	"	
Vanadium	**45**	0.28	"	"	"	"	"	"	
Zinc	**74**	0.28	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.44**	0.11	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.055	mg/kg dry wt. dry	10	25D0154	04/14/25	04/15/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.055	"	"	"	"	"	"	R-07
beta-BHC	ND	0.055	"	"	"	"	"	"	R-07
delta-BHC	ND	0.055	"	"	"	"	"	"	R-07
Heptachlor	ND	0.055	"	"	"	"	"	"	R-07
Aldrin	ND	0.055	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.055	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.055	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.055	"	"	"	"	"	"	R-07
Dieldrin	ND	0.055	"	"	"	"	"	"	R-07
Endrin	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.055	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.055	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.055	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.055	"	"	"	"	"	"	R-07
Toxaphene	ND	0.22	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*40.4 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*26.5 %*	*35-140*		"	"	"	"	*R-07, S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.11	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Aroclor-1221	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1232	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1242	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1248	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1254	ND	0.11	"	"	"	"	"	"	R-07

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.11	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Surrogate: Tetrachloro-meta-xylene		*40.5 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*21.6 %*	*35-140*		"	"	"	"	*R-07, S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0028	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0028	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0028	"	"	"	"	"	"	
Bromoform	ND	0.0028	"	"	"	"	"	"	
Bromomethane	ND	0.0028	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0028	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0028	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0028	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0028	"	"	"	"	"	"	
Chlorobenzene	ND	0.0028	"	"	"	"	"	"	
Chloroethane	ND	0.0028	"	"	"	"	"	"	
Chloroform	ND	0.0028	"	"	"	"	"	"	
Chloromethane	ND	0.0028	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0028	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0028	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0028	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0055	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0028	"	"	"	"	"	"	
Dibromomethane	ND	0.0028	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0028	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0028	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0028	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0028	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0028	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0028	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0028	"	"	"	"	"	"	

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0028	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0028	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0028	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0028	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0028	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0028	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0028	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0028	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0028	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0028	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0028	"	"	"	"	"	"	
Methylene chloride	ND	0.011	"	"	"	"	"	"	
Naphthalene	ND	0.0028	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0028	"	"	"	"	"	"	
Styrene	ND	0.0028	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0028	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0028	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0028	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0028	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0028	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0028	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0028	"	"	"	"	"	"	
Trichloroethene	ND	0.0028	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0028	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0028	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0028	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0028	"	"	"	"	"	"	
Vinyl chloride	ND	0.0028	"	"	"	"	"	"	
Benzene	ND	0.0028	"	"	"	"	"	"	
Toluene	ND	0.0028	"	"	"	"	"	"	
Ethylbenzene	ND	0.0028	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S32-1.0

T251615-63 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0055	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0028	"	"	"	"	"	"	
Acetone	**0.040**	0.0055	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0055	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0055	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0055	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.6 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*80.9 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									**R-07**
Acenaphthene	ND	3.3	mg/kg dry wt. dry	10	25D0157	04/14/25	04/14/25	EPA 8270C	
Acenaphthylene	ND	3.3	"	"	"	"	"	"	
Aniline	ND	3.3	"	"	"	"	"	"	
Anthracene	ND	3.3	"	"	"	"	"	"	
Azobenzene	ND	3.3	"	"	"	"	"	"	
Benzo (a) anthracene	ND	3.3	"	"	"	"	"	"	
Benzo (a) pyrene	ND	3.3	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	3.3	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	11	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	3.3	"	"	"	"	"	"	
Benzyl alcohol	ND	3.3	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	3.3	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	3.3	"	"	"	"	"	"	
Carbazole	ND	3.3	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	"	"	"	"	"	"	
4-Chloroaniline	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	3.3	"	"	"	"	"	"	
2-Chloronaphthalene	ND	3.3	"	"	"	"	"	"	

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Semivolatile Organic Compounds by EPA Method 8270C **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	11	mg/kg dry wt. dry	10	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	3.3	"	"	"	"	"	"	
Chrysene	ND	3.3	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	3.3	"	"	"	"	"	"	
Dibenzofuran	ND	3.3	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	3.3	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	11	"	"	"	"	"	"	
Diethyl phthalate	ND	3.3	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	11	"	"	"	"	"	"	
Dimethyl phthalate	ND	3.3	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	11	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	11	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	3.3	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	11	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	3.3	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	3.3	"	"	"	"	"	"	
Fluoranthene	ND	3.3	"	"	"	"	"	"	
Fluorene	ND	3.3	"	"	"	"	"	"	
Hexachlorobenzene	ND	17	"	"	"	"	"	"	
Hexachlorobutadiene	ND	3.3	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	11	"	"	"	"	"	"	
Hexachloroethane	ND	3.3	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	3.3	"	"	"	"	"	"	
Isophorone	ND	3.3	"	"	"	"	"	"	
1-Methylnaphthalene	ND	3.3	"	"	"	"	"	"	
2-Methylnaphthalene	ND	3.3	"	"	"	"	"	"	
4-Methylphenol	ND	11	"	"	"	"	"	"	
2-Methylphenol	ND	11	"	"	"	"	"	"	

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T251615-63 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	3.3	mg/kg dry wt. dry	10	25D0157	04/14/25	04/14/25	EPA 8270C	
4-Nitroaniline	ND	3.3	"	"	"	"	"	"	
3-Nitroaniline	ND	3.3	"	"	"	"	"	"	
2-Nitroaniline	ND	3.3	"	"	"	"	"	"	
Nitrobenzene	ND	11	"	"	"	"	"	"	
2-Nitrophenol	ND	11	"	"	"	"	"	"	
4-Nitrophenol	ND	11	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	3.3	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	3.3	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	3.3	"	"	"	"	"	"	
Pentachlorophenol	ND	11	"	"	"	"	"	"	
Phenanthrene	ND	3.3	"	"	"	"	"	"	
Phenol	ND	11	"	"	"	"	"	"	
Pyrene	ND	3.3	"	"	"	"	"	"	
Pyridine	ND	3.3	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	3.3	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	3.3	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	3.3	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	11	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	11	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*58.7 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*72.7 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*64.3 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*74.6 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*98.6 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*94.8 %*	*18.1-105*		"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S32-1.0

T251615-63 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.22	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**90.5**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S32-2.5

T251615-64 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	**110**	12	"	"	"	"	"	"	D-06
Surrogate: p-Terphenyl		*91.8 %*		*65-135*	"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.49**	0.31	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**12**	0.061	"	"	"	"	"	"	
Barium	**76**	0.31	"	"	"	"	"	"	
Beryllium	ND	0.31	"	"	"	"	"	"	
Cadmium	**0.35**	0.31	"	"	"	"	"	"	
Chromium	**6.3**	0.31	"	"	"	"	"	"	
Cobalt	**10**	0.31	"	"	"	"	"	"	
Copper	**22**	0.31	"	"	"	"	"	"	
Lead	**17**	0.31	"	"	"	"	"	"	
Molybdenum	**0.88**	0.31	"	"	"	"	"	"	
Nickel	**9.4**	0.31	"	"	"	"	"	"	
Selenium	ND	0.61	"	"	"	"	"	"	
Silver	ND	0.31	"	"	"	"	"	"	
Thallium	**0.38**	0.31	"	"	"	"	"	"	
Vanadium	**40**	0.31	"	"	"	"	"	"	
Zinc	**120**	0.31	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.47**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S32-2.5

T251615-64 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0061	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0061	"	"	"	"	"	"	
beta-BHC	ND	0.0061	"	"	"	"	"	"	
delta-BHC	ND	0.0061	"	"	"	"	"	"	
Heptachlor	ND	0.0061	"	"	"	"	"	"	
Aldrin	ND	0.0061	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0061	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0061	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0061	"	"	"	"	"	"	
Endosulfan I	ND	0.0061	"	"	"	"	"	"	
4,4´-DDE	ND	0.0061	"	"	"	"	"	"	
Dieldrin	ND	0.0061	"	"	"	"	"	"	
Endrin	ND	0.0061	"	"	"	"	"	"	
4,4´-DDD	ND	0.0061	"	"	"	"	"	"	
Endosulfan II	ND	0.0061	"	"	"	"	"	"	
4,4´-DDT	ND	0.0061	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0061	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0061	"	"	"	"	"	"	
Methoxychlor	ND	0.0061	"	"	"	"	"	"	
Endrin ketone	ND	0.0061	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*37.2 %*	*35-140*		*"*	*"*	*"*	*"*	
Surrogate: Decachlorobiphenyl		*10.4 %*	*35-140*		*"*	*"*	*"*	*"*	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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S32-2.5

T251615-64 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*29.5 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*7.38 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0031	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0031	"	"	"	"	"	"	
Bromoform	ND	0.0031	"	"	"	"	"	"	
Bromomethane	ND	0.0031	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0031	"	"	"	"	"	"	
Chlorobenzene	ND	0.0031	"	"	"	"	"	"	
Chloroethane	ND	0.0031	"	"	"	"	"	"	
Chloroform	ND	0.0031	"	"	"	"	"	"	
Chloromethane	ND	0.0031	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0061	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0031	"	"	"	"	"	"	
Dibromomethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0031	"	"	"	"	"	"	

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T251615-64 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0031	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0031	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0031	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0031	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0031	"	"	"	"	"	"	
Styrene	ND	0.0031	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
Trichloroethene	ND	0.0031	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
Vinyl chloride	ND	0.0031	"	"	"	"	"	"	
Benzene	ND	0.0031	"	"	"	"	"	"	
Toluene	ND	0.0031	"	"	"	"	"	"	
Ethylbenzene	ND	0.0031	"	"	"	"	"	"	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S32-2.5

T251615-64 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0061	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0031	"	"	"	"	"	"	
Acetone	ND	0.0061	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0061	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0061	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0061	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.3 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*83.0 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.37	"	"	"	"	"	"	
Aniline	ND	0.37	"	"	"	"	"	"	
Anthracene	ND	0.37	"	"	"	"	"	"	
Azobenzene	ND	0.37	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.37	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.37	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzyl alcohol	ND	0.37	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.37	"	"	"	"	"	"	
Carbazole	ND	0.37	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.37	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.37	"	"	"	"	"	"	

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T251615-64 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Chrysene	ND	0.37	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.37	"	"	"	"	"	"	
Dibenzofuran	ND	0.37	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.37	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.37	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.37	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.37	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.37	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.37	"	"	"	"	"	"	
Fluoranthene	ND	0.37	"	"	"	"	"	"	
Fluorene	ND	0.37	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.37	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.37	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.37	"	"	"	"	"	"	
Isophorone	ND	0.37	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-64 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.37	"	"	"	"	"	"	
3-Nitroaniline	ND	0.37	"	"	"	"	"	"	
2-Nitroaniline	ND	0.37	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.37	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.37	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.37	"	"	"	"	"	"	
Pyridine	ND	0.37	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*50.0 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*54.8 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*58.0 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*64.1 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*91.8 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*85.9 %*	*18.1-105*		"	"	"	"	

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S32-2.5

T251615-64 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**81.8**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S36-1.0

T251615-71 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**18**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

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S36-2.5

T251615-72 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**14**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

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S37-1.0

T251615-73 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**80**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

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S37-2.5

T251615-74 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**13**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

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S38-1.0

T251615-75 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**26**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

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S38-2.5

T251615-76 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**21**	0.25	mg/kg dry wt. wet	1	25D0202	04/11/25	04/17/25	6020 ICP-MS	

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S39-1.0

T251615-77 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	11	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	11	"	"	"	"	"	"	
C29-C40 (MORO)	**160**	11	"	"	"	"	"	"	D-06
Surrogate: p-Terphenyl		*88.5 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.48**	0.27	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**10**	0.055	"	"	"	"	"	"	
Barium	**67**	0.27	"	"	"	"	"	"	
Beryllium	ND	0.27	"	"	"	"	"	"	
Cadmium	**0.32**	0.27	"	"	"	"	"	"	
Chromium	**5.3**	0.27	"	"	"	"	"	"	
Cobalt	**8.8**	0.27	"	"	"	"	"	"	
Copper	**19**	0.27	"	"	"	"	"	"	
Lead	**15**	0.27	"	"	"	"	"	"	
Molybdenum	**0.77**	0.27	"	"	"	"	"	"	
Nickel	**8.0**	0.27	"	"	"	"	"	"	
Selenium	**0.56**	0.55	"	"	"	"	"	"	
Silver	ND	0.27	"	"	"	"	"	"	
Thallium	**0.35**	0.27	"	"	"	"	"	"	
Vanadium	**35**	0.27	"	"	"	"	"	"	
Zinc	**110**	0.27	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.42**	0.11	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-77 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.055	mg/kg dry wt. dry	10	25D0154	04/14/25	04/15/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.055	"	"	"	"	"	"	R-07
beta-BHC	ND	0.055	"	"	"	"	"	"	R-07
delta-BHC	ND	0.055	"	"	"	"	"	"	R-07
Heptachlor	ND	0.055	"	"	"	"	"	"	R-07
Aldrin	ND	0.055	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.055	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.055	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.055	"	"	"	"	"	"	R-07
Dieldrin	ND	0.055	"	"	"	"	"	"	R-07
Endrin	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.055	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.055	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.055	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.055	"	"	"	"	"	"	R-07
Toxaphene	ND	0.22	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*61.9 %*	*35-140*		*"*	*"*	*"*	*"*	*R-07*
Surrogate: Decachlorobiphenyl		*27.2 %*	*35-140*		*"*	*"*	*"*	*"*	*R-07, S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.11	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Aroclor-1221	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1232	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1242	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1248	ND	0.11	"	"	"	"	"	"	R-07
Aroclor-1254	ND	0.11	"	"	"	"	"	"	R-07

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S39-1.0

T251615-77 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.11	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Surrogate: Tetrachloro-meta-xylene		*51.7 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*16.9 %*	*35-140*		"	"	"	"	*R-07, S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0027	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0027	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0027	"	"	"	"	"	"	
Bromoform	ND	0.0027	"	"	"	"	"	"	
Bromomethane	ND	0.0027	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0027	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0027	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0027	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0027	"	"	"	"	"	"	
Chlorobenzene	ND	0.0027	"	"	"	"	"	"	
Chloroethane	ND	0.0027	"	"	"	"	"	"	
Chloroform	ND	0.0027	"	"	"	"	"	"	
Chloromethane	ND	0.0027	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0027	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0027	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0027	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0055	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0027	"	"	"	"	"	"	
Dibromomethane	ND	0.0027	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0027	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0027	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0027	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0027	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0027	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0027	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0027	"	"	"	"	"	"	

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T251615-77 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0027	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0027	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0027	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0027	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0027	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0027	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0027	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0027	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0027	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0027	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0027	"	"	"	"	"	"	
Methylene chloride	ND	0.011	"	"	"	"	"	"	
Naphthalene	ND	0.0027	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0027	"	"	"	"	"	"	
Styrene	ND	0.0027	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0027	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0027	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0027	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0027	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0027	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0027	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0027	"	"	"	"	"	"	
Trichloroethene	ND	0.0027	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0027	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0027	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0027	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0027	"	"	"	"	"	"	
Vinyl chloride	ND	0.0027	"	"	"	"	"	"	
Benzene	ND	0.0027	"	"	"	"	"	"	
Toluene	ND	0.0027	"	"	"	"	"	"	
Ethylbenzene	ND	0.0027	"	"	"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0055	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0027	"	"	"	"	"	"	
Acetone	ND	0.0055	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0055	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0055	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0055	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.8 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*79.9 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									**R-07**
Acenaphthene	ND	3.3	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	3.3	"	"	"	"	"	"	
Aniline	ND	3.3	"	"	"	"	"	"	
Anthracene	ND	3.3	"	"	"	"	"	"	
Azobenzene	ND	3.3	"	"	"	"	"	"	
Benzo (a) anthracene	ND	3.3	"	"	"	"	"	"	
Benzo (a) pyrene	ND	3.3	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	3.3	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	11	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	3.3	"	"	"	"	"	"	
Benzyl alcohol	ND	3.3	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	3.3	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	3.3	"	"	"	"	"	"	
Carbazole	ND	3.3	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	"	"	"	"	"	"	
4-Chloroaniline	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	3.3	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	3.3	"	"	"	"	"	"	
2-Chloronaphthalene	ND	3.3	"	"	"	"	"	"	

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T251615-77 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	11	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	3.3	"	"	"	"	"	"	
Chrysene	ND	3.3	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	3.3	"	"	"	"	"	"	
Dibenzofuran	ND	3.3	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	3.3	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	3.3	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	11	"	"	"	"	"	"	
Diethyl phthalate	ND	3.3	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	11	"	"	"	"	"	"	
Dimethyl phthalate	ND	3.3	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	11	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	11	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	3.3	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	11	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	3.3	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	3.3	"	"	"	"	"	"	
Fluoranthene	ND	3.3	"	"	"	"	"	"	
Fluorene	ND	3.3	"	"	"	"	"	"	
Hexachlorobenzene	ND	16	"	"	"	"	"	"	
Hexachlorobutadiene	ND	3.3	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	11	"	"	"	"	"	"	
Hexachloroethane	ND	3.3	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	3.3	"	"	"	"	"	"	
Isophorone	ND	3.3	"	"	"	"	"	"	
1-Methylnaphthalene	ND	3.3	"	"	"	"	"	"	
2-Methylnaphthalene	ND	3.3	"	"	"	"	"	"	
4-Methylphenol	ND	11	"	"	"	"	"	"	
2-Methylphenol	ND	11	"	"	"	"	"	"	

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T251615-77 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	3.3	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	3.3	"	"	"	"	"	"	
3-Nitroaniline	ND	3.3	"	"	"	"	"	"	
2-Nitroaniline	ND	3.3	"	"	"	"	"	"	
Nitrobenzene	ND	11	"	"	"	"	"	"	
2-Nitrophenol	ND	11	"	"	"	"	"	"	
4-Nitrophenol	ND	11	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	3.3	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	3.3	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	3.3	"	"	"	"	"	"	
Pentachlorophenol	ND	11	"	"	"	"	"	"	
Phenanthrene	ND	3.3	"	"	"	"	"	"	
Phenol	ND	11	"	"	"	"	"	"	
Pyrene	ND	3.3	"	"	"	"	"	"	
Pyridine	ND	3.3	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	3.3	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	3.3	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	3.3	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	11	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	11	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*74.3 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*71.4 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*71.9 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*76.6 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*106 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*89.3 %*	*18.1-105*		"	"	"	"	

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S39-1.0

T251615-77 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.22	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**91.7**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S39-2.5

T251615-78 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*87.9 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.43**	0.31	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**5.3**	0.062	"	"	"	"	"	"	
Barium	**360**	0.31	"	"	"	"	"	"	
Beryllium	**0.62**	0.31	"	"	"	"	"	"	
Cadmium	**0.32**	0.31	"	"	"	"	"	"	
Chromium	**37**	0.31	"	"	"	"	"	"	
Cobalt	**13**	0.31	"	"	"	"	"	"	
Copper	**36**	0.31	"	"	"	"	"	"	
Lead	**69**	0.31	"	"	"	"	"	"	
Molybdenum	**0.46**	0.31	"	"	"	"	"	"	
Nickel	**57**	0.31	"	"	"	"	"	"	
Selenium	ND	0.62	"	"	"	"	"	"	
Silver	ND	0.31	"	"	"	"	"	"	
Thallium	ND	0.31	"	"	"	"	"	"	
Vanadium	**56**	0.31	"	"	"	"	"	"	
Zinc	**99**	0.31	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-78 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0062	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0062	"	"	"	"	"	"	
beta-BHC	ND	0.0062	"	"	"	"	"	"	
delta-BHC	ND	0.0062	"	"	"	"	"	"	
Heptachlor	ND	0.0062	"	"	"	"	"	"	
Aldrin	ND	0.0062	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0062	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0062	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0062	"	"	"	"	"	"	
Endosulfan I	ND	0.0062	"	"	"	"	"	"	
4,4´-DDE	ND	0.0062	"	"	"	"	"	"	
Dieldrin	ND	0.0062	"	"	"	"	"	"	
Endrin	ND	0.0062	"	"	"	"	"	"	
4,4´-DDD	ND	0.0062	"	"	"	"	"	"	
Endosulfan II	ND	0.0062	"	"	"	"	"	"	
4,4´-DDT	ND	0.0062	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0062	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0062	"	"	"	"	"	"	
Methoxychlor	ND	0.0062	"	"	"	"	"	"	
Endrin ketone	ND	0.0062	"	"	"	"	"	"	
Toxaphene	ND	0.025	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*45.6 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*10.7 %*		*35-140*	"	"	"	"	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S39-2.5

T251615-78 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*33.1 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*12.9 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0031	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0031	"	"	"	"	"	"	
Bromoform	ND	0.0031	"	"	"	"	"	"	
Bromomethane	ND	0.0031	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0031	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0031	"	"	"	"	"	"	
Chlorobenzene	ND	0.0031	"	"	"	"	"	"	
Chloroethane	ND	0.0031	"	"	"	"	"	"	
Chloroform	ND	0.0031	"	"	"	"	"	"	
Chloromethane	ND	0.0031	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0031	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0062	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0031	"	"	"	"	"	"	
Dibromomethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0031	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0031	"	"	"	"	"	"	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

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T251615-78 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0031	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0031	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0031	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0031	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0031	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0031	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0031	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0031	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0031	"	"	"	"	"	"	
Styrene	ND	0.0031	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0031	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0031	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0031	"	"	"	"	"	"	
Trichloroethene	ND	0.0031	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0031	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0031	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0031	"	"	"	"	"	"	
Vinyl chloride	ND	0.0031	"	"	"	"	"	"	
Benzene	ND	0.0031	"	"	"	"	"	"	
Toluene	ND	0.0031	"	"	"	"	"	"	
Ethylbenzene	ND	0.0031	"	"	"	"	"	"	

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T251615-78 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0062	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0031	"	"	"	"	"	"	
Acetone	**0.024**	0.0062	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0062	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0062	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0062	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.0 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.6 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.37	"	"	"	"	"	"	
Aniline	ND	0.37	"	"	"	"	"	"	
Anthracene	ND	0.37	"	"	"	"	"	"	
Azobenzene	ND	0.37	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.37	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.37	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.37	"	"	"	"	"	"	
Benzyl alcohol	ND	0.37	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.37	"	"	"	"	"	"	
Carbazole	ND	0.37	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.37	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.37	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.37	"	"	"	"	"	"	

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.37	"	"	"	"	"	"	
Chrysene	ND	0.37	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.37	"	"	"	"	"	"	
Dibenzofuran	ND	0.37	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.37	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.37	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.37	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.37	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.37	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.37	"	"	"	"	"	"	
Fluoranthene	ND	0.37	"	"	"	"	"	"	
Fluorene	ND	0.37	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.9	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.37	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.37	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.37	"	"	"	"	"	"	
Isophorone	ND	0.37	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.37	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.37	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.37	"	"	"	"	"	"	
3-Nitroaniline	ND	0.37	"	"	"	"	"	"	
2-Nitroaniline	ND	0.37	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.37	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.37	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.37	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.37	"	"	"	"	"	"	
Pyridine	ND	0.37	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.37	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*52.7 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*56.1 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*59.8 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*59.2 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*94.3 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*84.8 %*	*18.1-105*		"	"	"	"	

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S39-2.5

T251615-78 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.25	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**81.1**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S40-1.0

T251615-79 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	**130**	12	"	"	"	"	"	"	D-06
Surrogate: p-Terphenyl		*88.7 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	**0.44**	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**12**	0.058	"	"	"	"	"	"	
Barium	**140**	0.29	"	"	"	"	"	"	
Beryllium	**0.32**	0.29	"	"	"	"	"	"	
Cadmium	**0.59**	0.29	"	"	"	"	"	"	
Chromium	**15**	0.29	"	"	"	"	"	"	
Cobalt	**15**	0.29	"	"	"	"	"	"	
Copper	**24**	0.29	"	"	"	"	"	"	
Lead	**49**	0.29	"	"	"	"	"	"	
Molybdenum	**0.75**	0.29	"	"	"	"	"	"	
Nickel	**25**	0.29	"	"	"	"	"	"	
Selenium	ND	0.58	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**56**	0.29	"	"	"	"	"	"	
Zinc	**180**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.37**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-79 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.058	mg/kg dry wt. dry	10	25D0154	04/14/25	04/15/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.058	"	"	"	"	"	"	R-07
beta-BHC	ND	0.058	"	"	"	"	"	"	R-07
delta-BHC	ND	0.058	"	"	"	"	"	"	R-07
Heptachlor	ND	0.058	"	"	"	"	"	"	R-07
Aldrin	ND	0.058	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.058	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.058	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.058	"	"	"	"	"	"	R-07
Dieldrin	ND	0.058	"	"	"	"	"	"	R-07
Endrin	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.058	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.058	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.058	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.058	"	"	"	"	"	"	R-07
Toxaphene	ND	0.23	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*64.4 %*	*35-140*		*"*	*"*	*"*	*"*	*R-07*
Surrogate: Decachlorobiphenyl		*30.3 %*	*35-140*		*"*	*"*	*"*	*"*	*R-07, S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.12	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Aroclor-1221	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1232	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1242	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1248	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1254	ND	0.12	"	"	"	"	"	"	R-07

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T251615-79 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.12	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Surrogate: Tetrachloro-meta-xylene		*48.3 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*18.7 %*	*35-140*		"	"	"	"	*R-07, S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0058	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S40-1.0

T251615-79 (Soil)

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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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T251615-79 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0058	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	ND	0.0058	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0058	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0058	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0058	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.8 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.8 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									**R-07**
Acenaphthene	ND	3.5	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	3.5	"	"	"	"	"	"	
Aniline	ND	3.5	"	"	"	"	"	"	
Anthracene	ND	3.5	"	"	"	"	"	"	
Azobenzene	ND	3.5	"	"	"	"	"	"	
Benzo (a) anthracene	ND	3.5	"	"	"	"	"	"	
Benzo (a) pyrene	ND	3.5	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	3.5	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	12	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	3.5	"	"	"	"	"	"	
Benzyl alcohol	ND	3.5	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	3.5	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	3.5	"	"	"	"	"	"	
Carbazole	ND	3.5	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	12	"	"	"	"	"	"	
4-Chloroaniline	ND	3.5	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	3.5	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	3.5	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	3.5	"	"	"	"	"	"	
2-Chloronaphthalene	ND	3.5	"	"	"	"	"	"	

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Semivolatile Organic Compounds by EPA Method 8270C **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	12	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	3.5	"	"	"	"	"	"	
Chrysene	ND	3.5	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	3.5	"	"	"	"	"	"	
Dibenzofuran	ND	3.5	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	3.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	3.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	3.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	3.5	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	12	"	"	"	"	"	"	
Diethyl phthalate	ND	3.5	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	12	"	"	"	"	"	"	
Dimethyl phthalate	ND	3.5	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	12	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	12	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	3.5	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	12	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	3.5	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	3.5	"	"	"	"	"	"	
Fluoranthene	ND	3.5	"	"	"	"	"	"	
Fluorene	ND	3.5	"	"	"	"	"	"	
Hexachlorobenzene	ND	17	"	"	"	"	"	"	
Hexachlorobutadiene	ND	3.5	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	12	"	"	"	"	"	"	
Hexachloroethane	ND	3.5	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	3.5	"	"	"	"	"	"	
Isophorone	ND	3.5	"	"	"	"	"	"	
1-Methylnaphthalene	ND	3.5	"	"	"	"	"	"	
2-Methylnaphthalene	ND	3.5	"	"	"	"	"	"	
4-Methylphenol	ND	12	"	"	"	"	"	"	
2-Methylphenol	ND	12	"	"	"	"	"	"	

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T251615-79 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C **R-07**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	3.5	mg/kg dry wt. dry	10	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	3.5	"	"	"	"	"	"	
3-Nitroaniline	ND	3.5	"	"	"	"	"	"	
2-Nitroaniline	ND	3.5	"	"	"	"	"	"	
Nitrobenzene	ND	12	"	"	"	"	"	"	
2-Nitrophenol	ND	12	"	"	"	"	"	"	
4-Nitrophenol	ND	12	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	3.5	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	3.5	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	3.5	"	"	"	"	"	"	
Pentachlorophenol	ND	12	"	"	"	"	"	"	
Phenanthrene	ND	3.5	"	"	"	"	"	"	
Phenol	ND	12	"	"	"	"	"	"	
Pyrene	ND	3.5	"	"	"	"	"	"	
Pyridine	ND	3.5	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	3.5	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	3.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	3.5	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	12	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	12	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*63.9 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*61.1 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*64.0 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*63.2 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*93.4 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*80.6 %*	*18.1-105*		"	"	"	"	

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S40-1.0

T251615-79 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	**0.42**	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**86.5**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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T251615-80 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*92.4 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**5.4**	0.059	"	"	"	"	"	"	
Barium	**270**	0.29	"	"	"	"	"	"	
Beryllium	**0.66**	0.29	"	"	"	"	"	"	
Cadmium	ND	0.29	"	"	"	"	"	"	
Chromium	**70**	0.29	"	"	"	"	"	"	
Cobalt	**17**	0.29	"	"	"	"	"	"	
Copper	**32**	0.29	"	"	"	"	"	"	
Lead	**10**	0.29	"	"	"	"	"	"	
Molybdenum	**0.53**	0.29	"	"	"	"	"	"	
Nickel	**130**	0.29	"	"	"	"	"	"	
Selenium	ND	0.59	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**60**	0.29	"	"	"	"	"	"	
Zinc	**47**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.46**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-80 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0059	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0059	"	"	"	"	"	"	
beta-BHC	ND	0.0059	"	"	"	"	"	"	
delta-BHC	ND	0.0059	"	"	"	"	"	"	
Heptachlor	ND	0.0059	"	"	"	"	"	"	
Aldrin	ND	0.0059	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0059	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0059	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0059	"	"	"	"	"	"	
Endosulfan I	ND	0.0059	"	"	"	"	"	"	
4,4´-DDE	ND	0.0059	"	"	"	"	"	"	
Dieldrin	ND	0.0059	"	"	"	"	"	"	
Endrin	ND	0.0059	"	"	"	"	"	"	
4,4´-DDD	ND	0.0059	"	"	"	"	"	"	
Endosulfan II	ND	0.0059	"	"	"	"	"	"	
4,4´-DDT	ND	0.0059	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0059	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0059	"	"	"	"	"	"	
Methoxychlor	ND	0.0059	"	"	"	"	"	"	
Endrin ketone	ND	0.0059	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*48.4 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*14.5 %*	*35-140*		"	"	"	"	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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T251615-80 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*38.7 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*14.0 %*	*35-140*		"	"	"	"	*S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0059	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S40-2.5

T251615-80 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

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T251615-80 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0059	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	**0.028**	0.0059	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0059	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0059	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0059	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.5 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.3 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.35	"	"	"	"	"	"	
Aniline	ND	0.35	"	"	"	"	"	"	
Anthracene	ND	0.35	"	"	"	"	"	"	
Azobenzene	ND	0.35	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.35	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.35	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzyl alcohol	ND	0.35	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.35	"	"	"	"	"	"	
Carbazole	ND	0.35	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.35	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.35	"	"	"	"	"	"	

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T251615-80 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Chrysene	ND	0.35	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.35	"	"	"	"	"	"	
Dibenzofuran	ND	0.35	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.35	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.35	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.35	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.35	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.35	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.35	"	"	"	"	"	"	
Fluoranthene	ND	0.35	"	"	"	"	"	"	
Fluorene	ND	0.35	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.35	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.35	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.35	"	"	"	"	"	"	
Isophorone	ND	0.35	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-80 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.35	"	"	"	"	"	"	
3-Nitroaniline	ND	0.35	"	"	"	"	"	"	
2-Nitroaniline	ND	0.35	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.35	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.35	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.35	"	"	"	"	"	"	
Pyridine	ND	0.35	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*57.1 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*59.6 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*61.2 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*64.8 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*93.6 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*86.8 %*	*18.1-105*		"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S40-2.5

T251615-80 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**85.5**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S42-1.0

T251615-81 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/10/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	**150**	12	"	"	"	"	"	"	D-06
Surrogate: p-Terphenyl		*89.2 %*		*65-135*	"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.30	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**4.7**	0.060	"	"	"	"	"	"	
Barium	**78**	0.30	"	"	"	"	"	"	
Beryllium	ND	0.30	"	"	"	"	"	"	
Cadmium	ND	0.30	"	"	"	"	"	"	
Chromium	**52**	0.30	"	"	"	"	"	"	
Cobalt	**15**	0.30	"	"	"	"	"	"	
Copper	**42**	0.30	"	"	"	"	"	"	
Lead	**3.5**	0.30	"	"	"	"	"	"	
Molybdenum	**0.35**	0.30	"	"	"	"	"	"	
Nickel	**48**	0.30	"	"	"	"	"	"	
Selenium	ND	0.60	"	"	"	"	"	"	
Silver	ND	0.30	"	"	"	"	"	"	
Thallium	ND	0.30	"	"	"	"	"	"	
Vanadium	**160**	0.30	"	"	"	"	"	"	
Zinc	**43**	0.30	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.59**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-81 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.060	mg/kg dry wt. dry	10	25D0154	04/14/25	04/15/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.060	"	"	"	"	"	"	R-07
beta-BHC	ND	0.060	"	"	"	"	"	"	R-07
delta-BHC	ND	0.060	"	"	"	"	"	"	R-07
Heptachlor	ND	0.060	"	"	"	"	"	"	R-07
Aldrin	ND	0.060	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.060	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.060	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.060	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.060	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.060	"	"	"	"	"	"	R-07
Dieldrin	ND	0.060	"	"	"	"	"	"	R-07
Endrin	ND	0.060	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.060	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.060	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.060	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.060	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.060	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.060	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.060	"	"	"	"	"	"	R-07
Toxaphene	ND	0.24	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*69.0 %*	*35-140*		*"*	*"*	*"*	*"*	*R-07*
Surrogate: Decachlorobiphenyl		*38.3 %*	*35-140*		*"*	*"*	*"*	*"*	*R-07*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.12	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Aroclor-1221	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1232	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1242	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1248	ND	0.12	"	"	"	"	"	"	R-07
Aroclor-1254	ND	0.12	"	"	"	"	"	"	R-07

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T251615-81 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.12	mg/kg dry wt. dry	10	25D0156	04/14/25	04/14/25	EPA 8082	R-07
Surrogate: Tetrachloro-meta-xylene		*51.4 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*20.5 %*	*35-140*		"	"	"	"	*R-07, S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
Bromochloromethane	ND	0.0030	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0030	"	"	"	"	"	"	
Bromoform	ND	0.0030	"	"	"	"	"	"	
Bromomethane	ND	0.0030	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0030	"	"	"	"	"	"	
Chlorobenzene	ND	0.0030	"	"	"	"	"	"	
Chloroethane	ND	0.0030	"	"	"	"	"	"	
Chloroform	ND	0.0030	"	"	"	"	"	"	
Chloromethane	ND	0.0030	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0060	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0030	"	"	"	"	"	"	
Dibromomethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0030	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S42-1.0

T251615-81 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0030	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0030	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0030	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0030	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0030	"	"	"	"	"	"	
Styrene	ND	0.0030	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
Trichloroethene	ND	0.0030	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
Vinyl chloride	ND	0.0030	"	"	"	"	"	"	
Benzene	ND	0.0030	"	"	"	"	"	"	
Toluene	ND	0.0030	"	"	"	"	"	"	
Ethylbenzene	ND	0.0030	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

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T251615-81 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0060	mg/kg dry wt. dry	1	25D0145	04/09/25	04/09/25	EPA 8260B	
o-Xylene	ND	0.0030	"	"	"	"	"	"	
Acetone	**0.015**	0.0060	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0060	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0060	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0060	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.8 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*80.0 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.36	"	"	"	"	"	"	
Aniline	ND	0.36	"	"	"	"	"	"	
Anthracene	ND	0.36	"	"	"	"	"	"	
Azobenzene	ND	0.36	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.36	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.36	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzyl alcohol	ND	0.36	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.36	"	"	"	"	"	"	
Carbazole	ND	0.36	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.36	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.36	"	"	"	"	"	"	

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T251615-81 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Chrysene	ND	0.36	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.36	"	"	"	"	"	"	
Dibenzofuran	ND	0.36	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.36	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.36	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.36	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.36	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.36	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.36	"	"	"	"	"	"	
Fluoranthene	ND	0.36	"	"	"	"	"	"	
Fluorene	ND	0.36	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.36	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.36	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.36	"	"	"	"	"	"	
Isophorone	ND	0.36	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-81 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.36	"	"	"	"	"	"	
3-Nitroaniline	ND	0.36	"	"	"	"	"	"	
2-Nitroaniline	ND	0.36	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.36	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.36	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.36	"	"	"	"	"	"	
Pyridine	ND	0.36	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*71.4 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*68.9 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*66.8 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*68.6 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*91.8 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*88.0 %*	*18.1-105*		"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S42-1.0

T251615-81 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**83.1**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S42-2.5

T251615-82 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/11/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*88.1 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**3.7**	0.058	"	"	"	"	"	"	
Barium	**170**	0.29	"	"	"	"	"	"	
Beryllium	**0.43**	0.29	"	"	"	"	"	"	
Cadmium	ND	0.29	"	"	"	"	"	"	
Chromium	**45**	0.29	"	"	"	"	"	"	
Cobalt	**17**	0.29	"	"	"	"	"	"	
Copper	**32**	0.29	"	"	"	"	"	"	
Lead	**42**	0.29	"	"	"	"	"	"	
Molybdenum	ND	0.29	"	"	"	"	"	"	
Nickel	**85**	0.29	"	"	"	"	"	"	
Selenium	ND	0.58	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**79**	0.29	"	"	"	"	"	"	
Zinc	**95**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.29**	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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S42-2.5

T251615-82 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0058	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0058	"	"	"	"	"	"	
beta-BHC	ND	0.0058	"	"	"	"	"	"	
delta-BHC	ND	0.0058	"	"	"	"	"	"	
Heptachlor	ND	0.0058	"	"	"	"	"	"	
Aldrin	ND	0.0058	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0058	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0058	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0058	"	"	"	"	"	"	
Endosulfan I	ND	0.0058	"	"	"	"	"	"	
4,4´-DDE	ND	0.0058	"	"	"	"	"	"	
Dieldrin	ND	0.0058	"	"	"	"	"	"	
Endrin	ND	0.0058	"	"	"	"	"	"	
4,4´-DDD	ND	0.0058	"	"	"	"	"	"	
Endosulfan II	ND	0.0058	"	"	"	"	"	"	
4,4´-DDT	ND	0.0058	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0058	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0058	"	"	"	"	"	"	
Methoxychlor	ND	0.0058	"	"	"	"	"	"	
Endrin ketone	ND	0.0058	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*36.9 %*	*35-140*		*"*	*"*	*"*	*"*	
Surrogate: Decachlorobiphenyl		*11.4 %*	*35-140*		*"*	*"*	*"*	*"*	*S-GC*
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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S42-2.5

T251615-82 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*38.3 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*10.2 %*	*35-140*		"	"	"	"	*S-GC*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0058	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S42-2.5

T251615-82 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
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S42-2.5

T251615-82 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0058	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	**0.021**	0.0058	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0058	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0058	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0058	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.8 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*80.2 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.35	"	"	"	"	"	"	
Aniline	ND	0.35	"	"	"	"	"	"	
Anthracene	ND	0.35	"	"	"	"	"	"	
Azobenzene	ND	0.35	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.35	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.35	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.35	"	"	"	"	"	"	
Benzyl alcohol	ND	0.35	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.35	"	"	"	"	"	"	
Carbazole	ND	0.35	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.35	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.35	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.35	"	"	"	"	"	"	

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T251615-82 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.35	"	"	"	"	"	"	
Chrysene	ND	0.35	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.35	"	"	"	"	"	"	
Dibenzofuran	ND	0.35	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.35	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.35	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.35	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.35	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.35	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.35	"	"	"	"	"	"	
Fluoranthene	ND	0.35	"	"	"	"	"	"	
Fluorene	ND	0.35	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.7	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.35	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.35	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.35	"	"	"	"	"	"	
Isophorone	ND	0.35	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.35	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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T251615-82 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.35	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.35	"	"	"	"	"	"	
3-Nitroaniline	ND	0.35	"	"	"	"	"	"	
2-Nitroaniline	ND	0.35	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.35	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.35	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.35	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.35	"	"	"	"	"	"	
Pyridine	ND	0.35	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.35	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.35	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*54.0 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*61.0 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*61.2 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*62.0 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*89.4 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*82.3 %*	*18.1-105*		"	"	"	"	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S42-2.5

T251615-82 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**85.8**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S43-1.0

T251615-83 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	11	mg/kg dry wt. dry	1	25D0138	04/09/25	04/11/25	EPA 8015B	
C13-C28 (DRO)	ND	11	"	"	"	"	"	"	
C29-C40 (MORO)	ND	11	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*89.1 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/16/25	6020 ICP-MS	
Arsenic	**3.7**	0.057	"	"	"	"	"	"	
Barium	**200**	0.29	"	"	"	"	"	"	
Beryllium	**0.43**	0.29	"	"	"	"	"	"	
Cadmium	ND	0.29	"	"	"	"	"	"	
Chromium	**28**	0.29	"	"	"	"	"	"	
Cobalt	**12**	0.29	"	"	"	"	"	"	
Copper	**14**	0.29	"	"	"	"	"	"	
Lead	**8.3**	0.29	"	"	"	"	"	"	
Molybdenum	**0.31**	0.29	"	"	"	"	"	"	
Nickel	**36**	0.29	"	"	"	"	"	"	
Selenium	ND	0.57	"	"	"	"	"	"	
Silver	ND	0.29	"	"	"	"	"	"	
Thallium	ND	0.29	"	"	"	"	"	"	
Vanadium	**31**	0.29	"	"	"	"	"	"	
Zinc	**29**	0.29	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.11	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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T251615-83 (Soil)

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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	0.0057	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0057	"	"	"	"	"	"	
beta-BHC	ND	0.0057	"	"	"	"	"	"	
delta-BHC	ND	0.0057	"	"	"	"	"	"	
Heptachlor	ND	0.0057	"	"	"	"	"	"	
Aldrin	ND	0.0057	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0057	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0057	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0057	"	"	"	"	"	"	
Endosulfan I	ND	0.0057	"	"	"	"	"	"	
4,4´-DDE	ND	0.0057	"	"	"	"	"	"	
Dieldrin	ND	0.0057	"	"	"	"	"	"	
Endrin	ND	0.0057	"	"	"	"	"	"	
4,4´-DDD	ND	0.0057	"	"	"	"	"	"	
Endosulfan II	ND	0.0057	"	"	"	"	"	"	
4,4´-DDT	ND	0.0057	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0057	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0057	"	"	"	"	"	"	
Methoxychlor	ND	0.0057	"	"	"	"	"	"	
Endrin ketone	ND	0.0057	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*50.4 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*21.0 %*		*35-140*	"	"	"	"	*S-GC*

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aroclor-1016	ND	0.011	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.011	"	"	"	"	"	"	
Aroclor-1232	ND	0.011	"	"	"	"	"	"	
Aroclor-1242	ND	0.011	"	"	"	"	"	"	
Aroclor-1248	ND	0.011	"	"	"	"	"	"	
Aroclor-1254	ND	0.011	"	"	"	"	"	"	

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T251615-83 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.011	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*41.8 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*54.3 %*	*35-140*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0029	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0029	"	"	"	"	"	"	
Bromoform	ND	0.0029	"	"	"	"	"	"	
Bromomethane	ND	0.0029	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0029	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0029	"	"	"	"	"	"	
Chlorobenzene	ND	0.0029	"	"	"	"	"	"	
Chloroethane	ND	0.0029	"	"	"	"	"	"	
Chloroform	ND	0.0029	"	"	"	"	"	"	
Chloromethane	ND	0.0029	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0029	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0057	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0029	"	"	"	"	"	"	
Dibromomethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0029	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0029	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S43-1.0

T251615-83 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0029	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0029	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0029	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0029	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0029	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0029	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0029	"	"	"	"	"	"	
Methylene chloride	ND	0.011	"	"	"	"	"	"	
Naphthalene	ND	0.0029	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0029	"	"	"	"	"	"	
Styrene	ND	0.0029	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0029	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0029	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0029	"	"	"	"	"	"	
Trichloroethene	ND	0.0029	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0029	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0029	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0029	"	"	"	"	"	"	
Vinyl chloride	ND	0.0029	"	"	"	"	"	"	
Benzene	ND	0.0029	"	"	"	"	"	"	
Toluene	ND	0.0029	"	"	"	"	"	"	
Ethylbenzene	ND	0.0029	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

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T251615-83 (Soil)

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0057	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0029	"	"	"	"	"	"	
Acetone	**0.011**	0.0057	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0057	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0057	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0057	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.1 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.2 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.34	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.34	"	"	"	"	"	"	
Aniline	ND	0.34	"	"	"	"	"	"	
Anthracene	ND	0.34	"	"	"	"	"	"	
Azobenzene	ND	0.34	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.34	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.34	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.34	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.1	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.34	"	"	"	"	"	"	
Benzyl alcohol	ND	0.34	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.34	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.34	"	"	"	"	"	"	
Carbazole	ND	0.34	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.1	"	"	"	"	"	"	
4-Chloroaniline	ND	0.34	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.34	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.34	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.34	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.34	"	"	"	"	"	"	

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T251615-83 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.1	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.34	"	"	"	"	"	"	
Chrysene	ND	0.34	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.34	"	"	"	"	"	"	
Dibenzofuran	ND	0.34	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.34	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.34	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.34	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.34	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.1	"	"	"	"	"	"	
Diethyl phthalate	ND	0.34	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.1	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.34	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.1	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.1	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.34	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.1	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.34	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.34	"	"	"	"	"	"	
Fluoranthene	ND	0.34	"	"	"	"	"	"	
Fluorene	ND	0.34	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.7	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.1	"	"	"	"	"	"	
Hexachloroethane	ND	0.34	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.34	"	"	"	"	"	"	
Isophorone	ND	0.34	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.34	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.34	"	"	"	"	"	"	
4-Methylphenol	ND	1.1	"	"	"	"	"	"	
2-Methylphenol	ND	1.1	"	"	"	"	"	"	

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T251615-83 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.34	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.34	"	"	"	"	"	"	
3-Nitroaniline	ND	0.34	"	"	"	"	"	"	
2-Nitroaniline	ND	0.34	"	"	"	"	"	"	
Nitrobenzene	ND	1.1	"	"	"	"	"	"	
2-Nitrophenol	ND	1.1	"	"	"	"	"	"	
4-Nitrophenol	ND	1.1	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.34	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.34	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.34	"	"	"	"	"	"	
Pentachlorophenol	ND	1.1	"	"	"	"	"	"	
Phenanthrene	ND	0.34	"	"	"	"	"	"	
Phenol	ND	1.1	"	"	"	"	"	"	
Pyrene	ND	0.34	"	"	"	"	"	"	
Pyridine	ND	0.34	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.34	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.34	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.34	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.1	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.1	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*61.9 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*55.6 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*57.3 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*61.0 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*87.0 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*88.7 %*	*18.1-105*		"	"	"	"	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S43-1.0

T251615-83 (Soil)

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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.23	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**87.4**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S43-2.5

T251615-84 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015B									
C6-C12 (GRO)	ND	12	mg/kg dry wt. dry	1	25D0138	04/09/25	04/11/25	EPA 8015B	
C13-C28 (DRO)	ND	12	"	"	"	"	"	"	
C29-C40 (MORO)	ND	12	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*93.4 %*	*65-135*		"	"	"	"	
Metals by EPA 6020 Method									
Antimony	ND	0.30	mg/kg dry wt. dry	1	25D0151	04/09/25	04/17/25	6020 ICP-MS	
Arsenic	**5.5**	0.061	"	"	"	"	"	"	
Barium	**270**	0.30	"	"	"	"	"	"	
Beryllium	**0.62**	0.30	"	"	"	"	"	"	
Cadmium	ND	0.30	"	"	"	"	"	"	
Chromium	**32**	0.30	"	"	"	"	"	"	
Cobalt	**12**	0.30	"	"	"	"	"	"	
Copper	**26**	0.30	"	"	"	"	"	"	
Lead	**11**	0.30	"	"	"	"	"	"	
Molybdenum	ND	0.30	"	"	"	"	"	"	
Nickel	**50**	0.30	"	"	"	"	"	"	
Selenium	ND	0.61	"	"	"	"	"	"	
Silver	ND	0.30	"	"	"	"	"	"	
Thallium	ND	0.30	"	"	"	"	"	"	
Vanadium	**45**	0.30	"	"	"	"	"	"	
Zinc	**40**	0.30	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.12	mg/kg dry wt. dry	1	25D0153	04/09/25	04/11/25	EPA 7471A Soil	

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S43-2.5

T251615-84 (Soil)

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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	0.0061	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0061	"	"	"	"	"	"	
beta-BHC	ND	0.0061	"	"	"	"	"	"	
delta-BHC	ND	0.0061	"	"	"	"	"	"	
Heptachlor	ND	0.0061	"	"	"	"	"	"	
Aldrin	ND	0.0061	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0061	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0061	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0061	"	"	"	"	"	"	
Endosulfan I	ND	0.0061	"	"	"	"	"	"	
4,4´-DDE	ND	0.0061	"	"	"	"	"	"	
Dieldrin	ND	0.0061	"	"	"	"	"	"	
Endrin	ND	0.0061	"	"	"	"	"	"	
4,4´-DDD	ND	0.0061	"	"	"	"	"	"	
Endosulfan II	ND	0.0061	"	"	"	"	"	"	
4,4´-DDT	ND	0.0061	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0061	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0061	"	"	"	"	"	"	
Methoxychlor	ND	0.0061	"	"	"	"	"	"	
Endrin ketone	ND	0.0061	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*44.4 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*9.08 %*	*35-140*		"	"	"	"	*S-GC*

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Aroclor-1016	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.012	"	"	"	"	"	"	
Aroclor-1232	ND	0.012	"	"	"	"	"	"	
Aroclor-1242	ND	0.012	"	"	"	"	"	"	
Aroclor-1248	ND	0.012	"	"	"	"	"	"	
Aroclor-1254	ND	0.012	"	"	"	"	"	"	

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T251615-84 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1260	ND	0.012	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene		*33.8 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*9.42 %*	*35-140*		"	"	"	"	*S-03*
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
Bromochloromethane	ND	0.0030	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0030	"	"	"	"	"	"	
Bromoform	ND	0.0030	"	"	"	"	"	"	
Bromomethane	ND	0.0030	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0030	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0030	"	"	"	"	"	"	
Chlorobenzene	ND	0.0030	"	"	"	"	"	"	
Chloroethane	ND	0.0030	"	"	"	"	"	"	
Chloroform	ND	0.0030	"	"	"	"	"	"	
Chloromethane	ND	0.0030	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0030	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0061	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0030	"	"	"	"	"	"	
Dibromomethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0030	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0030	"	"	"	"	"	"	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S43-2.5

T251615-84 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0030	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0030	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0030	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0030	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0030	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0030	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0030	"	"	"	"	"	"	
Methylene chloride	ND	0.012	"	"	"	"	"	"	
Naphthalene	ND	0.0030	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0030	"	"	"	"	"	"	
Styrene	ND	0.0030	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0030	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0030	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0030	"	"	"	"	"	"	
Trichloroethene	ND	0.0030	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0030	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0030	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0030	"	"	"	"	"	"	
Vinyl chloride	ND	0.0030	"	"	"	"	"	"	
Benzene	ND	0.0030	"	"	"	"	"	"	
Toluene	ND	0.0030	"	"	"	"	"	"	
Ethylbenzene	ND	0.0030	"	"	"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S43-2.5

T251615-84 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
m,p-Xylene	ND	0.0061	mg/kg dry wt. dry	1	25D0145	04/09/25	04/10/25	EPA 8260B	
o-Xylene	ND	0.0030	"	"	"	"	"	"	
Acetone	**0.033**	0.0061	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0061	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0061	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	0.0061	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.1 %*	*75.4-139*		"	"	"	"	
Surrogate: Dibromofluoromethane		*81.7 %*	*73.1-125*		"	"	"	"	
Surrogate: Toluene-d8		*108 %*	*82.6-117*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Acenaphthene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
Acenaphthylene	ND	0.36	"	"	"	"	"	"	
Aniline	ND	0.36	"	"	"	"	"	"	
Anthracene	ND	0.36	"	"	"	"	"	"	
Azobenzene	ND	0.36	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.36	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.36	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1.2	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.36	"	"	"	"	"	"	
Benzyl alcohol	ND	0.36	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.36	"	"	"	"	"	"	
Carbazole	ND	0.36	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.2	"	"	"	"	"	"	
4-Chloroaniline	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.36	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.36	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.36	"	"	"	"	"	"	

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S43-2.5

T251615-84 (Soil)

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Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Chlorophenol	ND	1.2	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.36	"	"	"	"	"	"	
Chrysene	ND	0.36	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.36	"	"	"	"	"	"	
Dibenzofuran	ND	0.36	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.36	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.2	"	"	"	"	"	"	
Diethyl phthalate	ND	0.36	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.2	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.36	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.2	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.36	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1.2	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.36	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.36	"	"	"	"	"	"	
Fluoranthene	ND	0.36	"	"	"	"	"	"	
Fluorene	ND	0.36	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.36	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.2	"	"	"	"	"	"	
Hexachloroethane	ND	0.36	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.36	"	"	"	"	"	"	
Isophorone	ND	0.36	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.36	"	"	"	"	"	"	
4-Methylphenol	ND	1.2	"	"	"	"	"	"	
2-Methylphenol	ND	1.2	"	"	"	"	"	"	

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S43-2.5

T251615-84 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.36	mg/kg dry wt. dry	1	25D0157	04/14/25	04/15/25	EPA 8270C	
4-Nitroaniline	ND	0.36	"	"	"	"	"	"	
3-Nitroaniline	ND	0.36	"	"	"	"	"	"	
2-Nitroaniline	ND	0.36	"	"	"	"	"	"	
Nitrobenzene	ND	1.2	"	"	"	"	"	"	
2-Nitrophenol	ND	1.2	"	"	"	"	"	"	
4-Nitrophenol	ND	1.2	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.36	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.36	"	"	"	"	"	"	
Pentachlorophenol	ND	1.2	"	"	"	"	"	"	
Phenanthrene	ND	0.36	"	"	"	"	"	"	
Phenol	ND	1.2	"	"	"	"	"	"	
Pyrene	ND	0.36	"	"	"	"	"	"	
Pyridine	ND	0.36	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	0.36	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.36	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.2	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*51.5 %*	*32.4-102*		"	"	"	"	
Surrogate: 2-Fluorophenol		*49.1 %*	*15-121*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*49.3 %*	*21.3-119*		"	"	"	"	
Surrogate: Phenol-d6		*54.2 %*	*24-113*		"	"	"	"	
Surrogate: Terphenyl-dl4		*81.6 %*	*29.1-130*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*84.8 %*	*18.1-105*		"	"	"	"	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

S43-2.5

T251615-84 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25D0158	04/09/25	04/10/25	EPA 7199	
% Solids	**82.4**		%	"	25D0159	04/09/25	04/11/25	% calculation	

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S44-0.5

T251615-85 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Polychlorinated Biphenyls by EPA Method 8082									
Aroclor-1016	ND	0.011	mg/kg dry wt. dry	1	25D0156	04/14/25	04/14/25	EPA 8082	
Aroclor-1221	ND	0.011	"	"	"	"	"	"	
Aroclor-1232	ND	0.011	"	"	"	"	"	"	
Aroclor-1242	ND	0.011	"	"	"	"	"	"	
Aroclor-1248	ND	0.011	"	"	"	"	"	"	
Aroclor-1254	ND	0.011	"	"	"	"	"	"	
Aroclor-1260	ND	0.011	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*52.3 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*13.6 %*	*35-140*		"	"	"	"	*S-GC*
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**88.4**		%	1	25D0159	04/09/25	04/11/25	% calculation	

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3:1 Composite(S01-1.0 - S03-1.0)

T251616-01 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**31**	0.30	mg/kg dry wt. dry	1	25D0151	04/09/25	04/17/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0061	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0061	"	"	"	"	"	"	
beta-BHC	ND	0.0061	"	"	"	"	"	"	
delta-BHC	ND	0.0061	"	"	"	"	"	"	
Heptachlor	ND	0.0061	"	"	"	"	"	"	
Aldrin	ND	0.0061	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0061	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0061	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0061	"	"	"	"	"	"	
Endosulfan I	ND	0.0061	"	"	"	"	"	"	
4,4´-DDE	ND	0.0061	"	"	"	"	"	"	
Dieldrin	ND	0.0061	"	"	"	"	"	"	
Endrin	ND	0.0061	"	"	"	"	"	"	
4,4´-DDD	ND	0.0061	"	"	"	"	"	"	
Endosulfan II	ND	0.0061	"	"	"	"	"	"	
4,4´-DDT	ND	0.0061	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0061	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0061	"	"	"	"	"	"	
Methoxychlor	ND	0.0061	"	"	"	"	"	"	
Endrin ketone	ND	0.0061	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*35.5 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*8.20 %*	*35-140*		"	"	"	"	*S-GC*

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3:1 Composite(S01-1.0 - S03-1.0)

T251616-01 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**82.1**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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3:1 Composite(S01-2.5 - S03-2.5)

T251616-02 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**22**	0.31	mg/kg dry wt. dry	1	25D0151	04/09/25	04/17/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0061	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0061	"	"	"	"	"	"	
beta-BHC	ND	0.0061	"	"	"	"	"	"	
delta-BHC	ND	0.0061	"	"	"	"	"	"	
Heptachlor	ND	0.0061	"	"	"	"	"	"	
Aldrin	ND	0.0061	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0061	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0061	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0061	"	"	"	"	"	"	
Endosulfan I	ND	0.0061	"	"	"	"	"	"	
4,4´-DDE	ND	0.0061	"	"	"	"	"	"	
Dieldrin	ND	0.0061	"	"	"	"	"	"	
Endrin	ND	0.0061	"	"	"	"	"	"	
4,4´-DDD	ND	0.0061	"	"	"	"	"	"	
Endosulfan II	ND	0.0061	"	"	"	"	"	"	
4,4´-DDT	ND	0.0061	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0061	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0061	"	"	"	"	"	"	
Methoxychlor	ND	0.0061	"	"	"	"	"	"	
Endrin ketone	ND	0.0061	"	"	"	"	"	"	
Toxaphene	ND	0.025	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*45.2 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*10.2 %*	*35-140*		"	"	"	"	*S-GC*

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3:1 Composite(S01-2.5 - S03-2.5)

T251616-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**81.5**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S04-1.0 - S06-1.0)

T251616-03 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**20**	0.29	mg/kg dry wt. dry	1	25D0151	04/09/25	04/17/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.058	mg/kg dry wt. dry	10	25D0154	04/14/25	04/15/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.058	"	"	"	"	"	"	R-07
beta-BHC	ND	0.058	"	"	"	"	"	"	R-07
delta-BHC	ND	0.058	"	"	"	"	"	"	R-07
Heptachlor	ND	0.058	"	"	"	"	"	"	R-07
Aldrin	ND	0.058	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.058	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.058	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.058	"	"	"	"	"	"	R-07
Dieldrin	ND	0.058	"	"	"	"	"	"	R-07
Endrin	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.058	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.058	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.058	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.058	"	"	"	"	"	"	R-07
Toxaphene	ND	0.23	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*62.0 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*29.5 %*	*35-140*		"	"	"	"	*R-07, S-GC*

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S04-1.0 - S06-1.0)

T251616-03 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**86.7**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S04-2.5 - S06-2.5)

T251616-04 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**13**	0.30	mg/kg dry wt. dry	1	25D0151	04/09/25	04/17/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0060	mg/kg dry wt. dry	1	25D0154	04/14/25	04/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0060	"	"	"	"	"	"	
beta-BHC	ND	0.0060	"	"	"	"	"	"	
delta-BHC	ND	0.0060	"	"	"	"	"	"	
Heptachlor	ND	0.0060	"	"	"	"	"	"	
Aldrin	ND	0.0060	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0060	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0060	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0060	"	"	"	"	"	"	
Endosulfan I	ND	0.0060	"	"	"	"	"	"	
4,4´-DDE	ND	0.0060	"	"	"	"	"	"	
Dieldrin	ND	0.0060	"	"	"	"	"	"	
Endrin	ND	0.0060	"	"	"	"	"	"	
4,4´-DDD	ND	0.0060	"	"	"	"	"	"	
Endosulfan II	ND	0.0060	"	"	"	"	"	"	
4,4´-DDT	ND	0.0060	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0060	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0060	"	"	"	"	"	"	
Methoxychlor	ND	0.0060	"	"	"	"	"	"	
Endrin ketone	ND	0.0060	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*39.9 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*21.7 %*	*35-140*		"	"	"	"	*S-GC*

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S04-2.5 - S06-2.5)

T251616-04 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**83.7**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S07-1.0 - S09-1.0)

T251616-05 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**34**	0.28	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.056	mg/kg dry wt. dry	10	25D0155	04/15/25	04/16/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.056	"	"	"	"	"	"	R-07
beta-BHC	ND	0.056	"	"	"	"	"	"	R-07
delta-BHC	ND	0.056	"	"	"	"	"	"	R-07
Heptachlor	ND	0.056	"	"	"	"	"	"	R-07
Aldrin	ND	0.056	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.056	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.056	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.056	"	"	"	"	"	"	R-07
Dieldrin	ND	0.056	"	"	"	"	"	"	R-07
Endrin	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.056	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.056	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.056	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.056	"	"	"	"	"	"	R-07
Toxaphene	ND	0.22	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*42.5 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*18.4 %*	*35-140*		"	"	"	"	*R-07, S-GC*

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S07-1.0 - S09-1.0)

T251616-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**89.1**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S07-2.5 - S09-2.5)

T251616-06 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**47**	0.31	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.061	mg/kg dry wt. dry	10	25D0155	04/15/25	04/16/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.061	"	"	"	"	"	"	R-07
beta-BHC	ND	0.061	"	"	"	"	"	"	R-07
delta-BHC	ND	0.061	"	"	"	"	"	"	R-07
Heptachlor	ND	0.061	"	"	"	"	"	"	R-07
Aldrin	ND	0.061	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.061	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.061	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.061	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.061	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.061	"	"	"	"	"	"	R-07
Dieldrin	ND	0.061	"	"	"	"	"	"	R-07
Endrin	ND	0.061	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.061	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.061	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.061	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.061	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.061	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.061	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.061	"	"	"	"	"	"	R-07
Toxaphene	ND	0.24	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*47.9 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*20.8 %*	*35-140*		"	"	"	"	*S-GC, R-07*

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S07-2.5 - S09-2.5)

T251616-06 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**81.9**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S10-1.0 - S12-1.0)

T251616-07 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**150**	0.26	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.053	mg/kg dry wt. dry	10	25D0155	04/15/25	04/16/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.053	"	"	"	"	"	"	R-07
beta-BHC	ND	0.053	"	"	"	"	"	"	R-07
delta-BHC	ND	0.053	"	"	"	"	"	"	R-07
Heptachlor	ND	0.053	"	"	"	"	"	"	R-07
Aldrin	ND	0.053	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.053	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.053	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.053	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.053	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.053	"	"	"	"	"	"	R-07
Dieldrin	ND	0.053	"	"	"	"	"	"	R-07
Endrin	ND	0.053	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.053	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.053	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.053	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.053	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.053	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.053	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.053	"	"	"	"	"	"	R-07
Toxaphene	ND	0.21	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*76.6 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*52.5 %*	*35-140*		"	"	"	"	*R-07*

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S10-1.0 - S12-1.0)

T251616-07 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**95.2**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S10-2.5 - S12-2.5)

T251616-08 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**25**	0.28	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0056	mg/kg dry wt. dry	1	25D0155	04/15/25	04/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0056	"	"	"	"	"	"	
beta-BHC	ND	0.0056	"	"	"	"	"	"	
delta-BHC	ND	0.0056	"	"	"	"	"	"	
Heptachlor	ND	0.0056	"	"	"	"	"	"	
Aldrin	ND	0.0056	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0056	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0056	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0056	"	"	"	"	"	"	
Endosulfan I	ND	0.0056	"	"	"	"	"	"	
4,4´-DDE	ND	0.0056	"	"	"	"	"	"	
Dieldrin	ND	0.0056	"	"	"	"	"	"	
Endrin	ND	0.0056	"	"	"	"	"	"	
4,4´-DDD	ND	0.0056	"	"	"	"	"	"	
Endosulfan II	ND	0.0056	"	"	"	"	"	"	
4,4´-DDT	ND	0.0056	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0056	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0056	"	"	"	"	"	"	
Methoxychlor	ND	0.0056	"	"	"	"	"	"	
Endrin ketone	ND	0.0056	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*45.1 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*15.9 %*	*35-140*		"	"	"	"	*S-GC*

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S10-2.5 - S12-2.5)

T251616-08 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**88.8**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S13-1.0 - S15-1.0)

T251616-09 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**47**	0.27	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.055	mg/kg dry wt. dry	10	25D0155	04/15/25	04/16/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.055	"	"	"	"	"	"	R-07
beta-BHC	ND	0.055	"	"	"	"	"	"	R-07
delta-BHC	ND	0.055	"	"	"	"	"	"	R-07
Heptachlor	ND	0.055	"	"	"	"	"	"	R-07
Aldrin	ND	0.055	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.055	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.055	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.055	"	"	"	"	"	"	R-07
Dieldrin	ND	0.055	"	"	"	"	"	"	R-07
Endrin	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.055	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.055	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.055	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.055	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.055	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.055	"	"	"	"	"	"	R-07
Toxaphene	ND	0.22	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*38.1 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*52.5 %*	*35-140*		"	"	"	"	*R-07*

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S13-1.0 - S15-1.0)

T251616-09 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**91.0**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S13-2.5 - S15-2.5)

T251616-10 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**47**	0.29	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.058	mg/kg dry wt. dry	10	25D0155	04/15/25	04/16/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.058	"	"	"	"	"	"	R-07
beta-BHC	ND	0.058	"	"	"	"	"	"	R-07
delta-BHC	ND	0.058	"	"	"	"	"	"	R-07
Heptachlor	ND	0.058	"	"	"	"	"	"	R-07
Aldrin	ND	0.058	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.058	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.058	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.058	"	"	"	"	"	"	R-07
Dieldrin	ND	0.058	"	"	"	"	"	"	R-07
Endrin	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.058	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.058	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.058	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.058	"	"	"	"	"	"	R-07
Toxaphene	ND	0.23	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*43.8 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*15.5 %*	*35-140*		"	"	"	"	*R-07, S-GC*

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S13-2.5 - S15-2.5)

T251616-10 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**86.4**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S16-1.0 - S18-1.0)

T251616-11 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**280**	0.28	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.056	mg/kg dry wt. dry	10	25D0155	04/15/25	04/16/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.056	"	"	"	"	"	"	R-07
beta-BHC	ND	0.056	"	"	"	"	"	"	R-07
delta-BHC	ND	0.056	"	"	"	"	"	"	R-07
Heptachlor	ND	0.056	"	"	"	"	"	"	R-07
Aldrin	ND	0.056	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.056	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.056	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.056	"	"	"	"	"	"	R-07
Dieldrin	ND	0.056	"	"	"	"	"	"	R-07
Endrin	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.056	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.056	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.056	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.056	"	"	"	"	"	"	R-07
Toxaphene	ND	0.23	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*61.2 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*24.5 %*	*35-140*		"	"	"	"	*R-07, S-GC*

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S16-1.0 - S18-1.0)

T251616-11 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**88.8**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S16-2.5 - S18-2.5)

T251616-12 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**48**	0.28	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.056	mg/kg dry wt. dry	10	25D0155	04/15/25	04/16/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.056	"	"	"	"	"	"	R-07
beta-BHC	ND	0.056	"	"	"	"	"	"	R-07
delta-BHC	ND	0.056	"	"	"	"	"	"	R-07
Heptachlor	ND	0.056	"	"	"	"	"	"	R-07
Aldrin	ND	0.056	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.056	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.056	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.056	"	"	"	"	"	"	R-07
Dieldrin	ND	0.056	"	"	"	"	"	"	R-07
Endrin	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.056	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.056	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.056	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.056	"	"	"	"	"	"	R-07
Toxaphene	ND	0.23	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*51.4 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*27.2 %*	*35-140*		"	"	"	"	*R-07, S-GC*

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3:1 Composite(S16-2.5 - S18-2.5)

T251616-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**88.6**		%	1	25D0160	04/09/25	04/15/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S19-1.0 - S21-1.0)

T251616-13 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**37**	0.30	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0060	mg/kg dry wt. dry	1	25D0155	04/15/25	04/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0060	"	"	"	"	"	"	
beta-BHC	ND	0.0060	"	"	"	"	"	"	
delta-BHC	ND	0.0060	"	"	"	"	"	"	
Heptachlor	ND	0.0060	"	"	"	"	"	"	
Aldrin	ND	0.0060	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0060	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0060	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0060	"	"	"	"	"	"	
Endosulfan I	ND	0.0060	"	"	"	"	"	"	
4,4´-DDE	ND	0.0060	"	"	"	"	"	"	
Dieldrin	ND	0.0060	"	"	"	"	"	"	
Endrin	ND	0.0060	"	"	"	"	"	"	
4,4´-DDD	ND	0.0060	"	"	"	"	"	"	
Endosulfan II	ND	0.0060	"	"	"	"	"	"	
4,4´-DDT	ND	0.0060	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0060	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0060	"	"	"	"	"	"	
Methoxychlor	ND	0.0060	"	"	"	"	"	"	
Endrin ketone	ND	0.0060	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*34.0 %*	*35-140*		"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl		*6.69 %*	*35-140*		"	"	"	"	*S-03*

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S19-1.0 - S21-1.0)

T251616-13 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**83.2**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S19-2.5 - S21-2.5)

T251616-14 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**35**	0.32	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0063	mg/kg dry wt. dry	1	25D0155	04/15/25	04/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0063	"	"	"	"	"	"	
beta-BHC	ND	0.0063	"	"	"	"	"	"	
delta-BHC	ND	0.0063	"	"	"	"	"	"	
Heptachlor	ND	0.0063	"	"	"	"	"	"	
Aldrin	ND	0.0063	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0063	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0063	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0063	"	"	"	"	"	"	
Endosulfan I	ND	0.0063	"	"	"	"	"	"	
4,4´-DDE	ND	0.0063	"	"	"	"	"	"	
Dieldrin	ND	0.0063	"	"	"	"	"	"	
Endrin	ND	0.0063	"	"	"	"	"	"	
4,4´-DDD	ND	0.0063	"	"	"	"	"	"	
Endosulfan II	ND	0.0063	"	"	"	"	"	"	
4,4´-DDT	ND	0.0063	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0063	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0063	"	"	"	"	"	"	
Methoxychlor	ND	0.0063	"	"	"	"	"	"	
Endrin ketone	ND	0.0063	"	"	"	"	"	"	
Toxaphene	ND	0.025	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*35.5 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*10.9 %*	*35-140*		"	"	"	"	*S-GC*

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S19-2.5 - S21-2.5)

T251616-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**79.3**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S22-1.0 - S24-1.0)

T251616-15 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**210**	0.30	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0059	mg/kg dry wt. dry	1	25D0155	04/15/25	04/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0059	"	"	"	"	"	"	
beta-BHC	ND	0.0059	"	"	"	"	"	"	
delta-BHC	ND	0.0059	"	"	"	"	"	"	
Heptachlor	ND	0.0059	"	"	"	"	"	"	
Aldrin	ND	0.0059	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0059	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0059	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0059	"	"	"	"	"	"	
Endosulfan I	ND	0.0059	"	"	"	"	"	"	
4,4´-DDE	ND	0.0059	"	"	"	"	"	"	
Dieldrin	ND	0.0059	"	"	"	"	"	"	
Endrin	ND	0.0059	"	"	"	"	"	"	
4,4´-DDD	ND	0.0059	"	"	"	"	"	"	
Endosulfan II	ND	0.0059	"	"	"	"	"	"	
4,4´-DDT	ND	0.0059	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0059	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0059	"	"	"	"	"	"	
Methoxychlor	ND	0.0059	"	"	"	"	"	"	
Endrin ketone	ND	0.0059	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*47.3 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*8.99 %*	*35-140*		"	"	"	"	*S-GC*

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S22-1.0 - S24-1.0)

T251616-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**84.7**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S22-2.5 - S24-2.5)

T251616-16 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**34**	0.30	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0059	mg/kg dry wt. dry	1	25D0155	04/15/25	04/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0059	"	"	"	"	"	"	
beta-BHC	ND	0.0059	"	"	"	"	"	"	
delta-BHC	ND	0.0059	"	"	"	"	"	"	
Heptachlor	ND	0.0059	"	"	"	"	"	"	
Aldrin	ND	0.0059	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0059	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0059	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0059	"	"	"	"	"	"	
Endosulfan I	ND	0.0059	"	"	"	"	"	"	
4,4´-DDE	ND	0.0059	"	"	"	"	"	"	
Dieldrin	ND	0.0059	"	"	"	"	"	"	
Endrin	ND	0.0059	"	"	"	"	"	"	
4,4´-DDD	ND	0.0059	"	"	"	"	"	"	
Endosulfan II	ND	0.0059	"	"	"	"	"	"	
4,4´-DDT	ND	0.0059	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0059	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0059	"	"	"	"	"	"	
Methoxychlor	ND	0.0059	"	"	"	"	"	"	
Endrin ketone	ND	0.0059	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*48.6 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*10.9 %*	*35-140*		"	"	"	"	*S-GC*

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S22-2.5 - S24-2.5)

T251616-16 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**84.7**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S25-1.0 - S27-1.0)

T251616-17 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**120**	0.30	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0060	mg/kg dry wt. dry	1	25D0155	04/15/25	04/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0060	"	"	"	"	"	"	
beta-BHC	ND	0.0060	"	"	"	"	"	"	
delta-BHC	ND	0.0060	"	"	"	"	"	"	
Heptachlor	ND	0.0060	"	"	"	"	"	"	
Aldrin	ND	0.0060	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0060	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0060	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0060	"	"	"	"	"	"	
Endosulfan I	ND	0.0060	"	"	"	"	"	"	
4,4´-DDE	ND	0.0060	"	"	"	"	"	"	
Dieldrin	ND	0.0060	"	"	"	"	"	"	
Endrin	ND	0.0060	"	"	"	"	"	"	
4,4´-DDD	ND	0.0060	"	"	"	"	"	"	
Endosulfan II	ND	0.0060	"	"	"	"	"	"	
4,4´-DDT	**0.0072**	0.0060	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0060	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0060	"	"	"	"	"	"	
Methoxychlor	ND	0.0060	"	"	"	"	"	"	
Endrin ketone	ND	0.0060	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*47.2 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*13.1 %*	*35-140*		"	"	"	"	*S-GC*

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S25-1.0 - S27-1.0)

T251616-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**83.7**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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3:1 Composite(S25-2.5 - S27-2.5)

T251616-18 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**26**	0.31	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0061	mg/kg dry wt. dry	1	25D0155	04/15/25	04/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0061	"	"	"	"	"	"	
beta-BHC	ND	0.0061	"	"	"	"	"	"	
delta-BHC	ND	0.0061	"	"	"	"	"	"	
Heptachlor	ND	0.0061	"	"	"	"	"	"	
Aldrin	ND	0.0061	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0061	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0061	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0061	"	"	"	"	"	"	
Endosulfan I	ND	0.0061	"	"	"	"	"	"	
4,4´-DDE	ND	0.0061	"	"	"	"	"	"	
Dieldrin	ND	0.0061	"	"	"	"	"	"	
Endrin	ND	0.0061	"	"	"	"	"	"	
4,4´-DDD	ND	0.0061	"	"	"	"	"	"	
Endosulfan II	ND	0.0061	"	"	"	"	"	"	
4,4´-DDT	ND	0.0061	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0061	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0061	"	"	"	"	"	"	
Methoxychlor	ND	0.0061	"	"	"	"	"	"	
Endrin ketone	ND	0.0061	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*45.7 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*10.7 %*	*35-140*		"	"	"	"	*S-GC*

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S25-2.5 - S27-2.5)

T251616-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**82.0**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S28-1.0 - S30-1.0)

T251616-19 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**78**	0.28	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.056	mg/kg dry wt. dry	10	25D0155	04/15/25	04/16/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.056	"	"	"	"	"	"	R-07
beta-BHC	ND	0.056	"	"	"	"	"	"	R-07
delta-BHC	ND	0.056	"	"	"	"	"	"	R-07
Heptachlor	ND	0.056	"	"	"	"	"	"	R-07
Aldrin	ND	0.056	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.056	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.056	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.056	"	"	"	"	"	"	R-07
Dieldrin	ND	0.056	"	"	"	"	"	"	R-07
Endrin	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.056	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.056	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.056	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.056	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.056	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.056	"	"	"	"	"	"	R-07
Toxaphene	ND	0.22	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*48.7 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*21.2 %*	*35-140*		"	"	"	"	*R-07, S-GC*

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3:1 Composite(S28-1.0 - S30-1.0)

T251616-19 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**89.3**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S28-2.5 - S30-2.5)

T251616-20 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**14**	0.30	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0060	mg/kg dry wt. dry	1	25D0155	04/15/25	04/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0060	"	"	"	"	"	"	
beta-BHC	ND	0.0060	"	"	"	"	"	"	
delta-BHC	ND	0.0060	"	"	"	"	"	"	
Heptachlor	ND	0.0060	"	"	"	"	"	"	
Aldrin	ND	0.0060	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0060	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0060	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0060	"	"	"	"	"	"	
Endosulfan I	ND	0.0060	"	"	"	"	"	"	
4,4´-DDE	ND	0.0060	"	"	"	"	"	"	
Dieldrin	ND	0.0060	"	"	"	"	"	"	
Endrin	ND	0.0060	"	"	"	"	"	"	
4,4´-DDD	ND	0.0060	"	"	"	"	"	"	
Endosulfan II	ND	0.0060	"	"	"	"	"	"	
4,4´-DDT	ND	0.0060	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0060	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0060	"	"	"	"	"	"	
Methoxychlor	ND	0.0060	"	"	"	"	"	"	
Endrin ketone	ND	0.0060	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*49.6 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*12.8 %*	*35-140*		"	"	"	"	*S-GC*

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S28-2.5 - S30-2.5)

T251616-20 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**82.8**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S31-1.0 - S33-1.0)

T251616-21 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**90**	0.29	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.058	mg/kg dry wt. dry	10	25D0155	04/15/25	04/16/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.058	"	"	"	"	"	"	R-07
beta-BHC	ND	0.058	"	"	"	"	"	"	R-07
delta-BHC	ND	0.058	"	"	"	"	"	"	R-07
Heptachlor	ND	0.058	"	"	"	"	"	"	R-07
Aldrin	ND	0.058	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.058	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.058	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.058	"	"	"	"	"	"	R-07
Dieldrin	ND	0.058	"	"	"	"	"	"	R-07
Endrin	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.058	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.058	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.058	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.058	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.058	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.058	"	"	"	"	"	"	R-07
Toxaphene	ND	0.23	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*53.1 %*	*35-140*		"	"	"	"	*R-07*
Surrogate: Decachlorobiphenyl		*22.2 %*	*35-140*		"	"	"	"	*R-07, S-GC*

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S31-1.0 - S33-1.0)

T251616-21 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**86.5**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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Jeff Lee, Project Manager

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S31-2.5 - S33-2.5)

T251616-22 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**88**	0.29	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0058	mg/kg dry wt. dry	1	25D0155	04/15/25	04/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0058	"	"	"	"	"	"	
beta-BHC	ND	0.0058	"	"	"	"	"	"	
delta-BHC	ND	0.0058	"	"	"	"	"	"	
Heptachlor	ND	0.0058	"	"	"	"	"	"	
Aldrin	ND	0.0058	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0058	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0058	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0058	"	"	"	"	"	"	
Endosulfan I	ND	0.0058	"	"	"	"	"	"	
4,4´-DDE	ND	0.0058	"	"	"	"	"	"	
Dieldrin	ND	0.0058	"	"	"	"	"	"	
Endrin	ND	0.0058	"	"	"	"	"	"	
4,4´-DDD	ND	0.0058	"	"	"	"	"	"	
Endosulfan II	ND	0.0058	"	"	"	"	"	"	
4,4´-DDT	ND	0.0058	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0058	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0058	"	"	"	"	"	"	
Methoxychlor	ND	0.0058	"	"	"	"	"	"	
Endrin ketone	ND	0.0058	"	"	"	"	"	"	
Toxaphene	ND	0.023	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*43.8 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*12.1 %*	*35-140*		"	"	"	"	*S-GC*

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

3:1 Composite(S31-2.5 - S33-2.5)

T251616-22 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**85.8**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

2:1 Composite(S34-1.0 - S35-1.0)

T251616-23 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**25**	0.30	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.060	mg/kg dry wt. dry	10	25D0155	04/15/25	04/16/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	0.060	"	"	"	"	"	"	R-07
beta-BHC	ND	0.060	"	"	"	"	"	"	R-07
delta-BHC	ND	0.060	"	"	"	"	"	"	R-07
Heptachlor	ND	0.060	"	"	"	"	"	"	R-07
Aldrin	ND	0.060	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	0.060	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	0.060	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	0.060	"	"	"	"	"	"	R-07
Endosulfan I	ND	0.060	"	"	"	"	"	"	R-07
4,4´-DDE	ND	0.060	"	"	"	"	"	"	R-07
Dieldrin	ND	0.060	"	"	"	"	"	"	R-07
Endrin	ND	0.060	"	"	"	"	"	"	R-07
4,4´-DDD	ND	0.060	"	"	"	"	"	"	R-07
Endosulfan II	ND	0.060	"	"	"	"	"	"	R-07
4,4´-DDT	ND	0.060	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	0.060	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	0.060	"	"	"	"	"	"	R-07
Methoxychlor	ND	0.060	"	"	"	"	"	"	R-07
Endrin ketone	ND	0.060	"	"	"	"	"	"	R-07
Toxaphene	ND	0.24	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		*33.2 %*	*35-140*		"	"	"	"	*R-07, S-03*
Surrogate: Decachlorobiphenyl		*18.8 %*	*35-140*		"	"	"	"	*R-07, S-03*

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

2:1 Composite(S34-1.0 - S35-1.0)

T251616-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**83.3**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

2:1 Composite(S34-2.5 - S35-2.5)

T251616-24 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Lead	**16**	0.30	mg/kg dry wt. dry	1	25D0152	04/09/25	04/18/25	6020 ICP-MS	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	0.0060	mg/kg dry wt. dry	1	25D0155	04/15/25	04/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0060	"	"	"	"	"	"	
beta-BHC	ND	0.0060	"	"	"	"	"	"	
delta-BHC	ND	0.0060	"	"	"	"	"	"	
Heptachlor	ND	0.0060	"	"	"	"	"	"	
Aldrin	ND	0.0060	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0060	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0060	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0060	"	"	"	"	"	"	
Endosulfan I	ND	0.0060	"	"	"	"	"	"	
4,4´-DDE	ND	0.0060	"	"	"	"	"	"	
Dieldrin	ND	0.0060	"	"	"	"	"	"	
Endrin	ND	0.0060	"	"	"	"	"	"	
4,4´-DDD	ND	0.0060	"	"	"	"	"	"	
Endosulfan II	ND	0.0060	"	"	"	"	"	"	
4,4´-DDT	ND	0.0060	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0060	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0060	"	"	"	"	"	"	
Methoxychlor	ND	0.0060	"	"	"	"	"	"	
Endrin ketone	ND	0.0060	"	"	"	"	"	"	
Toxaphene	ND	0.024	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*38.9 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*12.3 %*	*35-140*		"	"	"	"	*S-GC*

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

2:1 Composite(S34-2.5 - S35-2.5)

T251616-24 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**83.7**		%	1	25D0161	04/09/25	04/15/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Extractable Petroleum Hydrocarbons by 8015B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0138 - EPA 3550B GC										
Blank (25D0138-BLK1)				Prepared: 04/09/25 Analyzed: 04/10/25						
C6-C12 (GRO)	ND	10	mg/kg dry wt. wet							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
Surrogate: p-Terphenyl	*87.4*		*"*	*100*		*87.4*	*65-135*			
LCS (25D0138-BS1)				Prepared: 04/09/25 Analyzed: 04/10/25						
C13-C28 (DRO)	470	10	mg/kg dry wt. wet	500		93.1	75-125			
Surrogate: p-Terphenyl	*93.3*		*"*	*100*		*93.3*	*65-135*			
Matrix Spike (25D0138-MS1)	**Source: T251614-01**			Prepared: 04/09/25 Analyzed: 04/10/25						
C13-C28 (DRO)	470	10	mg/kg dry wt. wet	500	ND	94.4	75-125			
Surrogate: p-Terphenyl	*88.5*		*"*	*100*		*88.5*	*65-135*			
Matrix Spike Dup (25D0138-MSD1)	**Source: T251614-01**			Prepared: 04/09/25 Analyzed: 04/10/25						
C13-C28 (DRO)	460	10	mg/kg dry wt. wet	500	ND	92.7	75-125	1.82	20	
Surrogate: p-Terphenyl	*82.9*		*"*	*100*		*82.9*	*65-135*			

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Metals by EPA 6020 Method - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0151 - EPA 3050B										
Blank (25D0151-BLK1)				Prepared: 04/09/25 Analyzed: 04/16/25						
Antimony	ND	0.25	mg/kg dry wt. wet							
Arsenic	ND	0.050	"							
Barium	ND	0.25	"							
Beryllium	ND	0.25	"							
Cadmium	ND	0.25	"							
Chromium	ND	0.25	"							
Cobalt	ND	0.25	"							
Copper	ND	0.25	"							
Lead	ND	0.25	"							
Mercury	ND	0.050	"							
Molybdenum	ND	0.25	"							
Nickel	ND	0.25	"							
Selenium	ND	0.50	"							
Silver	ND	0.25	"							
Thallium	ND	0.25	"							
Vanadium	0.270	0.25	"							QB-01
Zinc	ND	0.25	"							
LCS (25D0151-BS1)				Prepared: 04/09/25 Analyzed: 04/16/25						
Arsenic	24.6	0.050	mg/kg dry wt. wet	25.0		98.6	80-120			
Barium	23.7	0.25	"	25.0		94.8	80-120			
Cadmium	24.2	0.25	"	25.0		96.7	80-120			
Chromium	24.7	0.25	"	25.0		98.7	80-120			
Lead	24.2	0.25	"	25.0		96.8	80-120			
Matrix Spike (25D0151-MS1)	**Source: T251615-03**			Prepared: 04/09/25 Analyzed: 04/16/25						
Arsenic	34.1	0.062	mg/kg dry wt. dry	30.9	17.8	52.8	75-125			QM-07
Barium	135	0.31	"	30.9	106	92.9	75-125			
Cadmium	29.9	0.31	"	30.9	13.5	53.3	75-125			QM-07
Chromium	49.7	0.31	"	30.9	30.7	61.6	75-125			QM-07
Lead	56.7	0.31	"	30.9	40.7	51.6	75-125			QM-07

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Metals by EPA 6020 Method - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0151 - EPA 3050B										
Matrix Spike Dup (25D0151-MSD1)	**Source: T251615-03**			Prepared: 04/09/25 Analyzed: 04/16/25						
Arsenic	33.2	0.062	mg/kg dry wt. dry	30.9	17.8	49.9	75-125	2.65	20	QM-07
Barium	125	0.31	"	30.9	106	60.4	75-125	7.74	20	QM-07
Cadmium	29.1	0.31	"	30.9	13.5	50.5	75-125	2.93	20	QM-07
Chromium	47.4	0.31	"	30.9	30.7	54.1	75-125	4.78	20	QM-07
Lead	51.9	0.31	"	30.9	40.7	36.1	75-125	8.83	20	QM-07
Post Spike (25D0151-PS1)	**Source: T251615-03**			Prepared: 04/09/25 Analyzed: 04/16/25						
Arsenic	26.2		mg/kg dry wt. dry	25.0	14.4	47.3	80-120			QM-PS
Barium	24.5		"	25.0	85.8	NR	80-120			QM-PS
Cadmium	24.8		"	25.0	10.9	55.4	80-120			QM-PS
Chromium	26.4		"	25.0	24.8	6.20	80-120			QM-PS
Lead	24.2		"	25.0	33.0	NR	80-120			QM-PS
Batch 25D0152 - EPA 3050B										
Blank (25D0152-BLK1)				Prepared: 04/09/25 Analyzed: 04/18/25						
Lead	ND	0.25	mg/kg dry wt. wet							
LCS (25D0152-BS1)				Prepared: 04/09/25 Analyzed: 04/18/25						
Lead	24.2	0.25	mg/kg dry wt. wet	25.0		96.6	80-120			
Matrix Spike (25D0152-MS1)	**Source: T251616-05**			Prepared: 04/09/25 Analyzed: 04/18/25						
Lead	48.3	0.28	mg/kg dry wt. dry	28.1	33.7	52.2	75-125			QM-07
Matrix Spike Dup (25D0152-MSD1)	**Source: T251616-05**			Prepared: 04/09/25 Analyzed: 04/18/25						
Lead	56.9	0.28	mg/kg dry wt. dry	28.1	33.7	82.9	75-125	16.3	20	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Metals by EPA 6020 Method - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0152 - EPA 3050B										
Post Spike (25D0152-PS1)		**Source: T251616-05**		Prepared: 04/09/25 Analyzed: 04/18/25						
Lead	23.9		mg/kg dry wt. dry	25.0	30.0	NR	80-120			QM-PS
Batch 25D0202 - EPA 3050B										
Blank (25D0202-BLK1)				Prepared: 04/11/25 Analyzed: 04/17/25						
Arsenic	ND	0.050	mg/kg dry wt. wet							
Cadmium	ND	0.25	"							
Lead	ND	0.25	"							
LCS (25D0202-BS1)				Prepared: 04/11/25 Analyzed: 04/17/25						
Arsenic	24.9	0.050	mg/kg dry wt. wet	25.0		99.5	80-120			
Cadmium	23.8	0.25	"	25.0		95.2	80-120			
Lead	23.2	0.25	"	25.0		92.6	80-120			
Matrix Spike (25D0202-MS1)		**Source: T251640-01**		Prepared: 04/11/25 Analyzed: 04/17/25						
Arsenic	41.8	0.050	mg/kg dry wt. wet	25.0	11.7	120	75-125			
Cadmium	24.8	0.25	"	25.0	0.320	97.7	75-125			
Lead	54.2	0.25	"	25.0	107	NR	75-125			QM-07
Matrix Spike Dup (25D0202-MSD1)		**Source: T251640-01**		Prepared: 04/11/25 Analyzed: 04/17/25						
Arsenic	34.4	0.050	mg/kg dry wt. wet	25.0	11.7	90.9	75-125	19.4	20	
Cadmium	25.6	0.25	"	25.0	0.320	101	75-125	3.57	20	
Lead	48.1	0.25	"	25.0	107	NR	75-125	11.8	20	QM-07
Post Spike (25D0202-PS1)		**Source: T251640-01**		Prepared: 04/11/25 Analyzed: 04/17/25						
Arsenic	34.9		mg/kg dry wt. wet	25.0	11.7	93.0	80-120			
Cadmium	25.1		"	25.0	0.320	99.1	80-120			
Lead	43.4		"	25.0	107	NR	80-120			QM-PS

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0153 - EPA 7471A Soil										
Blank (25D0153-BLK1)				Prepared: 04/09/25 Analyzed: 04/11/25						
Mercury	ND	0.10	mg/kg dry wt. wet							
LCS (25D0153-BS1)				Prepared: 04/09/25 Analyzed: 04/11/25						
Mercury	0.450	0.10	mg/kg dry wt. wet	0.417		108	80-120			
Matrix Spike (25D0153-MS1)	**Source: T251615-03**			Prepared: 04/09/25 Analyzed: 04/11/25						
Mercury	0.736	0.12	mg/kg dry wt. dry	0.515	ND	143	80-120			
Matrix Spike Dup (25D0153-MSD1)	**Source: T251615-03**			Prepared: 04/09/25 Analyzed: 04/11/25						
Mercury	0.756	0.12	mg/kg dry wt. dry	0.515	ND	147	80-120	2.67	20	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0154 - EPA 3550B Soil										
Blank (25D0154-BLK1)				Prepared: 04/09/25 Analyzed: 04/15/25						
alpha-BHC	ND	0.0050	mg/kg dry wt. wet							
gamma-BHC (Lindane)	ND	0.0050	"							
beta-BHC	ND	0.0050	"							
delta-BHC	ND	0.0050	"							
Heptachlor	ND	0.0050	"							
Aldrin	ND	0.0050	"							
Heptachlor epoxide	ND	0.0050	"							
gamma-Chlordane	ND	0.0050	"							
alpha-Chlordane	ND	0.0050	"							
Endosulfan I	ND	0.0050	"							
4,4´-DDE	ND	0.0050	"							
Dieldrin	ND	0.0050	"							
Endrin	ND	0.0050	"							
4,4´-DDD	ND	0.0050	"							
Endosulfan II	ND	0.0050	"							
4,4´-DDT	ND	0.0050	"							
Endrin aldehyde	ND	0.0050	"							
Endosulfan sulfate	ND	0.0050	"							
Methoxychlor	ND	0.0050	"							
Endrin ketone	ND	0.0050	"							
Toxaphene	ND	0.020	"							
Surrogate: Tetrachloro-meta-xylene	*0.00672*		*"*	*0.0100*		*67.2*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00392*		*"*	*0.0100*		*39.2*	*35-140*			
LCS (25D0154-BS1)				Prepared: 04/09/25 Analyzed: 04/14/25						
gamma-BHC (Lindane)	0.0370	0.0050	mg/kg dry wt. wet	0.0404		91.5	40-120			
Heptachlor	0.0375	0.0050	"	0.0400		93.8	40-120			
Aldrin	0.0317	0.0050	"	0.0400		79.2	40-120			
Dieldrin	0.0387	0.0050	"	0.0402		96.2	40-120			
Endrin	0.0379	0.0050	"	0.0402		94.3	40-120			
4,4´-DDT	0.0389	0.0050	"	0.0404		96.3	33-147			
Surrogate: Tetrachloro-meta-xylene	*0.00737*		*"*	*0.0100*		*73.7*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00418*		*"*	*0.0100*		*41.8*	*35-140*			

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0154 - EPA 3550B Soil										
Matrix Spike (25D0154-MS1)		**Source: T251615-03**		Prepared: 04/09/25 Analyzed: 04/14/25						
gamma-BHC (Lindane)	0.0390	0.0062	mg/kg dry wt. dry	0.0500	ND	78.0	30-120			
Heptachlor	0.0294	0.0062	"	0.0495	ND	59.5	30-120			
Aldrin	0.0215	0.0062	"	0.0495	ND	43.5	30-120			
Dieldrin	0.0338	0.0062	"	0.0497	ND	68.0	30-120			
Endrin	0.0343	0.0062	"	0.0497	ND	69.0	30-120			
4,4´-DDT	0.0272	0.0062	"	0.0500	0.00255	49.4	30-120			
Surrogate: Tetrachloro-meta-xylene	*0.00500*		*"*	*0.0124*		*40.4*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00137*		*"*	*0.0124*		*11.1*	*35-140*			*S-GC*
Matrix Spike Dup (25D0154-MSD1)		**Source: T251615-03**		Prepared: 04/09/25 Analyzed: 04/14/25						
gamma-BHC (Lindane)	0.0367	0.0062	mg/kg dry wt. dry	0.0500	ND	73.5	30-120	5.96	30	
Heptachlor	0.0293	0.0062	"	0.0495	ND	59.2	30-120	0.400	30	
Aldrin	0.0222	0.0062	"	0.0495	ND	44.8	30-120	2.93	30	
Dieldrin	0.0324	0.0062	"	0.0497	ND	65.2	30-120	4.18	30	
Endrin	0.0330	0.0062	"	0.0497	ND	66.4	30-120	3.78	30	
4,4´-DDT	0.0259	0.0062	"	0.0500	0.00255	46.7	30-120	5.64	30	
Surrogate: Tetrachloro-meta-xylene	*0.00453*		*"*	*0.0124*		*36.7*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00128*		*"*	*0.0124*		*10.4*	*35-140*			*S-GC*
Batch 25D0155 - EPA 3550B Soil										
Blank (25D0155-BLK1)				Prepared: 04/09/25 Analyzed: 04/15/25						
alpha-BHC	ND	0.0050	mg/kg dry wt. wet							
gamma-BHC (Lindane)	ND	0.0050	"							
beta-BHC	ND	0.0050	"							
delta-BHC	ND	0.0050	"							
Heptachlor	ND	0.0050	"							
Aldrin	ND	0.0050	"							
Heptachlor epoxide	ND	0.0050	"							
gamma-Chlordane	ND	0.0050	"							
alpha-Chlordane	ND	0.0050	"							
Endosulfan I	ND	0.0050	"							
4,4´-DDE	ND	0.0050	"							
Dieldrin	ND	0.0050	"							

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0155 - EPA 3550B Soil										
Blank (25D0155-BLK1)				Prepared: 04/09/25 Analyzed: 04/15/25						
Endrin	ND	0.0050	mg/kg dry wt. wet							
4,4´-DDD	ND	0.0050	"							
Endosulfan II	ND	0.0050	"							
4,4´-DDT	ND	0.0050	"							
Endrin aldehyde	ND	0.0050	"							
Endosulfan sulfate	ND	0.0050	"							
Methoxychlor	ND	0.0050	"							
Endrin ketone	ND	0.0050	"							
Toxaphene	ND	0.020	"							
Surrogate: Tetrachloro-meta-xylene	*0.00716*		*"*	*0.0100*		*71.6*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00497*		*"*	*0.0100*		*49.7*	*35-140*			
LCS (25D0155-BS1)				Prepared: 04/09/25 Analyzed: 04/15/25						
gamma-BHC (Lindane)	0.0393	0.0050	mg/kg dry wt. wet	0.0404		97.3	40-120			
Heptachlor	0.0406	0.0050	"	0.0400		101	40-120			
Aldrin	0.0334	0.0050	"	0.0400		83.6	40-120			
Dieldrin	0.0400	0.0050	"	0.0402		99.6	40-120			
Endrin	0.0399	0.0050	"	0.0402		99.3	40-120			
4,4´-DDT	0.0413	0.0050	"	0.0404		102	33-147			
Surrogate: Tetrachloro-meta-xylene	*0.00751*		*"*	*0.0100*		*75.1*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00376*		*"*	*0.0100*		*37.6*	*35-140*			
Matrix Spike (25D0155-MS1)	**Source: T251616-05**			Prepared: 04/09/25 Analyzed: 04/15/25						
gamma-BHC (Lindane)	0.0397	0.056	mg/kg dry wt. dry	0.0454	ND	87.4	30-120			R-07
Heptachlor	0.0339	0.056	"	0.0449	ND	75.5	30-120			R-07
Aldrin	0.0273	0.056	"	0.0449	ND	60.8	30-120			R-07
Dieldrin	0.0344	0.056	"	0.0451	ND	76.1	30-120			R-07
Endrin	0.0370	0.056	"	0.0451	ND	81.9	30-120			R-07
4,4´-DDT	0.0274	0.056	"	0.0454	ND	60.5	30-120			R-07
Surrogate: Tetrachloro-meta-xylene	*0.00649*		*"*	*0.0112*		*57.8*	*35-140*			*R-07*
Surrogate: Decachlorobiphenyl	*0.00244*		*"*	*0.0112*		*21.8*	*35-140*			*S-GC, R-07*

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Organochlorine Pesticides by EPA Method 8081A - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0155 - EPA 3550B Soil										
Matrix Spike Dup (25D0155-MSD1)		**Source: T251616-05**		Prepared: 04/09/25 Analyzed: 04/15/25						
gamma-BHC (Lindane)	0.0382	0.056	mg/kg dry wt. dry	0.0454	ND	84.3	30-120	3.64	30	R-07
Heptachlor	0.0317	0.056	"	0.0449	ND	70.5	30-120	6.81	30	R-07
Aldrin	0.0262	0.056	"	0.0449	ND	58.4	30-120	3.92	30	R-07
Dieldrin	0.0334	0.056	"	0.0451	ND	74.0	30-120	2.85	30	R-07
Endrin	0.0354	0.056	"	0.0451	ND	78.5	30-120	4.30	30	R-07
4,4′-DDT	0.0253	0.056	"	0.0454	ND	55.8	30-120	8.06	30	R-07
Surrogate: Tetrachloro-meta-xylene	*0.00608*		*"*	*0.0112*		*54.1*	*35-140*			*R-07*
Surrogate: Decachlorobiphenyl	*0.00225*		*"*	*0.0112*		*20.1*	*35-140*			*S-GC, R-07*

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0156 - EPA 3550B PCB										
Blank (25D0156-BLK1)				Prepared: 04/09/25 Analyzed: 04/14/25						
Aroclor-1016	ND	0.010	mg/kg dry wt. wet							
Aroclor-1221	ND	0.010	"							
Aroclor-1232	ND	0.010	"							
Aroclor-1242	ND	0.010	"							
Aroclor-1248	ND	0.010	"							
Aroclor-1254	ND	0.010	"							
Aroclor-1260	ND	0.010	"							
Surrogate: Tetrachloro-meta-xylene	*0.00675*		"	*0.0100*		*67.5*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00386*		"	*0.0100*		*38.6*	*35-140*			
LCS (25D0156-BS1)				Prepared: 04/09/25 Analyzed: 04/14/25						
Aroclor-1016	0.0957	0.010	mg/kg dry wt. wet	0.101		94.7	40-130			
Aroclor-1260	0.101	0.010	"	0.100		101	40-130			
Surrogate: Tetrachloro-meta-xylene	*0.00685*		"	*0.0100*		*68.5*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.00777*		"	*0.0100*		*77.7*	*35-140*			
Matrix Spike (25D0156-MS1)		**Source: T251615-03**		Prepared: 04/09/25 Analyzed: 04/14/25						
Aroclor-1016	0.0713	0.012	mg/kg dry wt. dry	0.125	ND	57.1	40-130			
Aroclor-1260	0.0466	0.012	"	0.124	ND	37.7	40-130			QM-05
Surrogate: Tetrachloro-meta-xylene	*0.00385*		"	*0.0124*		*31.2*	*35-140*			*S-03*
Surrogate: Decachlorobiphenyl	*0.00289*		"	*0.0124*		*23.3*	*35-140*			*S-03*
Matrix Spike Dup (25D0156-MSD1)		**Source: T251615-03**		Prepared: 04/09/25 Analyzed: 04/14/25						
Aroclor-1016	0.0639	0.012	mg/kg dry wt. dry	0.125	ND	51.2	40-130	10.9	30	
Aroclor-1260	0.0402	0.012	"	0.124	ND	32.5	40-130	14.7	30	QM-05
Surrogate: Tetrachloro-meta-xylene	*0.00363*		"	*0.0124*		*29.4*	*35-140*			*S-03*
Surrogate: Decachlorobiphenyl	*0.000718*		"	*0.0124*		*5.80*	*35-140*			*S-03*

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Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0145 - EPA 5030 GCMS										
Blank (25D0145-BLK1)				Prepared & Analyzed: 04/09/25						
Bromobenzene	ND	0.0025	mg/kg dry wt. wet							
Bromochloromethane	ND	0.0025	"							
Bromodichloromethane	ND	0.0025	"							
Bromoform	ND	0.0025	"							
Bromomethane	ND	0.0025	"							
n-Butylbenzene	ND	0.0025	"							
sec-Butylbenzene	ND	0.0025	"							
tert-Butylbenzene	ND	0.0025	"							
Carbon tetrachloride	ND	0.0025	"							
Chlorobenzene	ND	0.0025	"							
Chloroethane	ND	0.0025	"							
Chloroform	ND	0.0025	"							
Chloromethane	ND	0.0025	"							
2-Chlorotoluene	ND	0.0025	"							
4-Chlorotoluene	ND	0.0025	"							
Dibromochloromethane	ND	0.0025	"							
1,2-Dibromo-3-chloropropane	ND	0.0050	"							
1,2-Dibromoethane (EDB)	ND	0.0025	"							
Dibromomethane	ND	0.0025	"							
1,2-Dichlorobenzene	ND	0.0025	"							
1,3-Dichlorobenzene	ND	0.0025	"							
1,4-Dichlorobenzene	ND	0.0025	"							
Dichlorodifluoromethane	ND	0.0025	"							
1,1-Dichloroethane	ND	0.0025	"							
1,2-Dichloroethane	ND	0.0025	"							
1,1-Dichloroethene	ND	0.0025	"							
cis-1,2-Dichloroethene	ND	0.0025	"							
trans-1,2-Dichloroethene	ND	0.0025	"							
1,2-Dichloropropane	ND	0.0025	"							
1,3-Dichloropropane	ND	0.0025	"							
2,2-Dichloropropane	ND	0.0025	"							
1,1-Dichloropropene	ND	0.0025	"							
cis-1,3-Dichloropropene	ND	0.0025	"							
trans-1,3-Dichloropropene	ND	0.0025	"							
Hexachlorobutadiene	ND	0.0025	"							

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0145 - EPA 5030 GCMS										
Blank (25D0145-BLK1)				Prepared & Analyzed: 04/09/25						
Isopropylbenzene	ND	0.0025	mg/kg dry wt. wet							
p-Isopropyltoluene	ND	0.0025	"							
Methylene chloride	ND	0.010	"							
Naphthalene	ND	0.0025	"							
n-Propylbenzene	ND	0.0025	"							
Styrene	ND	0.0025	"							
1,1,2,2-Tetrachloroethane	ND	0.0025	"							
1,1,1,2-Tetrachloroethane	ND	0.0025	"							
Tetrachloroethene	ND	0.0025	"							
1,2,3-Trichlorobenzene	ND	0.0025	"							
1,2,4-Trichlorobenzene	ND	0.0025	"							
1,1,2-Trichloroethane	ND	0.0025	"							
1,1,1-Trichloroethane	ND	0.0025	"							
Trichloroethene	ND	0.0025	"							
Trichlorofluoromethane	ND	0.0025	"							
1,2,3-Trichloropropane	ND	0.0025	"							
1,3,5-Trimethylbenzene	ND	0.0025	"							
1,2,4-Trimethylbenzene	ND	0.0025	"							
Vinyl chloride	ND	0.0025	"							
Benzene	ND	0.0025	"							
Toluene	ND	0.0025	"							
Ethylbenzene	ND	0.0025	"							
m,p-Xylene	ND	0.0050	"							
o-Xylene	ND	0.0025	"							
Acetone	ND	0.0050	"							
Methyl ethyl ketone	ND	0.0050	"							
Methyl isobutyl ketone	ND	0.0050	"							
2-Hexanone (MBK)	ND	0.0050	"							
Surrogate: 4-Bromofluorobenzene	*0.0445*		"	*0.0500*		*88.9*	*75.4-139*			
Surrogate: Dibromofluoromethane	*0.0400*		"	*0.0500*		*80.0*	*73.1-125*			
Surrogate: Toluene-d8	*0.0508*		"	*0.0500*		*102*	*82.6-117*			

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0145 - EPA 5030 GCMS										
LCS (25D0145-BS1)				Prepared & Analyzed: 04/09/25						
Chlorobenzene	0.0493	0.0025	mg/kg dry wt. wet	0.0500		98.6	65.2-124			
1,1-Dichloroethene	0.0376	0.0025	"	0.0500		75.1	60.9-131			
Trichloroethene	0.0478	0.0025	"	0.0500		95.6	62.1-126			
Benzene	0.0539	0.0025	"	0.0500		108	65.3-127			
Toluene	0.0543	0.0025	"	0.0500		109	64.3-122			
Surrogate: 4-Bromofluorobenzene	*0.0481*		"	*0.0500*		*96.2*	*75.4-139*			
Surrogate: Dibromofluoromethane	*0.0429*		"	*0.0500*		*85.8*	*73.1-125*			
Surrogate: Toluene-d8	*0.0510*		"	*0.0500*		*102*	*82.6-117*			
Matrix Spike (25D0145-MS1)		**Source: T251615-03**		Prepared & Analyzed: 04/09/25						
Chlorobenzene	0.0557	0.0031	mg/kg dry wt. dry	0.0618	ND	90.1	65.2-125			
1,1-Dichloroethene	0.0448	0.0031	"	0.0618	ND	72.5	60.9-131			
Trichloroethene	0.0548	0.0031	"	0.0618	ND	88.6	62.1-126			
Benzene	0.0610	0.0031	"	0.0618	ND	98.7	65.3-127			
Toluene	0.0609	0.0031	"	0.0618	ND	98.6	64.3-125			
Surrogate: 4-Bromofluorobenzene	*0.0597*		"	*0.0618*		*96.5*	*75.4-139*			
Surrogate: Dibromofluoromethane	*0.0534*		"	*0.0618*		*86.3*	*73.1-125*			
Surrogate: Toluene-d8	*0.0634*		"	*0.0618*		*103*	*82.6-117*			
Matrix Spike Dup (25D0145-MSD1)		**Source: T251615-03**		Prepared & Analyzed: 04/09/25						
Chlorobenzene	0.0519	0.0031	mg/kg dry wt. dry	0.0618	ND	83.9	65.2-125	7.03	20	
1,1-Dichloroethene	0.0417	0.0031	"	0.0618	ND	67.5	60.9-131	7.14	20	
Trichloroethene	0.0521	0.0031	"	0.0618	ND	84.3	62.1-126	5.00	20	
Benzene	0.0583	0.0031	"	0.0618	ND	94.2	65.3-127	4.66	20	
Toluene	0.0576	0.0031	"	0.0618	ND	93.2	64.3-125	5.61	20	
Surrogate: 4-Bromofluorobenzene	*0.0591*		"	*0.0618*		*95.6*	*75.4-139*			
Surrogate: Dibromofluoromethane	*0.0522*		"	*0.0618*		*84.4*	*73.1-125*			
Surrogate: Toluene-d8	*0.0636*		"	*0.0618*		*103*	*82.6-117*			

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Providing Quality Analytical Services Nationwide

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0157 - EPA 3550B Soil										
Blank (25D0157-BLK1)				Prepared: 04/09/25 Analyzed: 04/14/25						
Acenaphthene	ND	0.30	mg/kg dry wt. wet							
Acenaphthylene	ND	0.30	"							
Aniline	ND	0.30	"							
Anthracene	ND	0.30	"							
Azobenzene	ND	0.30	"							
Benzo (a) anthracene	ND	0.30	"							
Benzo (a) pyrene	ND	0.30	"							
Benzo (b) fluoranthene	ND	0.30	"							
Benzo (g,h,i) perylene	ND	1.0	"							
Benzo (k) fluoranthene	ND	0.30	"							
Benzyl alcohol	ND	0.30	"							
4-Bromophenyl phenyl ether	ND	0.30	"							
Butyl benzyl phthalate	ND	0.30	"							
Carbazole	ND	0.30	"							
4-Chloro-3-methylphenol	ND	1.0	"							
4-Chloroaniline	ND	0.30	"							
Bis(2-chloroethoxy)methane	ND	0.30	"							
Bis(2-chloroethyl)ether	ND	0.30	"							
Bis(2-chloroisopropyl)ether	ND	0.30	"							
2-Chloronaphthalene	ND	0.30	"							
2-Chlorophenol	ND	1.0	"							
4-Chlorophenyl phenyl ether	ND	0.30	"							
Chrysene	ND	0.30	"							
Dibenz (a,h) anthracene	ND	0.30	"							
Dibenzofuran	ND	0.30	"							
Di-n-butyl phthalate	ND	0.30	"							
1,2-Dichlorobenzene	ND	0.30	"							
1,3-Dichlorobenzene	ND	0.30	"							
1,4-Dichlorobenzene	ND	0.30	"							
2,4-Dichlorophenol	ND	1.0	"							
Diethyl phthalate	ND	0.30	"							
2,4-Dimethylphenol	ND	1.0	"							
Dimethyl phthalate	ND	0.30	"							
4,6-Dinitro-2-methylphenol	ND	1.0	"							
2,4-Dinitrophenol	ND	1.0	"							

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Lake Forest, California 92630
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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0157 - EPA 3550B Soil										
Blank (25D0157-BLK1)				Prepared: 04/09/25 Analyzed: 04/14/25						
2,4-Dinitrotoluene	ND	0.30	mg/kg dry wt. wet							
2,6-Dinitrotoluene	ND	1.0	"							
Di-n-octyl phthalate	ND	0.30	"							
Bis(2-ethylhexyl)phthalate	ND	0.30	"							
Fluoranthene	ND	0.30	"							
Fluorene	ND	0.30	"							
Hexachlorobenzene	ND	1.5	"							
Hexachlorobutadiene	ND	0.30	"							
Hexachlorocyclopentadiene	ND	1.0	"							
Hexachloroethane	ND	0.30	"							
Indeno (1,2,3-cd) pyrene	ND	0.30	"							
Isophorone	ND	0.30	"							
1-Methylnaphthalene	ND	0.30	"							
2-Methylnaphthalene	ND	0.30	"							
4-Methylphenol	ND	1.0	"							
2-Methylphenol	ND	1.0	"							
Naphthalene	ND	0.30	"							
4-Nitroaniline	ND	0.30	"							
3-Nitroaniline	ND	0.30	"							
2-Nitroaniline	ND	0.30	"							
Nitrobenzene	ND	1.0	"							
2-Nitrophenol	ND	1.0	"							
4-Nitrophenol	ND	1.0	"							
N-Nitrosodimethylamine	ND	0.30	"							
N-Nitrosodiphenylamine	ND	0.30	"							
N-Nitrosodi-n-propylamine	ND	0.30	"							
Pentachlorophenol	ND	1.0	"							
Phenanthrene	ND	0.30	"							
Phenol	ND	1.0	"							
Pyrene	ND	0.30	"							
Pyridine	ND	0.30	"							
2,3,5,6-Tetrachlorophenol	ND	0.30	"							
2,3,4,6-Tetrachlorophenol	ND	0.30	"							
1,2,4-Trichlorobenzene	ND	0.30	"							
2,4,6-Trichlorophenol	ND	1.0	"							

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0157 - EPA 3550B Soil										
Blank (25D0157-BLK1)				Prepared: 04/09/25 Analyzed: 04/14/25						
2,4,5-Trichlorophenol	ND	1.0	mg/kg dry wt. wet							
Surrogate: 2-Fluorobiphenyl	*2.33*		"	*3.33*		*69.8*	*32.4-102*			
Surrogate: 2-Fluorophenol	*1.92*		"	*3.33*		*57.6*	*15-121*			
Surrogate: Nitrobenzene-d5	*2.01*		"	*3.33*		*60.3*	*21.3-119*			
Surrogate: Phenol-d6	*1.87*		"	*3.33*		*56.2*	*24-113*			
Surrogate: Terphenyl-dl4	*3.10*		"	*3.33*		*93.2*	*29.1-130*			
Surrogate: 2,4,6-Tribromophenol	*2.93*		"	*3.33*		*87.8*	*18.1-105*			
LCS (25D0157-BS1)				Prepared: 04/09/25 Analyzed: 04/14/25						
Acenaphthene	2.71	0.30	mg/kg dry wt. wet	3.33		81.2	34-114			
4-Chloro-3-methylphenol	2.39	1.0	"	3.33		71.7	50-130			
2-Chlorophenol	2.27	1.0	"	3.33		68.1	34-114			
1,4-Dichlorobenzene	2.08	0.30	"	3.33		62.3	34-114			
N-Nitrosodi-n-propylamine	2.45	0.30	"	3.33		73.5	30-110			
Pentachlorophenol	3.06	1.0	"	3.33		91.9	50-130			
Phenol	1.93	1.0	"	3.33		57.8	34-114			
Pyrene	3.64	0.30	"	3.33		109	33.7-123			
1,2,4-Trichlorobenzene	2.39	0.30	"	3.33		71.7	39-119			
Surrogate: 2-Fluorobiphenyl	*2.37*		"	*3.33*		*71.2*	*32.4-102*			
Surrogate: 2-Fluorophenol	*1.96*		"	*3.33*		*58.7*	*15-121*			
Surrogate: Nitrobenzene-d5	*2.06*		"	*3.33*		*61.8*	*21.3-119*			
Surrogate: Phenol-d6	*1.96*		"	*3.33*		*58.8*	*24-113*			
Surrogate: Terphenyl-dl4	*3.16*		"	*3.33*		*94.9*	*29.1-130*			
Surrogate: 2,4,6-Tribromophenol	*3.12*		"	*3.33*		*93.5*	*18.1-105*			
Matrix Spike (25D0157-MS1)	**Source: T251615-15**			Prepared: 04/09/25 Analyzed: 04/14/25						
Acenaphthene	2.88	0.35	mg/kg dry wt. dry	3.91	ND	73.7	34-114			
4-Chloro-3-methylphenol	3.29	1.2	"	3.91	ND	84.2	50-130			
2-Chlorophenol	2.86	1.2	"	3.91	ND	73.2	34-114			
1,4-Dichlorobenzene	1.59	0.35	"	3.91	ND	40.7	34-114			
N-Nitrosodi-n-propylamine	3.00	0.35	"	3.91	ND	76.7	30-110			
Pentachlorophenol	2.67	1.2	"	3.91	ND	68.3	50-130			
Phenol	2.80	1.2	"	3.91	ND	71.7	34-114			
Pyrene	3.46	0.35	"	3.91	ND	88.4	33.7-123			

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0157 - EPA 3550B Soil										
Matrix Spike (25D0157-MS1)	**Source: T251615-15**			Prepared: 04/09/25 Analyzed: 04/14/25						
1,2,4-Trichlorobenzene	2.25	0.35	mg/kg dry wt. dry	3.91	ND	57.5	39-119			
Surrogate: 2-Fluorobiphenyl	*2.52*		"	*3.91*		*64.4*	*32.4-102*			
Surrogate: 2-Fluorophenol	*2.35*		"	*3.91*		*60.1*	*15-121*			
Surrogate: Nitrobenzene-d5	*2.59*		"	*3.91*		*66.4*	*21.3-119*			
Surrogate: Phenol-d6	*2.37*		"	*3.91*		*60.7*	*24-113*			
Surrogate: Terphenyl-dl4	*3.56*		"	*3.91*		*91.2*	*29.1-130*			
Surrogate: 2,4,6-Tribromophenol	*3.64*		"	*3.91*		*93.1*	*18.1-105*			
Matrix Spike Dup (25D0157-MSD1)	**Source: T251615-15**			Prepared: 04/09/25 Analyzed: 04/14/25						
Acenaphthene	2.84	0.35	mg/kg dry wt. dry	3.91	ND	72.6	34-114	1.53	31	
4-Chloro-3-methylphenol	3.38	1.2	"	3.91	ND	86.5	50-130	2.69	42	
2-Chlorophenol	2.93	1.2	"	3.91	ND	74.9	34-114	2.30	40	
1,4-Dichlorobenzene	1.57	0.35	"	3.91	ND	40.2	34-114	1.26	28	
N-Nitrosodi-n-propylamine	2.86	0.35	"	3.91	ND	73.2	30-110	4.60	38	
Pentachlorophenol	3.38	1.2	"	3.91	ND	86.5	50-130	23.5	50	
Phenol	2.64	1.2	"	3.91	ND	67.7	34-114	5.81	42	
Pyrene	3.54	0.35	"	3.91	ND	90.6	33.7-123	2.46	31	
1,2,4-Trichlorobenzene	2.23	0.35	"	3.91	ND	57.0	39-119	0.856	28	
Surrogate: 2-Fluorobiphenyl	*2.49*		"	*3.91*		*63.6*	*32.4-102*			
Surrogate: 2-Fluorophenol	*2.40*		"	*3.91*		*61.4*	*15-121*			
Surrogate: Nitrobenzene-d5	*2.44*		"	*3.91*		*62.5*	*21.3-119*			
Surrogate: Phenol-d6	*2.63*		"	*3.91*		*67.4*	*24-113*			
Surrogate: Terphenyl-dl4	*3.67*		"	*3.91*		*94.0*	*29.1-130*			
Surrogate: 2,4,6-Tribromophenol	*3.77*		"	*3.91*		*96.4*	*18.1-105*			

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25D0158 - General Preparation										
Blank (25D0158-BLK1)				Prepared: 04/09/25 Analyzed: 04/10/25						
Hexavalent Chromium	ND	0.20	mg/kg dry wt. wet							
LCS (25D0158-BS1)				Prepared: 04/09/25 Analyzed: 04/10/25						
Hexavalent Chromium	9.47	0.20	mg/kg dry wt. wet	10.0		94.7	80-120			
Matrix Spike (25D0158-MS1)		**Source: T251615-80**		Prepared: 04/09/25 Analyzed: 04/10/25						
Hexavalent Chromium	7.59	0.23	mg/kg dry wt. dry	11.7	ND	64.8	75-125			QM-05
Matrix Spike Dup (25D0158-MSD1)		**Source: T251615-80**		Prepared: 04/09/25 Analyzed: 04/10/25						
Hexavalent Chromium	8.20	0.23	mg/kg dry wt. dry	11.7	ND	70.1	75-125	7.75	20	QM-05
Batch 25D0159 - General Preparation										
Duplicate (25D0159-DUP1)		**Source: T251615-16**		Prepared: 04/09/25 Analyzed: 04/11/25						
% Solids	85.8		%		81.3			5.35	20	
Batch 25D0160 - General Preparation										
Duplicate (25D0160-DUP1)		**Source: T251616-01**		Prepared: 04/09/25 Analyzed: 04/15/25						
% Solids	82.0		%		82.1			0.134	20	
Batch 25D0161 - General Preparation										
Duplicate (25D0161-DUP1)		**Source: T251616-13**		Prepared: 04/09/25 Analyzed: 04/15/25						
% Solids	81.4		%		83.2			2.13	20	

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	04/21/25 09:23

Notes and Definitions

S-GC	Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
S-03	The surrogate recovery was below acceptance criteria in the sample because of a possible matrix effect. The surrogate recovery was within acceptance criteria in the method blank and LCS.
R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s) and/or matrix effect.
QM-PS	The percent recovery and/or RPD are outside acceptance criteria. Results accepted based upon percent recovery results in the post spike and/or serial dilution.
QM-07	The spike recovery and/or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.
QB-01	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
D-06	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

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T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)
Page 1 of 10

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner	TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
01	S	4/7/25	13:40		X	S01-1.0	0.5	1.0	1									
02	S	4/7/25	13:50		X	S01-2.5	2.0	2.5	1									
03	S	4/7/25	14:45		X	S02-1.0	0.5	1.0	1		X	X	X	X	X	X	X	
04	S	4/7/25	14:50		X	S02-2.5	2.0	2.5	1		X	X	X	X	X	X		
05	S	4/7/25	14:45		X	S03-1.0	0.5	1.0	1									
06	S	4/7/25	14:47		X	S03-2.5	2.0	2.5	1									
07	S	4/7/25	14:30		X	S04-1.0	0.5	1.0	1									
08	S	4/7/25	14:35		X	S04-2.5	2.0	2.5	1									
09	S	4/7/25	13:55		X	S05-1.0	0.5	1.0	1									
10	S	4/7/25	14:38		X	S05-2.5	2.0	2.5	1									

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	ED Stevens	4/8/25	930
ED Stevens	4/8/25	1545	GLS/Matthew		
GLS	4/9/25	11:34	Rob Dunn	4/9/25	11:34

NOTES:
1. Report on a dry-weight basis
2. Composite sampling directions provided on page 10.
3. Provide EDD with PDF Report
4. Report results to:
sadie.bodiford@terracon.com
joe.rosenbery@terracon.com
tony.mikacich@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°C

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
11	S	4/7/25	10:22		X	S06-1.0	0.5	1.0		1										
12	S	4/7/25	10:19		X	S06-2.5	2.0	2.5		1										
13	S	4/7/25	10:16		X	S07-1.0	0.5	1.0		1										
14	S	4/7/25	10:15		X	S07-2.5	2.0	2.5		1										
15	S	4/7/25	9:38		X	S08-1.0	0.5	1.0		1			X	X	X	X	X	X		
16	S	4/7/25	9:37		X	S08-2.5	2.0	2.5		1			X	X	X	X	X	X		
17	S	4/7/25	9:53		X	S09-1.0	0.5	1.0		1										
18	S	4/7/25	9:50		X	S09-2.5	2.0	2.5		1										
19	S	4/7/25	10:10		X	S10-1.0	0.5	1.0		1										
20	S	4/7/25	10:05		X	S10-2.5	2.0	2.5		1										

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	04/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthews		
GLS			Pat Penn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
21	S	4/7/25	10:36		X	S11-1.0	0.5	1.0		1										
22	S	4/7/25	10:32		X	S11-2.5	2.0	2.5		1										
23	S	4/7/25	10:40		X	S12-1.0	0.5	1.0		1										
24	S	4/7/25	10:38		X	S12-2.5	2.0	2.5		1										
25	S	4/7/25	11:12		X	S13-1.0	0.5	1.0		1										
26	S	4/7/25	11:10		X	S13-2.5	2.0	2.5		1										
27	S	4/7/25	11:23		X	S14-1.0	0.5	1.0		1										
28	S	4/7/25	11:20		X	S14-2.5	2.0	2.5		1										
29	S	4/7/25	12:06		X	S15-1.0	0.5	1.0		1			X	X	X	X	X	X		
30	S	4/7/25	12:05		X	S15-2.5	2.0	2.5		1			X	X	X	X	X	X		

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS				4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
31	S	4/7/25	11:55		X	S16-1.0	0.5	1.0		1										
32	S	4/7/25	11:53		X	S16-2.5	2.0	2.5		1										
33	S	4/7/25	12:00		X	S17-1.0	0.5	1.0		1										
34	S	4/7/25	11:58		X	S17-2.5	2.0	2.5		1										
35	S	4/7/25	14:10		X	S18-1.0	0.5	1.0	1											
36	S	4/7/25	14:20		X	S18-2.5	2.0	2.5	1											
37	S	4/7/25	9:25		X	S19-1.0	0.5	1.0	1											
38	S	4/7/25	9:35		X	S19-2.5	2.0	2.5	1											
39	S	4/7/25	9:47		X	S20-1.0	0.5	1.0	1											
40	S	4/7/25	9:59		X	S20-2.5	2.0	2.5	1											

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthews		
GLS			Paul Burn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°C

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
41	S	4/7/25	10:21		X	S21-1.0	0.5	1.0	1											
42	S	4/7/25	10:29		X	S21-2.5	2.0	2.5	1											
43	S	4/7/25	8:35		X	S22-1.0	0.5	1.0	1											
44	S	4/7/25	8:48		X	S22-2.5	2.0	2.5	1											
45	S	4/7/25	9:00		X	S23-1.0	0.5	1.0	1											
46	S	4/7/25	9:10		X	S23-2.5	2.0	2.5	1											
47	S	4/7/25	13:25		X	S24-1.0	0.5	1.0	1											
48	S	4/7/25	13:30		X	S24-2.5	2.0	2.5	1											
49	S	4/7/25	11:35		X	S25-1.0	0.5	1.0	1											
50	S	4/7/25	11:42		X	S25-2.5	2.0	2.5	1											

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Paul Ann	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T25I8615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
S1	S	4/7/25	10:50		X	S26-1.0	0.5	1.0	1											
S2	S	4/7/25	11:00		X	S26-2.5	2.0	2.5	1											
S3	S	4/7/25	11:08		X	S27-1.0	0.5	1.0	1											
S4	S	4/7/25	11:15		X	S27-2.5	2.0	2.5	1											
S5	S	4/7/25	12:35		X	S28-1.0	0.5	1.0	1											
S6	S	4/7/25	12:45		X	S28-2.5	2.0	2.5	1											
S7	S	4/7/25	12:05		X	S29-1.0	0.5	1.0	1											
S8	S	4/7/25	12:15		X	S29-2.5	2.0	2.5	1											
S9	S	4/7/25	8:40		X	S30-1.0	0.5	1.0		1										
60	S	4/7/25	8:45		X	S30-2.5	2.0	2.5		1										

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Rel Hunn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
61	S	4/7/25	9:02		X	S31-1.0	0.5	1.0		1										
62	S	4/7/25	9:00		X	S31-2.5	2.0	2.5		1										
63	S	4/7/25	9:08		X	S32-1.0	0.5	1.0		1			X	X	X	X	X	X		
64	S	4/7/25	9:05		X	S32-2.5	2.0	2.5		1			X	X	X	X	X	X		
65	S	4/7/25	9:18		X	S33-1.0	0.5	1.0		1										
66	S	4/7/25	9:15		X	S33-2.5	2.0	2.5		1										
67	S	4/7/25	8:20		X	S34-1.0	0.5	1.0		1										
68	S	4/7/25	8:25		X	S34-2.5	2.0	2.5		1										
69	S	4/7/25	8:30		X	S35-1.0	0.5	1.0	1											
70	S	4/7/25	8:35		X	S35-2.5	2.0	2.5	1											

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS				4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3, 4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)
Page 8 of 10

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	Composite Samples OCPs (8081) and Lead (6020)	Lab Sample ID
71	S	4/7/25	10:28		X	S36-1.0	0.5	1.0		1										
72	S	4/7/25	10:25		X	S36-2.5	2.0	2.5		1										
73	S	4/7/25	12:35		X	S37-1.0	0.5	1.0		1										
74	S	4/7/25	12:34		X	S37-2.5	2.0	2.5		1										
75	S	4/7/25	12:22		X	S38-1.0	0.5	1.0		1										
76	S	4/7/25	12:20		X	S38-2.5	2.0	2.5		1										
77	S	4/7/25	12:30		X	S39-1.0	0.5	1.0		1			X	X	X	X	X	X		
78	S	4/7/25	12:29		X	S39-2.5	2.0	2.5		1			X	X	X	X	X	X		
79	S	4/7/25	11:40		X	S40-1.0	0.5	1.0		1			X	X	X	X	X	X		
80	S	4/7/25	11:38		X	S40-2.5	2.0	2.5		1			X	X	X	X	X	X		> Actually jars not Liners

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Paul Dunn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

T251615

CHAIN OF CUSTODY RECORD

Terracon

Laboratory: SunStar Laboratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630

Office Location: Sacramento, CA
Phone: 916-246-5080
Project Manager: Sadie Bodiford
Contact:
Sampler's Name: Sadie Bodiford
PO/SO #:
Sampler's Signature: Sadie Bodiford

Project Number: NA247141
Project Name: Frank Otis Elementary School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:
TEMP OF COOLER WHEN RECEIVED (°C)

	Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 8oz jar	Liner			TPH G/D/O (8015)	VOCs (8260)	SVOCs (8270)	CAM 17 Metals (6020/7471)	OCPs/PCBs (8081/8082)	Hexevalent Chromium (7176)	PCBs (8082)	Lab Sample ID
81	S	4/7/25	12:41		X	S42-1.0	0.5	1.0	1				X	X	X	X	X	X		
82	S	4/7/25	12:44		X	S42-2.5	2.0	2.5	1				X	X	X	X	X	X		
83	S	4/7/25	13:00		X	S43-1.0	0.5	1.0	1				X	X	X	X	X	X		
84	S	4/7/25	13:12		X	S43-2.5	2.0	2.5	1				X	X	X	X	X	X		
85	S	4/7/25	14:05		X	S44-0.5	0	0.5	1										X	

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Sadie Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	930
Ed Stevens	4/8/25	1545	GLS/Matthew		
GLS			Pat Flynn	4/9/25	11:34

NOTES:

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; Liner = DPT Liner with Caps

3.4°c

GLS.

800-322-5555
www.gls-us.com

Ship From
SUN STAR LABS
WEST SACRAMENTO OFFICE
3140 BEACON BLVD
SUITE A
WEST SACRAMENTO, CA 95691

Ship To
SUNSTAR LABORATORIES-SOUTH
SAMPLE RECEIVING
25712 COMMERCENTRE DR.
LAKE FOREST, CA 92630

COD: $0.00
Weight: 0 lb(s)
Reference:

Delivery Instructions:

Signature Type: NOT REQUIRED

Tracking #: 562772365

PDS

LAKE FOREST

S16025E

28094269

NWK CA906-GD0

Print Date: 3/18/2025 12:18 PM

Package 2 of 25

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T251615

Client Name: Terracon-Sacramento Project: Frank Otis Elementary School

Delivered by: ☐ Client ☐ SunStar Courier ☒ GLS ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: Paul Date/Time Lab Received: 4/9/25 11:34

Total number of coolers received: 1 Thermometer ID: SC-1 Calibration due: 11/19/2025

Temperature: Cooler #1	3.3 °C +/- the CF (+ 0.1°C)	=	3.4	°C corrected temperature
Temperature: Cooler #2	°C +/- the CF (+ 0.1°C)	=		°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (+ 0.1°C)	=		°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☒ **Yes** ☐ **No** ☐ **N/A**
If NO:		
Samples received on ice?	☐ Yes	☐ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	☒ Yes	☐ No*	☐ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: KO 4/9/25

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

T251616

Composite Sampling Directions

Compsoite Sample Group	Composite IDs	Composite Analysis
S01-1.0 S02-1.0 S03-1.0	COMP01-1.0	OCPs (8081) Lead (6020)
S01-2.5 S02-2.5 S03-2.5	COMP01-2.5	OCPs (8081) Lead (6020)
S04-1.0 S05-1.0 S06-1.0	COMP02-1.0	OCPs (8081) Lead (6020)
S04-2.5 S05-2.5 S06-2.5	COMP02-2.5	OCPs (8081) Lead (6020)
S07-1.0 S08-1.0 S09-1.0	COMP03-1.0	OCPs (8081) Lead (6020)
S07-2.5 S08-2.5 S09-2.5	COMP03-2.5	OCPs (8081) Lead (6020)
S10-1.0 S11-1.0 S12-1.0	COMP04-1.0	OCPs (8081) Lead (6020)
S10-1.0 S11-1.0 S12-1.0	COMP04-2.5	OCPs (8081) Lead (6020)
S13-1.0 S14-1.0 S15-1.0	COMP05-1.0	OCPs (8081) Lead (6020)
S13-2.5 S14-2.5 S15-2.5	COMP05-2.5	OCPs (8081) Lead (6020)
S16-1.0 S17-1.0 S18-1.0	COMP06-1.0	OCPs (8081) Lead (6020)
S16-2.5 S17-2.5 S18-2.5	COMP06-2.5	OCPs (8081) Lead (6020)

Compsoite Sample Group	Composite IDs	Composite Analysis
S19-1.0 S20-1.0 S21-1.0	COMP07-1.0	OCPs (8081) Lead (6020)
S19-2.5 S20-2.5 S21-2.5	COMP07-2.5	OCPs (8081) Lead (6020)
S22-1.0 S23-1.0 S24-1.0	COMP08-1.0	OCPs (8081) Lead (6020)
S22-2.5 S23-2.5 S24-2.5	COMP08-2.5	OCPs (8081) Lead (6020)
S25-1.0 S26-1.0 S27-1.0	COMP09-1.0	OCPs (8081) Lead (6020)
S25-2.5 S26-2.5 S27-2.5	COMP09-2.5	OCPs (8081) Lead (6020)
S28-1.0 S29-1.0 S30-1.0	COMP10-1.0	OCPs (8081) Lead (6020)
S28-2.5 S29-2.5 S30-2.5	COMP10-2.5	OCPs (8081) Lead (6020)
S31-1.0 S32-1.0 S33-1.0	COMP11-1.0	OCPs (8081) Lead (6020)
S31-2.5 S32-2.5 S33-2.5	COMP11-2.5	OCPs (8081) Lead (6020)
S034-1.0 S035-1.0	COMP12-1.0	OCPs (8081) Lead (6020)
S034-2.5 S035-2.5	COMP12-2.5	OCPs (8081) Lead (6020)

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Jadi Bodiford	4/8/25	9:30	Ed Stevens	4/8/25	9:30
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Ed Stevens	4/8/25	1545	GLS/Matthew	4/8/25	1545

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

Receiving Form 001A

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T251616

Client Name: Terracon-Sacramento Project: Frank Otis Elementary School

Delivered by: ☐ Client ☐ SunStar Courier ☒ GLS ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: Paul Date/Time Lab Received: 4/9/25 11:34

Total number of coolers received: 1 Thermometer ID: SC-1 Calibration due: 11/19/2025

Temperature: Cooler #1	3.3 °C +/- the CF (+ 0.1°C)	=	3.4	°C corrected temperature
Temperature: Cooler #2	°C +/- the CF (+ 0.1°C)	=		°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (+ 0.1°C)	=		°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☒ **Yes** ☐ **No** ☐ **N/A**
If NO:		
Samples received on ice?	☐ Yes	☐ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	☒ Yes	☐ No*	☐ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: KO 4/9/25

Comments:

Rev. 03 Date 11/24

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

GLS.

800-322-5555
www.gls-us.com

Ship From
SUN STAR LABS
WEST SACRAMENTO OFFICE
3140 BEACON BLVD
SUITE A
WEST SACRAMENTO, CA 95691

Tracking #: 562772364

PDS

Ship To
SUNSTAR LABORATORIES-SOUTH
SAMPLE RECEIVING
25712 COMMERCENTRE DR.
LAKE FOREST, CA 92630

LAKE FOREST

S16025E

COD: $0.00
Weight: 0 lb(s)
Reference:

Delivery Instructions:

28094268

Signature Type: NOT REQUIRED

NWK CA906-GD0

Print Date: 3/18/2025 12:18 PM

Package 1 of 25

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Report To:

Terracon -- Sacramento
Sadie Bodiford
50 Goldenland Court, Suite 100
Sacramento, CA 95834

Date Due:	04/16/25 17:00 (5 day TAT)		
Received By:	Paul Berner	Date Received:	04/09/25 11:34
Logged In By:	Karina Ortiz	Date Logged In:	04/09/25 09:12

Samples Received at:	**3.4°C**		
Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirme	No		

Analysis	Due	TAT	Expires	Comments
T251615-01 S01-1.0 [Soil] Sampled 04/07/25 13:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-02 S01-2.5 [Soil] Sampled 04/07/25 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-03 S02-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:45	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:45	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:45	
8082 PCB	04/16/25 15:00	5	04/21/25 14:45	
8260	04/16/25 15:00	5	04/21/25 14:45	
8270C	04/16/25 15:00	5	04/21/25 14:45	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:45	
Dry Weight	04/16/25 15:00	5	04/14/25 14:45	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-04 S02-2.5 [Soil] Sampled 04/07/25 14:50 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:50	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:50	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:50	
8082 PCB	04/16/25 15:00	5	04/21/25 14:50	
8260	04/16/25 15:00	5	04/21/25 14:50	
8270C	04/16/25 15:00	5	04/21/25 14:50	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:50	
Dry Weight	04/16/25 15:00	5	04/14/25 14:50	
T251615-05 S03-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-06 S03-2.5 [Soil] Sampled 04/07/25 14:47 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-07 S04-1.0 [Soil] Sampled 04/07/25 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-08 S04-2.5 [Soil] Sampled 04/07/25 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-09 S05-1.0 [Soil] Sampled 04/07/25 13:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-10 S05-2.5 [Soil] Sampled 04/07/25 14:38 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-11 S06-1.0 [Soil] Sampled 04/07/25 10:22 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-12 S06-2.5 [Soil] Sampled 04/07/25 10:19 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-13 S07-1.0 [Soil] Sampled 04/07/25 10:16 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-14 S07-2.5 [Soil] Sampled 04/07/25 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-15 S08-1.0 [Soil] Sampled 04/07/25 09:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:38	
8082 PCB	04/16/25 15:00	5	04/21/25 09:38	
8260	04/16/25 15:00	5	04/21/25 09:38	
8270C	04/16/25 15:00	5	04/21/25 09:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:38	
Dry Weight	04/16/25 15:00	5	04/14/25 09:38	
T251615-16 S08-2.5 [Soil] Sampled 04/07/25 09:37 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:37	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:37	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:37	
8082 PCB	04/16/25 15:00	5	04/21/25 09:37	
8260	04/16/25 15:00	5	04/21/25 09:37	
8270C	04/16/25 15:00	5	04/21/25 09:37	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:37	
Dry Weight	04/16/25 15:00	5	04/14/25 09:37	
T251615-17 S09-1.0 [Soil] Sampled 04/07/25 09:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-18 S09-2.5 [Soil] Sampled 04/07/25 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-19 S10-1.0 [Soil] Sampled 04/07/25 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-20 S10-2.5 [Soil] Sampled 04/07/25 10:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-21 S11-1.0 [Soil] Sampled 04/07/25 10:36 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-22 S11-2.5 [Soil] Sampled 04/07/25 10:32 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-23 S12-1.0 [Soil] Sampled 04/07/25 10:40 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-24 S12-2.5 [Soil] Sampled 04/07/25 10:38 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-25 S13-1.0 [Soil] Sampled 04/07/25 11:12 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-26 S13-2.5 [Soil] Sampled 04/07/25 11:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-27 S14-1.0 [Soil] Sampled 04/07/25 11:23 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-28 S14-2.5 [Soil] Sampled 04/07/25 11:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-29 S15-1.0 [Soil] Sampled 04/07/25 12:06 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:06	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:06	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:06	
8082 PCB	04/16/25 15:00	5	04/21/25 12:06	
8260	04/16/25 15:00	5	04/21/25 12:06	
8270C	04/16/25 15:00	5	04/21/25 12:06	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:06	
Dry Weight	04/16/25 15:00	5	04/14/25 12:06	
T251615-30 S15-2.5 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:05	
8082 PCB	04/16/25 15:00	5	04/21/25 12:05	
8260	04/16/25 15:00	5	04/21/25 12:05	
8270C	04/16/25 15:00	5	04/21/25 12:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:05	
Dry Weight	04/16/25 15:00	5	04/14/25 12:05	
T251615-31 S16-1.0 [Soil] Sampled 04/07/25 11:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-32 S16-2.5 [Soil] Sampled 04/07/25 11:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-33 S17-1.0 [Soil] Sampled 04/07/25 12:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-34 S17-2.5 [Soil] Sampled 04/07/25 11:58 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-35 S18-1.0 [Soil] Sampled 04/07/25 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-36 S18-2.5 [Soil] Sampled 04/07/25 14:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-37 S19-1.0 [Soil] Sampled 04/07/25 09:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-38 S19-2.5 [Soil] Sampled 04/07/25 09:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-39 S20-1.0 [Soil] Sampled 04/07/25 09:47 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-40 S20-2.5 [Soil] Sampled 04/07/25 09:59 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-41 S21-1.0 [Soil] Sampled 04/07/25 10:21 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-42 S21-2.5 [Soil] Sampled 04/07/25 10:29 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-43 S22-1.0 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-44 S22-2.5 [Soil] Sampled 04/07/25 08:48 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-45 S23-1.0 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-46 S23-2.5 [Soil] Sampled 04/07/25 09:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-47 S24-1.0 [Soil] Sampled 04/07/25 13:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-48 S24-2.5 [Soil] Sampled 04/07/25 13:30 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-49 S25-1.0 [Soil] Sampled 04/07/25 11:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-50 S25-2.5 [Soil] Sampled 04/07/25 11:42 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-51 S26-1.0 [Soil] Sampled 04/07/25 10:50 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-52 S26-2.5 [Soil] Sampled 04/07/25 11:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-53 S27-1.0 [Soil] Sampled 04/07/25 11:08 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-54 S27-2.5 [Soil] Sampled 04/07/25 11:15 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-55 S28-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-56 S28-2.5 [Soil] Sampled 04/07/25 12:45 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-57 S29-1.0 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-58 S29-2.5 [Soil] Sampled 04/07/25 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-59 S30-1.0 [Soil] Sampled 04/07/25 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-60 S30-2.5 [Soil] Sampled 04/07/25 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-61 S31-1.0 [Soil] Sampled 04/07/25 09:02 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-62 S31-2.5 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-63 S32-1.0 [Soil] Sampled 04/07/25 09:08 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:08	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:08	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:08	
8082 PCB	04/16/25 15:00	5	04/21/25 09:08	
8260	04/16/25 15:00	5	04/21/25 09:08	
8270C	04/16/25 15:00	5	04/21/25 09:08	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:08	
Dry Weight	04/16/25 15:00	5	04/14/25 09:08	
T251615-64 S32-2.5 [Soil] Sampled 04/07/25 09:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:05	
8082 PCB	04/16/25 15:00	5	04/21/25 09:05	
8260	04/16/25 15:00	5	04/21/25 09:05	
8270C	04/16/25 15:00	5	04/21/25 09:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:05	
Dry Weight	04/16/25 15:00	5	04/14/25 09:05	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-65 S33-1.0 [Soil] Sampled 04/07/25 09:18 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-66 S33-2.5 [Soil] Sampled 04/07/25 09:15 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-67 S34-1.0 [Soil] Sampled 04/07/25 08:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-68 S34-2.5 [Soil] Sampled 04/07/25 08:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-69 S35-1.0 [Soil] Sampled 04/07/25 08:30 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-70 S35-2.5 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-71 S36-1.0 [Soil] Sampled 04/07/25 10:28 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-72 S36-2.5 [Soil] Sampled 04/07/25 10:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-73 S37-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-74 S37-2.5 [Soil] Sampled 04/07/25 12:34 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-75 S38-1.0 [Soil] Sampled 04/07/25 12:22 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-76 S38-2.5 [Soil] Sampled 04/07/25 12:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-77 S39-1.0 [Soil] Sampled 04/07/25 12:30 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:30	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:30	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:30	
8082 PCB	04/16/25 15:00	5	04/21/25 12:30	
8260	04/16/25 15:00	5	04/21/25 12:30	
8270C	04/16/25 15:00	5	04/21/25 12:30	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:30	
Dry Weight	04/16/25 15:00	5	04/14/25 12:30	
T251615-78 S39-2.5 [Soil] Sampled 04/07/25 12:29 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:29	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:29	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:29	
8082 PCB	04/16/25 15:00	5	04/21/25 12:29	
8260	04/16/25 15:00	5	04/21/25 12:29	
8270C	04/16/25 15:00	5	04/21/25 12:29	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:29	
Dry Weight	04/16/25 15:00	5	04/14/25 12:29	
T251615-79 S40-1.0 [Soil] Sampled 04/07/25 11:40 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:40	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:40	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:40	
8082 PCB	04/16/25 15:00	5	04/21/25 11:40	
8260	04/16/25 15:00	5	04/21/25 11:40	
8270C	04/16/25 15:00	5	04/21/25 11:40	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:40	
Dry Weight	04/16/25 15:00	5	04/14/25 11:40	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-80 S40-2.5 [Soil] Sampled 04/07/25 11:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:38	
8082 PCB	04/16/25 15:00	5	04/21/25 11:38	
8260	04/16/25 15:00	5	04/21/25 11:38	
8270C	04/16/25 15:00	5	04/21/25 11:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:38	
Dry Weight	04/16/25 15:00	5	04/14/25 11:38	
T251615-81 S42-1.0 [Soil] Sampled 04/07/25 12:41 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:41	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:41	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:41	
8082 PCB	04/16/25 15:00	5	04/21/25 12:41	
8260	04/16/25 15:00	5	04/21/25 12:41	
8270C	04/16/25 15:00	5	04/21/25 12:41	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:41	
Dry Weight	04/16/25 15:00	5	04/14/25 12:41	
T251615-82 S42-2.5 [Soil] Sampled 04/07/25 12:44 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:44	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:44	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:44	
8082 PCB	04/16/25 15:00	5	04/21/25 12:44	
8260	04/16/25 15:00	5	04/21/25 12:44	
8270C	04/16/25 15:00	5	04/21/25 12:44	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:44	
Dry Weight	04/16/25 15:00	5	04/14/25 12:44	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251615-83 S43-1.0 [Soil] Sampled 04/07/25 13:00 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:00	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:00	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:00	
8082 PCB	04/16/25 15:00	5	04/21/25 13:00	
8260	04/16/25 15:00	5	04/21/25 13:00	
8270C	04/16/25 15:00	5	04/21/25 13:00	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:00	
Dry Weight	04/16/25 15:00	5	04/14/25 13:00	
T251615-84 S43-2.5 [Soil] Sampled 04/07/25 13:12 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:12	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:12	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:12	
8082 PCB	04/16/25 15:00	5	04/21/25 13:12	
8260	04/16/25 15:00	5	04/21/25 13:12	
8270C	04/16/25 15:00	5	04/21/25 13:12	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:12	
Dry Weight	04/16/25 15:00	5	04/14/25 13:12	
T251615-85 S44-0.5 [Soil] Sampled 04/07/25 14:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	04/16/25 15:00	5	04/21/25 14:05	
Dry Weight	04/16/25 15:00	5	04/14/25 14:05	

Analysis groups included in this work order

6020 Title 22 + Hg 7471

7470/71 Hg	6020 Metals by ICP-MS

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251616

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Report To:

Terracon -- Sacramento
Sadie Bodiford
50 Goldenland Court, Suite 100
Sacramento, CA 95834

Date Due:	04/16/25 17:00 (5 day TAT)		
Received By:	Paul Berner	Date Received:	04/09/25 11:34
Logged In By:	Karina Ortiz	Date Logged In:	04/09/25 10:25

Samples Received at:	**3.4°C**		
Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirme	No		

Analysis	Due	TAT	Expires	Comments
T251616-01 3:1 Composite(S01-1.0 - S03-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -01,-03,-05**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-02 3:1 Composite(S01-2.5 - S03-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -02,-04,-06**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-03 3:1 Composite(S04-1.0 - S06-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -07,-09,-11**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-04 3:1 Composite(S04-2.5 - S06-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -08,-10,-12**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251616

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251616-05 3:1 Composite(S07-1.0 - S09-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -13,-15,-17**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-06 3:1 Composite(S07-2.5 - S09-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -14,-16,-18**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-07 3:1 Composite(S10-1.0 - S12-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -19,-21,23**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-08 3:1 Composite(S10-2.5 - S12-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -20,-22,-24**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-09 3:1 Composite(S13-1.0 - S15-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -25,-27,-29**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-10 3:1 Composite(S13-2.5 - S15-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -26,-28,-30**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-11 3:1 Composite(S16-1.0 - S18-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -31,-33,-35**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251616

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251616-12 3:1 Composite(S16-2.5 - S18-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -32,-34,-26**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-13 3:1 Composite(S19-1.0 - S21-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -37,-39,-41**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-14 3:1 Composite(S19-2.5 - S21-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -38,-40,-42**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-15 3:1 Composite(S22-1.0 - S24-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -43,-45,-47**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-16 3:1 Composite(S22-2.5 - S24-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -44,-46,-48**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-17 3:1 Composite(S25-1.0 - S27-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -49,-51,-53**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-18 3:1 Composite(S25-2.5 - S27-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -50,-52,-54**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T251616

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T251616-19 3:1 Composite(S28-1.0 - S30-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -55,-57,-59**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-20 3:1 Composite(S28-2.5 - S30-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -56,-58,-60**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-21 3:1 Composite(S31-1.0 - S33-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -61,-63,-65**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-22 3:1 Composite(S31-2.5 - S33-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -62,-64,-66**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-23 2:1 Composite(S34-1.0 - S35-1.0) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -67,-69**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	
T251616-24 2:1 Composite(S34-2.5 - S35-2.5) [Soil] Sampled 04/07/25 00:00 (GMT-08:00) Pacific Time (US &				**composite samples -68,-70**
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 00:00	Lead only
8081 Pesticides	04/16/25 15:00	5	04/21/25 00:00	
Dry Weight	04/16/25 15:00	5	04/14/25 00:00	

Reviewed By

Date

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: **Terracon -- Sacramento** **Project Manager:** **Jeff Lee**
Project: **Frank Otis Elementary School** **Project Number:** **NA247141**

Report To:
Terracon -- Sacramento
Sadie Bodiford
50 Goldenland Court, Suite 100
Sacramento, CA 95834

Date Due:	04/16/25 17:00 (5 day TAT)		
Received By:	Paul Berner	Date Received:	04/09/25 11:34
Logged In By:	Karina Ortiz	Date Logged In:	04/09/25 09:12

Samples Received at: **3.4°C**

Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirı	No		

Analysis	Due	TAT	Expires	Comments
T251615-01 S01-1.0 [Soil] Sampled 04/07/25 13:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-02 S01-2.5 [Soil] Sampled 04/07/25 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-03 S02-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:45	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:45	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:45	
8082 PCB	04/16/25 15:00	5	04/21/25 14:45	
8260	04/16/25 15:00	5	04/21/25 14:45	
8270C	04/16/25 15:00	5	04/21/25 14:45	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:45	
Dry Weight	04/16/25 15:00	5	04/14/25 14:45	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-04 S02-2.5 [Soil] Sampled 04/07/25 14:50 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 14:50	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 14:50	
8081 Pesticides	04/16/25 15:00	5	04/21/25 14:50	
8082 PCB	04/16/25 15:00	5	04/21/25 14:50	
8260	04/16/25 15:00	5	04/21/25 14:50	
8270C	04/16/25 15:00	5	04/21/25 14:50	
Cr6-7199	04/16/25 15:00	5	05/07/25 14:50	
Dry Weight	04/16/25 15:00	5	04/14/25 14:50	
T251615-05 S03-1.0 [Soil] Sampled 04/07/25 14:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-06 S03-2.5 [Soil] Sampled 04/07/25 14:47 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-07 S04-1.0 [Soil] Sampled 04/07/25 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-08 S04-2.5 [Soil] Sampled 04/07/25 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-09 S05-1.0 [Soil] Sampled 04/07/25 13:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-10 S05-2.5 [Soil] Sampled 04/07/25 14:38 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-11 S06-1.0 [Soil] Sampled 04/07/25 10:22 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-12 S06-2.5 [Soil] Sampled 04/07/25 10:19 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-13 S07-1.0 [Soil] Sampled 04/07/25 10:16 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-14 S07-2.5 [Soil] Sampled 04/07/25 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-15 S08-1.0 [Soil] Sampled 04/07/25 09:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:38	
8082 PCB	04/16/25 15:00	5	04/21/25 09:38	
8260	04/16/25 15:00	5	04/21/25 09:38	
8270C	04/16/25 15:00	5	04/21/25 09:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:38	
Dry Weight	04/16/25 15:00	5	04/14/25 09:38	
T251615-16 S08-2.5 [Soil] Sampled 04/07/25 09:37 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:37	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:37	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:37	
8082 PCB	04/16/25 15:00	5	04/21/25 09:37	
8260	04/16/25 15:00	5	04/21/25 09:37	
8270C	04/16/25 15:00	5	04/21/25 09:37	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:37	
Dry Weight	04/16/25 15:00	5	04/14/25 09:37	
T251615-17 S09-1.0 [Soil] Sampled 04/07/25 09:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-18 S09-2.5 [Soil] Sampled 04/07/25 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-19 S10-1.0 [Soil] Sampled 04/07/25 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

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WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-20 S10-2.5 [Soil] Sampled 04/07/25 10:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-21 S11-1.0 [Soil] Sampled 04/07/25 10:36 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-22 S11-2.5 [Soil] Sampled 04/07/25 10:32 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-23 S12-1.0 [Soil] Sampled 04/07/25 10:40 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-24 S12-2.5 [Soil] Sampled 04/07/25 10:38 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-25 S13-1.0 [Soil] Sampled 04/07/25 11:12 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-26 S13-2.5 [Soil] Sampled 04/07/25 11:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-27 S14-1.0 [Soil] Sampled 04/07/25 11:23 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-28 S14-2.5 [Soil] Sampled 04/07/25 11:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

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WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-29 S15-1.0 [Soil] Sampled 04/07/25 12:06 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:06	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:06	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:06	
8082 PCB	04/16/25 15:00	5	04/21/25 12:06	
8260	04/16/25 15:00	5	04/21/25 12:06	
8270C	04/16/25 15:00	5	04/21/25 12:06	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:06	
Dry Weight	04/16/25 15:00	5	04/14/25 12:06	
T251615-30 S15-2.5 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:05	
8082 PCB	04/16/25 15:00	5	04/21/25 12:05	
8260	04/16/25 15:00	5	04/21/25 12:05	
8270C	04/16/25 15:00	5	04/21/25 12:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:05	
Dry Weight	04/16/25 15:00	5	04/14/25 12:05	
T251615-31 S16-1.0 [Soil] Sampled 04/07/25 11:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-32 S16-2.5 [Soil] Sampled 04/07/25 11:53 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-33 S17-1.0 [Soil] Sampled 04/07/25 12:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-34 S17-2.5 [Soil] Sampled 04/07/25 11:58 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-35 S18-1.0 [Soil] Sampled 04/07/25 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
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WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-36 S18-2.5 [Soil] Sampled 04/07/25 14:20 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-37 S19-1.0 [Soil] Sampled 04/07/25 09:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-38 S19-2.5 [Soil] Sampled 04/07/25 09:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-39 S20-1.0 [Soil] Sampled 04/07/25 09:47 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-40 S20-2.5 [Soil] Sampled 04/07/25 09:59 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-41 S21-1.0 [Soil] Sampled 04/07/25 10:21 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-42 S21-2.5 [Soil] Sampled 04/07/25 10:29 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-43 S22-1.0 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-44 S22-2.5 [Soil] Sampled 04/07/25 08:48 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-45 S23-1.0 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-46 S23-2.5 [Soil] Sampled 04/07/25 09:10 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

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WORK ORDER

T251615

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments

T251615-47 S24-1.0 [Soil] Sampled 04/07/25 13:25 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-48 S24-2.5 [Soil] Sampled 04/07/25 13:30 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-49 S25-1.0 [Soil] Sampled 04/07/25 11:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-50 S25-2.5 [Soil] Sampled 04/07/25 11:42 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-51 S26-1.0 [Soil] Sampled 04/07/25 10:50 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-52 S26-2.5 [Soil] Sampled 04/07/25 11:00 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-53 S27-1.0 [Soil] Sampled 04/07/25 11:08 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-54 S27-2.5 [Soil] Sampled 04/07/25 11:15 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-55 S28-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-56 S28-2.5 [Soil] Sampled 04/07/25 12:45 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

T251615-57 S29-1.0 [Soil] Sampled 04/07/25 12:05 (GMT-08:00) Pacific Time (US &

[NO ANALYSES]

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-58 S29-2.5 [Soil] Sampled 04/07/25 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-59 S30-1.0 [Soil] Sampled 04/07/25 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-60 S30-2.5 [Soil] Sampled 04/07/25 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-61 S31-1.0 [Soil] Sampled 04/07/25 09:02 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-62 S31-2.5 [Soil] Sampled 04/07/25 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-63 S32-1.0 [Soil] Sampled 04/07/25 09:08 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:08	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:08	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:08	
8082 PCB	04/16/25 15:00	5	04/21/25 09:08	
8260	04/16/25 15:00	5	04/21/25 09:08	
8270C	04/16/25 15:00	5	04/21/25 09:08	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:08	
Dry Weight	04/16/25 15:00	5	04/14/25 09:08	
T251615-64 S32-2.5 [Soil] Sampled 04/07/25 09:05 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 09:05	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 09:05	
8081 Pesticides	04/16/25 15:00	5	04/21/25 09:05	
8082 PCB	04/16/25 15:00	5	04/21/25 09:05	
8260	04/16/25 15:00	5	04/21/25 09:05	
8270C	04/16/25 15:00	5	04/21/25 09:05	
Cr6-7199	04/16/25 15:00	5	05/07/25 09:05	
Dry Weight	04/16/25 15:00	5	04/14/25 09:05	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-65 S33-1.0 [Soil] Sampled 04/07/25 09:18 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-66 S33-2.5 [Soil] Sampled 04/07/25 09:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-67 S34-1.0 [Soil] Sampled 04/07/25 08:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-68 S34-2.5 [Soil] Sampled 04/07/25 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-69 S35-1.0 [Soil] Sampled 04/07/25 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-70 S35-2.5 [Soil] Sampled 04/07/25 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T251615-71 S36-1.0 [Soil] Sampled 04/07/25 10:28 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 10:28	Lead Only
T251615-72 S36-2.5 [Soil] Sampled 04/07/25 10:25 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 10:25	Lead Only
T251615-73 S37-1.0 [Soil] Sampled 04/07/25 12:35 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:35	Lead Only
T251615-74 S37-2.5 [Soil] Sampled 04/07/25 12:34 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:34	Lead Only
T251615-75 S38-1.0 [Soil] Sampled 04/07/25 12:22 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:22	Lead Only

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WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-76 S38-2.5 [Soil] Sampled 04/07/25 12:20 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	04/16/25 15:00	5	08/05/25 12:20	Lead Only
T251615-77 S39-1.0 [Soil] Sampled 04/07/25 12:30 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:30	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:30	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:30	
8082 PCB	04/16/25 15:00	5	04/21/25 12:30	
8260	04/16/25 15:00	5	04/21/25 12:30	
8270C	04/16/25 15:00	5	04/21/25 12:30	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:30	
Dry Weight	04/16/25 15:00	5	04/14/25 12:30	
T251615-78 S39-2.5 [Soil] Sampled 04/07/25 12:29 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:29	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:29	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:29	
8082 PCB	04/16/25 15:00	5	04/21/25 12:29	
8260	04/16/25 15:00	5	04/21/25 12:29	
8270C	04/16/25 15:00	5	04/21/25 12:29	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:29	
Dry Weight	04/16/25 15:00	5	04/14/25 12:29	
T251615-79 S40-1.0 [Soil] Sampled 04/07/25 11:40 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:40	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:40	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:40	
8082 PCB	04/16/25 15:00	5	04/21/25 11:40	
8260	04/16/25 15:00	5	04/21/25 11:40	
8270C	04/16/25 15:00	5	04/21/25 11:40	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:40	
Dry Weight	04/16/25 15:00	5	04/14/25 11:40	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-80 S40-2.5 [Soil] Sampled 04/07/25 11:38 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 11:38	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 11:38	
8081 Pesticides	04/16/25 15:00	5	04/21/25 11:38	
8082 PCB	04/16/25 15:00	5	04/21/25 11:38	
8260	04/16/25 15:00	5	04/21/25 11:38	
8270C	04/16/25 15:00	5	04/21/25 11:38	
Cr6-7199	04/16/25 15:00	5	05/07/25 11:38	
Dry Weight	04/16/25 15:00	5	04/14/25 11:38	
T251615-81 S42-1.0 [Soil] Sampled 04/07/25 12:41 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:41	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:41	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:41	
8082 PCB	04/16/25 15:00	5	04/21/25 12:41	
8260	04/16/25 15:00	5	04/21/25 12:41	
8270C	04/16/25 15:00	5	04/21/25 12:41	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:41	
Dry Weight	04/16/25 15:00	5	04/14/25 12:41	
T251615-82 S42-2.5 [Soil] Sampled 04/07/25 12:44 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 12:44	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 12:44	
8081 Pesticides	04/16/25 15:00	5	04/21/25 12:44	
8082 PCB	04/16/25 15:00	5	04/21/25 12:44	
8260	04/16/25 15:00	5	04/21/25 12:44	
8270C	04/16/25 15:00	5	04/21/25 12:44	
Cr6-7199	04/16/25 15:00	5	05/07/25 12:44	
Dry Weight	04/16/25 15:00	5	04/14/25 12:44	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T251615

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T251615-83 S43-1.0 [Soil] Sampled 04/07/25 13:00 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:00	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:00	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:00	
8082 PCB	04/16/25 15:00	5	04/21/25 13:00	
8260	04/16/25 15:00	5	04/21/25 13:00	
8270C	04/16/25 15:00	5	04/21/25 13:00	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:00	
Dry Weight	04/16/25 15:00	5	04/14/25 13:00	
T251615-84 S43-2.5 [Soil] Sampled 04/07/25 13:12 (GMT-08:00) Pacific Time (US &				
6020 Title 22 + Hg 7471	04/16/25 15:00	5	08/05/25 13:12	
8015 Carbon Chain	04/16/25 15:00	5	04/21/25 13:12	
8081 Pesticides	04/16/25 15:00	5	04/21/25 13:12	
8082 PCB	04/16/25 15:00	5	04/21/25 13:12	
8260	04/16/25 15:00	5	04/21/25 13:12	
8270C	04/16/25 15:00	5	04/21/25 13:12	
Cr6-7199	04/16/25 15:00	5	05/07/25 13:12	
Dry Weight	04/16/25 15:00	5	04/14/25 13:12	
T251615-85 S44-0.5 [Soil] Sampled 04/07/25 14:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	04/16/25 15:00	5	04/21/25 14:05	
Dry Weight	04/16/25 15:00	5	04/14/25 14:05	

Analysis groups included in this work order

6020 Title 22 + Hg 7471

7470/71 Hg	6020 Metals by ICP-MS

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

07 August 2025

Sadie Bodiford
Terracon -- Sacramento
50 Goldenland Court, Suite 100
Sacramento, CA 95834

RE: Frank Otis Elementary School

Enclosed are the results of analyses for samples received by the laboratory on 07/25/25 11:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jeff Lee
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S02-5N-1.0	T253130-01	Soil	07/23/25 13:27	07/25/25 11:45
S02-5E-1.0	T253130-03	Soil	07/23/25 13:20	07/25/25 11:45
S02-5W-1.0	T253130-05	Soil	07/23/25 11:33	07/25/25 11:45
S08-5N-1.0	T253130-07	Soil	07/23/25 11:48	07/25/25 11:45
S08-5N-2.5	T253130-08	Soil	07/23/25 11:46	07/25/25 11:45
S08-5E-1.0	T253130-10	Soil	07/23/25 11:58	07/25/25 11:45
S08-5E-2.5	T253130-11	Soil	07/23/25 11:56	07/25/25 11:45
S10-5N-1.0	T253130-13	Soil	07/23/25 10:14	07/25/25 11:45
S10-5E-1.0	T253130-15	Soil	07/23/25 11:16	07/25/25 11:45
S10-5W-1.0	T253130-17	Soil	07/23/25 10:20	07/25/25 11:45
S15-5N-1.0	T253130-19	Soil	07/23/25 10:38	07/25/25 11:45
S15-5N-2.5	T253130-20	Soil	07/23/25 10:36	07/25/25 11:45
S15-5S-1.0	T253130-22	Soil	07/23/25 10:28	07/25/25 11:45
S15-5S-2.5	T253130-23	Soil	07/23/25 10:26	07/25/25 11:45
S15-5W-1.0	T253130-25	Soil	07/23/25 10:48	07/25/25 11:45
S15-5W-2.5	T253130-26	Soil	07/23/25 10:46	07/25/25 11:45
S27-5N-1.0	T253130-28	Soil	07/23/25 13:00	07/25/25 11:45
S27-5S-1.0	T253130-30	Soil	07/23/25 13:10	07/25/25 11:45
S27-5S-2.5	T253130-31	Soil	07/23/25 13:15	07/25/25 11:45
S27-5W-1.0	T253130-32	Soil	07/23/25 12:50	07/25/25 11:45
S31-5N-1.0	T253130-34	Soil	07/23/25 08:46	07/25/25 11:45
S31-5E-1.0	T253130-36	Soil	07/23/25 08:48	07/25/25 11:45
S31-5W-1.0	T253130-38	Soil	07/23/25 08:40	07/25/25 11:45
S32-5NE-1.0	T253130-40	Soil	07/23/25 08:59	07/25/25 11:45
S32-5NE-2.5	T253130-41	Soil	07/23/25 08:57	07/25/25 11:45
S32-5SE-1.0	T253130-43	Soil	07/23/25 09:24	07/25/25 11:45

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S32-5SE-2.5	T253130-44	Soil	07/23/25 09:22	07/25/25 11:45
S32-5NW-1.0	T253130-46	Soil	07/23/25 09:10	07/25/25 11:45
S32-5NW-2.5	T253130-47	Soil	07/23/25 09:12	07/25/25 11:45
S33-5NE-1.0	T253130-49	Soil	07/23/25 09:42	07/25/25 11:45
S33-5NE-2.5	T253130-50	Soil	07/23/25 09:40	07/25/25 11:45
S33-5NE-3.0	T253130-51	Soil	07/23/25 09:38	07/25/25 11:45
S33-5SE-1.0	T253130-52	Soil	07/23/25 09:50	07/25/25 11:45
S33-5SE-2.5	T253130-53	Soil	07/23/25 09:48	07/25/25 11:45
S33-5SW-1.0	T253130-55	Soil	07/23/25 09:34	07/25/25 11:45
S33-5SW-2.5	T253130-56	Soil	07/23/25 09:32	07/25/25 11:45
S33-5SW-3.0	T253130-57	Soil	07/23/25 09:30	07/25/25 11:45
S37-5N-1.0	T253130-58	Soil	07/23/25 12:04	07/25/25 11:45
S37-5E-1.0	T253130-60	Soil	07/23/25 12:10	07/25/25 11:45
S37-5S-1.0	T253130-62	Soil	07/23/25 12:18	07/25/25 11:45
S37-5W-1.0	T253130-64	Soil	07/23/25 12:24	07/25/25 11:45
S40-5N-1.0	T253130-66	Soil	07/23/25 11:08	07/25/25 11:45
S40-5E-1.0	T253130-68	Soil	07/23/25 11:22	07/25/25 11:45
S40-5S-1.0	T253130-70	Soil	07/23/25 11:28	07/25/25 11:45
S40-5W-1.0	T253130-72	Soil	07/23/25 11:36	07/25/25 11:45
S46-1.0	T253130-74	Soil	07/23/25 10:06	07/25/25 11:45
S46-2.5	T253130-75	Soil	07/23/25 10:04	07/25/25 11:45
S47-1.0	T253130-76	Soil	07/23/25 12:40	07/25/25 11:45
S47-2.5	T253130-77	Soil	07/23/25 12:45	07/25/25 11:45
S48-1.0	T253130-78	Soil	07/23/25 09:58	07/25/25 11:45
S48-2.5	T253130-79	Soil	07/23/25 09:56	07/25/25 11:45
S49-1.0	T253130-80	Soil	07/23/25 10:56	07/25/25 11:45

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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S49-2.5	T253130-81	Soil	07/23/25 10:54	07/25/25 11:45

Per client's request, Lead by 6010 analysis is added to samples T253130-31, -51, and -57. Also, Arsenic by 6020 analysis is added to samples T253130-66, -68, -70, and -72. JL 8/7/25

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DETECTIONS SUMMARY

Sample ID: S02-5N-1.0 **Laboratory ID:** T253130-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**6.3**	0.060	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**83.8**		%	% calculation	

Sample ID: S02-5E-1.0 **Laboratory ID:** T253130-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**6.3**	0.061	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**82.2**		%	% calculation	

Sample ID: S02-5W-1.0 **Laboratory ID:** T253130-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.2**	0.063	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**79.8**		%	% calculation	

Sample ID: S08-5N-1.0 **Laboratory ID:** T253130-07

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**77.7**		%	% calculation	

Sample ID: S08-5N-2.5 **Laboratory ID:** T253130-08

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**82.1**		%	% calculation	

Sample ID: S08-5E-1.0 **Laboratory ID:** T253130-10

Analyte	Result	Reporting Limit	Units	Method	Notes

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Sample ID: S08-5E-1.0 **Laboratory ID:** T253130-10

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**79.4**		%	% calculation	

Sample ID: S08-5E-2.5 **Laboratory ID:** T253130-11

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**84.8**		%	% calculation	

Sample ID: S10-5N-1.0 **Laboratory ID:** T253130-13

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**17.4**	3.71	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**80.8**		%	% calculation	

Sample ID: S10-5E-1.0 **Laboratory ID:** T253130-15

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**9.22**	4.00	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**75.1**		%	% calculation	

Sample ID: S10-5W-1.0 **Laboratory ID:** T253130-17

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**30.2**	6.86	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**87.5**		%	% calculation	

Sample ID: S15-5N-1.0 **Laboratory ID:** T253130-19

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**16**	0.054	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**92.7**		%	% calculation	

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Sample ID: S15-5N-2.5 **Laboratory ID:** T253130-20

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**19**	0.059	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**85.0**		%	% calculation	

Sample ID: S15-5S-1.0 **Laboratory ID:** T253130-22

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**8.7**	0.056	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**88.8**		%	% calculation	

Sample ID: S15-5S-2.5 **Laboratory ID:** T253130-23

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**8.9**	0.063	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**79.5**		%	% calculation	

Sample ID: S15-5W-1.0 **Laboratory ID:** T253130-25

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**6.0**	0.060	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**84.0**		%	% calculation	

Sample ID: S15-5W-2.5 **Laboratory ID:** T253130-26

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.0**	0.062	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**81.3**		%	% calculation	

Sample ID: S27-5N-1.0 **Laboratory ID:** T253130-28

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**9.59**	3.65	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**82.1**		%	% calculation	

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Sample ID: S27-5S-1.0 **Laboratory ID:** T253130-30

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**156**	3.64	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**82.5**		%	% calculation	

Sample ID: S27-5S-2.5 **Laboratory ID:** T253130-31

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**12**	3.7	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**82.0**		%	% calculation	

Sample ID: S27-5W-1.0 **Laboratory ID:** T253130-32

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**18.4**	3.80	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**79.0**		%	% calculation	

Sample ID: S31-5N-1.0 **Laboratory ID:** T253130-34

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**3.49**	3.49	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**86.0**		%	% calculation	

Sample ID: S31-5E-1.0 **Laboratory ID:** T253130-36

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**6.54**	3.50	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**85.8**		%	% calculation	

Sample ID: S31-5W-1.0 **Laboratory ID:** T253130-38

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**28.3**	3.52	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**85.2**		%	% calculation	

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Sample ID: S32-5NE-1.0 **Laboratory ID:** T253130-40

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**8.4**	0.059	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**84.8**		%	% calculation	

Sample ID: S32-5NE-2.5 **Laboratory ID:** T253130-41

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**11**	0.058	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**86.8**		%	% calculation	

Sample ID: S32-5SE-1.0 **Laboratory ID:** T253130-43

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.1**	0.053	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**95.0**		%	% calculation	

Sample ID: S32-5SE-2.5 **Laboratory ID:** T253130-44

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**13**	0.053	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**93.8**		%	% calculation	

Sample ID: S32-5NW-1.0 **Laboratory ID:** T253130-46

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**4.7**	0.055	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**90.5**		%	% calculation	

Sample ID: S32-5NW-2.5 **Laboratory ID:** T253130-47

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**6.2**	0.060	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**83.2**		%	% calculation	

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Sample ID: S33-5NE-1.0 **Laboratory ID:** T253130-49

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**38.7**	3.43	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**87.6**		%	% calculation	

Sample ID: S33-5NE-2.5 **Laboratory ID:** T253130-50

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**302**	3.57	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**84.1**		%	% calculation	

Sample ID: S33-5NE-3.0 **Laboratory ID:** T253130-51

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**18**	3.6	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**83.4**		%	% calculation	

Sample ID: S33-5SE-1.0 **Laboratory ID:** T253130-52

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**42.8**	3.59	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**83.6**		%	% calculation	

Sample ID: S33-5SE-2.5 **Laboratory ID:** T253130-53

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**23.2**	3.26	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**91.9**		%	% calculation	

Sample ID: S33-5SW-1.0 **Laboratory ID:** T253130-55

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**57.4**	3.51	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**85.4**		%	% calculation	

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Sample ID: S33-5SW-2.5 **Laboratory ID:** T253130-56

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**94.8**	3.41	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**88.0**		%	% calculation	

Sample ID: S33-5SW-3.0 **Laboratory ID:** T253130-57

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**21**	3.4	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**87.3**		%	% calculation	

Sample ID: S37-5N-1.0 **Laboratory ID:** T253130-58

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**42.7**	3.59	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**83.6**		%	% calculation	

Sample ID: S37-5E-1.0 **Laboratory ID:** T253130-60

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**16.1**	3.52	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**85.3**		%	% calculation	

Sample ID: S37-5S-1.0 **Laboratory ID:** T253130-62

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**15.6**	6.35	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**94.5**		%	% calculation	

Sample ID: S37-5W-1.0 **Laboratory ID:** T253130-64

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**23.0**	3.66	ıg/kg dry wt. dı	EPA 6010b	
% Solids	**82.1**		%	% calculation	

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Sample ID: S40-5N-1.0 **Laboratory ID:** T253130-66

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**6.2**	0.060	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**82.8**		%	% calculation	

Sample ID: S40-5E-1.0 **Laboratory ID:** T253130-68

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**4.0**	0.061	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**81.6**		%	% calculation	

Sample ID: S40-5S-1.0 **Laboratory ID:** T253130-70

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**4.9**	0.062	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**80.4**		%	% calculation	

Sample ID: S40-5W-1.0 **Laboratory ID:** T253130-72

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**6.6**	0.064	ıg/kg dry wt. dı	6020 ICP-MS	
% Solids	**78.7**		%	% calculation	

Sample ID: S46-1.0 **Laboratory ID:** T253130-74

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**82.0**		%	% calculation	

Sample ID: S46-2.5 **Laboratory ID:** T253130-75

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**86.3**		%	% calculation	

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Sample ID: S47-1.0 **Laboratory ID:** T253130-76

Analyte	Result	Reporting Limit	Units	Method	Notes
Hexavalent Chromium	**0.35**	0.25	ıg/kg dry wt. dı	EPA 7199	
% Solids	**79.3**		%	% calculation	

Sample ID: S47-2.5 **Laboratory ID:** T253130-77

Analyte	Result	Reporting Limit	Units	Method	Notes
Hexavalent Chromium	**0.45**	0.25	ıg/kg dry wt. dı	EPA 7199	
% Solids	**81.5**		%	% calculation	

Sample ID: S48-1.0 **Laboratory ID:** T253130-78

Analyte	Result	Reporting Limit	Units	Method	Notes
Hexavalent Chromium	**0.33**	0.25	ıg/kg dry wt. dı	EPA 7199	
% Solids	**79.6**		%	% calculation	

Sample ID: S48-2.5 **Laboratory ID:** T253130-79

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**86.3**		%	% calculation	

Sample ID: S49-1.0 **Laboratory ID:** T253130-80

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**84.2**		%	% calculation	

Sample ID: S49-2.5 **Laboratory ID:** T253130-81

Analyte	Result	Reporting Limit	Units	Method	Notes
% Solids	**81.2**		%	% calculation	

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Terracon -- Sacramento	Project:	Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number:	NA247141	**Reported:**
Sacramento CA, 95834	Project Manager:	Sadie Bodiford	08/07/25 16:27

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S02-5N-1.0

T253130-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Cadmium	ND	2.39	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Metals by EPA 6020 Method									
Arsenic	**6.3**	0.060	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**83.8**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S02-5E-1.0

T253130-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Cadmium	ND	2.43	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Metals by EPA 6020 Method									
Arsenic	**6.3**	0.061	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**82.2**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S02-5W-1.0

T253130-05 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Cadmium	ND	2.51	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Metals by EPA 6020 Method									
Arsenic	**5.2**	0.063	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**79.8**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S08-5N-1.0

T253130-07 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.26	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**77.7**		%	"	25G0524	07/28/25	07/29/25	% calculation	

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S08-5N-2.5

T253130-08 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**82.1**		%	"	25G0524	07/28/25	07/29/25	% calculation	

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S08-5E-1.0

T253130-10 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.25	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**79.4**		%	"	25G0524	07/28/25	07/29/25	% calculation	

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S08-5E-2.5

T253130-11 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**84.8**		%	"	25G0524	07/28/25	07/29/25	% calculation	

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S10-5N-1.0

T253130-13 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**17.4**	3.71	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**80.8**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S10-5E-1.0

T253130-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	**9.22**	4.00	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**75.1**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S10-5W-1.0

T253130-17 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**30.2**	6.86	mg/kg dry wt. dry	2	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**87.5**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S15-5N-1.0

T253130-19 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Arsenic	**16**	0.054	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.22	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**92.7**		%	"	25G0524	07/28/25	07/29/25	% calculation	

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S15-5N-2.5

T253130-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Arsenic	**19**	0.059	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**85.0**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S15-5S-1.0

T253130-22 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Arsenic	**8.7**	0.056	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.23	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**88.8**		%	"	25G0524	07/28/25	07/29/25	% calculation	

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S15-5S-2.5

T253130-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Arsenic	**8.9**	0.063	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**79.5**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S15-5W-1.0

T253130-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Arsenic	**6.0**	0.060	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**84.0**		%	"	25G0524	07/28/25	07/29/25	% calculation	

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S15-5W-2.5

T253130-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Arsenic	**5.0**	0.062	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**81.3**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S27-5N-1.0

T253130-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	**9.59**	3.65	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**82.1**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S27-5S-1.0

T253130-30 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**156**	3.64	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**82.5**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S27-5S-2.5

T253130-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	**12**	3.7	mg/kg dry wt. dry	1	25H0059	08/05/25	08/07/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									**O-04**
% Solids	**82.0**		%	1	25H0058	08/05/25	08/06/25	% calculation	

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S27-5W-1.0

T253130-32 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**18.4**	3.80	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**79.0**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S31-5N-1.0

T253130-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	**3.49**	3.49	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**86.0**		%	1	25G0524	07/28/25	07/29/25	% calculation	

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S31-5E-1.0

T253130-36 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	**6.54**	3.50	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**85.8**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
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S31-5W-1.0

T253130-38 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	**28.3**	3.52	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**85.2**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S32-5NE-1.0

T253130-40 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Arsenic	**8.4**	0.059	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**84.8**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S32-5NE-2.5

T253130-41 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Arsenic	**11**	0.058	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**86.8**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S32-5SE-1.0

T253130-43 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Arsenic	**5.1**	0.053	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**95.0**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S32-5SE-2.5

T253130-44 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Arsenic	**13**	0.053	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**93.8**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S32-5NW-1.0

T253130-46 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Arsenic	**4.7**	0.055	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**90.5**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S32-5NW-2.5

T253130-47 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Arsenic	**6.2**	0.060	mg/kg dry wt. dry	1	25G0523	07/28/25	08/05/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**83.2**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S33-5NE-1.0

T253130-49 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	**38.7**	3.43	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**87.6**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S33-5NE-2.5

T253130-50 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**302**	3.57	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**84.1**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S33-5NE-3.0

T253130-51 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**18**	3.6	mg/kg dry wt. dry	1	25H0059	08/05/25	08/07/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									**O-04**
% Solids	**83.4**		%	1	25H0058	08/05/25	08/06/25	% calculation	

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S33-5SE-1.0

T253130-52 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**42.8**	3.59	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**83.6**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S33-5SE-2.5

T253130-53 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**23.2**	3.26	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**91.9**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S33-5SW-1.0

T253130-55 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**57.4**	3.51	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**85.4**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S33-5SW-2.5

T253130-56 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	**94.8**	3.41	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**88.0**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S33-5SW-3.0

T253130-57 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	**21**	3.4	mg/kg dry wt. dry	1	25H0059	08/05/25	08/07/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									**O-04**
% Solids	**87.3**		%	1	25H0058	08/05/25	08/06/25	% calculation	

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S37-5N-1.0

T253130-58 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**42.7**	3.59	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**83.6**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S37-5E-1.0

T253130-60 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**16.1**	3.52	mg/kg dry wt. dry	1	25G0528	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**85.3**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S37-5S-1.0

T253130-62 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	**15.6**	6.35	mg/kg dry wt. dry	2	25G0517	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**94.5**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S37-5W-1.0

T253130-64 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**23.0**	3.66	mg/kg dry wt. dry	1	25G0517	07/28/25	07/28/25	EPA 6010b	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
% Solids	**82.1**		%	1	25G0525	07/28/25	07/30/25	% calculation	

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S40-5N-1.0

T253130-66 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Arsenic	**6.2**	0.060	mg/kg dry wt. dry	1	25H0075	08/05/25	08/06/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**82.8**		%	"	25G0525	07/28/25	07/30/25	% calculation	

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S40-5E-1.0

T253130-68 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Arsenic	**4.0**	0.061	mg/kg dry wt. dry	1	25H0075	08/05/25	08/06/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**81.6**		%	"	25G0525	07/28/25	07/30/25	% calculation	

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S40-5S-1.0

T253130-70 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6020 Method									
Arsenic	**4.9**	0.062	mg/kg dry wt. dry	1	25H0075	08/05/25	08/06/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.25	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**80.4**		%	"	25G0526	07/28/25	08/01/25	% calculation	

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

S40-5W-1.0

T253130-72 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6020 Method									
Arsenic	**6.6**	0.064	mg/kg dry wt. dry	1	25H0075	08/05/25	08/06/25	6020 ICP-MS	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.25	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**78.7**		%	"	25G0526	07/28/25	08/01/25	% calculation	

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

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949.297.5027 Fax

Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

S46-1.0

T253130-74 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**82.0**		%	"	25G0526	07/28/25	08/01/25	% calculation	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

S46-2.5

T253130-75 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.23	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**86.3**		%	"	25G0526	07/28/25	08/01/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

S47-1.0

T253130-76 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	**0.35**	0.25	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**79.3**		%	"	25G0526	07/28/25	08/01/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

S47-2.5

T253130-77 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	**0.45**	0.25	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**81.5**		%	"	25G0526	07/28/25	08/01/25	% calculation	

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S48-1.0

T253130-78 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	**0.33**	0.25	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**79.6**		%	"	25G0526	07/28/25	08/01/25	% calculation	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

S48-2.5

T253130-79 (Soil)

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexavalent Chromium	ND	0.23	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**86.3**		%	"	25G0526	07/28/25	08/01/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

S49-1.0

T253130-80 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.24	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**84.2**		%	"	25G0526	07/28/25	08/01/25	% calculation	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

S49-2.5

T253130-81 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	0.25	mg/kg dry wt. dry	1	25G0531	07/28/25	07/28/25	EPA 7199	
% Solids	**81.2**		%	"	25G0526	07/28/25	08/01/25	% calculation	

SunStar Laboratories, Inc.



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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25G0517 - EPA 3050B										
Blank (25G0517-BLK1)				Prepared & Analyzed: 07/28/25						
Arsenic	ND	2.00	mg/kg dry wt. wet							
Lead	ND	3.00	"							
Sodium	ND	100	"							
LCS (25G0517-BS1)				Prepared & Analyzed: 07/28/25						
Arsenic	94.9	2.00	mg/kg dry wt. wet	100		94.9	80-120			
Lead	94.2	3.00	"	100		94.2	80-120			
Sodium	116		"	100		116	75-125		20	
Matrix Spike (25G0517-MS1)		**Source: T253136-01**		Prepared & Analyzed: 07/28/25						
Arsenic	66.0	4.00	mg/kg dry wt. wet	100	ND	66.0	75-125			QM-07
Lead	65.4	6.00	"	100	ND	65.4	75-125			QM-07
Sodium	215		"	100	63.9	151	75-125		20	QM-07
Matrix Spike Dup (25G0517-MSD1)		**Source: T253136-01**		Prepared & Analyzed: 07/28/25						
Arsenic	61.3	4.00	mg/kg dry wt. wet	100	ND	61.3	75-125	7.48	20	QM-07
Lead	63.8	6.00	"	100	ND	63.8	75-125	2.54	20	QM-07
Sodium	144		"	100	63.9	80.3	75-125	39.4	20	QM-07
Batch 25G0528 - EPA 3050B										
Blank (25G0528-BLK1)				Prepared & Analyzed: 07/28/25						
Cadmium	ND	2.00	mg/kg dry wt. wet							
Lead	ND	3.00	"							
LCS (25G0528-BS1)				Prepared & Analyzed: 07/28/25						
Cadmium	96.8	2.00	mg/kg dry wt. wet	100		96.8	80-120			
Lead	96.9	3.00	"	100		96.9	80-120			

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25G0528 - EPA 3050B										
Matrix Spike (25G0528-MS1)	**Source: T253130-01**			Prepared & Analyzed: 07/28/25						
Cadmium	60.9	2.39	mg/kg dry wt. dry	119	ND	51.0	75-125			QM-07
Lead	74.0	3.58	"	119	39.5	28.9	75-125			QM-07
Matrix Spike Dup (25G0528-MSD1)	**Source: T253130-01**			Prepared & Analyzed: 07/28/25						
Cadmium	67.1	2.39	mg/kg dry wt. dry	119	ND	56.2	75-125	9.75	20	QM-07
Lead	128	3.58	"	119	39.5	74.5	75-125	53.7	20	QM-07
Batch 25H0059 - EPA 3050B										
Blank (25H0059-BLK1)				Prepared: 08/05/25 Analyzed: 08/07/25						
Lead	ND	3.0	mg/kg dry wt. wet							
LCS (25H0059-BS1)				Prepared: 08/05/25 Analyzed: 08/07/25						
Lead	91.1	3.0	mg/kg dry wt. wet	100		91.1	75-125			
Matrix Spike (25H0059-MS1)	**Source: T253130-31**			Prepared: 08/05/25 Analyzed: 08/07/25						
Lead	94.2	3.7	mg/kg dry wt. dry	122	12.4	67.1	75-125			QM-07
Matrix Spike Dup (25H0059-MSD1)	**Source: T253130-31**			Prepared: 08/05/25 Analyzed: 08/07/25						
Lead	89.5	3.7	mg/kg dry wt. dry	122	12.4	63.2	75-125	5.13	20	QM-07

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

Metals by EPA 6020 Method - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25G0523 - EPA 3050B										
Blank (25G0523-BLK1)				Prepared: 07/28/25 Analyzed: 08/05/25						
Arsenic	ND	0.050	mg/kg dry wt. wet							
Thallium	ND	0.25	"							
LCS (25G0523-BS1)				Prepared: 07/28/25 Analyzed: 08/05/25						
Arsenic	25.4	0.050	mg/kg dry wt. wet	25.0		102	80-120			
Thallium	25.6	0.25	"	25.0		103	80-120			
Matrix Spike (25G0523-MS1)		**Source: T253135-01**		Prepared: 07/28/25 Analyzed: 08/05/25						
Arsenic	6.11	0.050	mg/kg dry wt. wet	25.0		24.4	75-125			QM-07
Thallium	ND	0.25	"	25.0			75-125			QM-07
Matrix Spike Dup (25G0523-MSD1)		**Source: T253135-01**		Prepared: 07/28/25 Analyzed: 08/05/25						
Arsenic	20.1	0.050	mg/kg dry wt. wet	25.0		80.5	75-125	107	20	QM-07
Thallium	8.93	0.25	"	25.0		35.7	75-125	200	20	QM-07
Post Spike (25G0523-PS1)		**Source: T253135-01**		Prepared: 07/28/25 Analyzed: 08/05/25						
Arsenic	34.7		mg/kg dry wt. wet	25.0		139	80-120			QM-PS
Batch 25H0075 - EPA 3050B										
Blank (25H0075-BLK1)				Prepared: 08/05/25 Analyzed: 08/06/25						
Arsenic	ND	0.050	mg/kg dry wt. wet							
LCS (25H0075-BS1)				Prepared: 08/05/25 Analyzed: 08/06/25						
Arsenic	22.7	0.050	mg/kg dry wt. wet	25.0		90.8	80-120			
Matrix Spike (25H0075-MS1)		**Source: T253130-66**		Prepared: 08/05/25 Analyzed: 08/06/25						
Arsenic	34.3	0.060	mg/kg dry wt. dry	30.2	6.24	93.1	75-125			

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Terracon -- Sacramento	Project: Frank Otis Elementary School	
50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

Metals by EPA 6020 Method - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25H0075 - EPA 3050B										
Matrix Spike Dup (25H0075-MSD1)	**Source: T253130-66**			Prepared: 08/05/25 Analyzed: 08/06/25						
Arsenic	37.6	0.060	mg/kg dry wt. dry	30.2	6.24	104	75-125	9.16	20	
Post Spike (25H0075-PS1)	**Source: T253130-66**			Prepared: 08/05/25 Analyzed: 08/06/25						
Arsenic	38.9		mg/kg dry wt. dry	25.0	5.17	135	80-120			QM-PS

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25G0524 - General Preparation										
Duplicate (25G0524-DUP1)	**Source: T253130-01**			Prepared: 07/28/25 Analyzed: 07/29/25						
% Solids	85.6		%		83.8			2.13	20	
Batch 25G0525 - General Preparation										
Duplicate (25G0525-DUP1)	**Source: T253130-36**			Prepared: 07/28/25 Analyzed: 07/30/25						
% Solids	87.9		%		85.8			2.50	20	
Batch 25G0526 - General Preparation										
Duplicate (25G0526-DUP1)	**Source: T253130-70**			Prepared: 07/28/25 Analyzed: 08/01/25						
% Solids	83.4		%		80.4			3.66	20	
Batch 25G0531 - General Preparation										
Blank (25G0531-BLK1)				Prepared & Analyzed: 07/28/25						
Hexavalent Chromium	ND	0.20	mg/kg dry wt. wet							
LCS (25G0531-BS1)				Prepared & Analyzed: 07/28/25						
Hexavalent Chromium	9.93	0.20	mg/kg dry wt. wet	10.0		99.3	80-120			
Matrix Spike (25G0531-MS1)	**Source: T253130-07**			Prepared & Analyzed: 07/28/25						
Hexavalent Chromium	13.3	0.26	mg/kg dry wt. dry	12.9	ND	103	75-125			
Matrix Spike Dup (25G0531-MSD1)	**Source: T253130-07**			Prepared & Analyzed: 07/28/25						
Hexavalent Chromium	13.0	0.26	mg/kg dry wt. dry	12.9	ND	101	75-125	1.92	20	

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50 Goldenland Court, Suite 100	Project Number: NA247141	**Reported:**
Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 25H0058 - General Preparation										
Duplicate (25H0058-DUP1)	**Source: T253130-31**		Prepared: 08/05/25 Analyzed: 08/06/25							
% Solids	82.0		%		82.0			0.0244	20	

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Sacramento CA, 95834	Project Manager: Sadie Bodiford	08/07/25 16:27

Notes and Definitions

QM-PS	The percent recovery and/or RPD are outside acceptance criteria. Results accepted based upon percent recovery results in the post spike and/or serial dilution.
QM-07	The spike recovery and/or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
O-04	This sample was received and analyzed outside the EPA recommended holding time.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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T253130

CHAIN OF CUSTODY RECORD

Terracon

Office Location: 50 Goldenland Court, Suite 100, Sacramento, CA 95834

Project Manager: Sadie Bodiford

Sampler's Name: Garrett Ogden

Laboratory: SunStar Labratories
Address: 25712 Commercentre Drive, Lake Forest, CA 92630
Phone: 916-928-4690
Contact:
PO/SO #:
Sampler's Signature: Garrett Ogden

Project Number: NA247141

Project Name: Frank Otis ES

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 4 oz jar				Lead (6010)	Cadmium (6010)	Arsenic (6020)	Hexavalent Chromium (7199)	Hold			Lab Sample ID
S	7-23-25	1327		X	S02-5N-1.0	0.5	1.0	1					X	X					1
S		1331		X	S02-5N-2.5	2.0	2.5	1								X			2
S		1320		X	S02-5E-1.0	0.5	1.0	1					X	X					3
S		1325		X	S02-5E-2.5	2.0	2.5	1								X			4
S		11[illegible]53		X	S02-5W-1.0	0.5	1.0	1					X	X					5
S		11[illegible]24		X	S02-5W-2.5	2.0	2.5	1								X			6
S		1148		X	S08-5N-1.0	0.5	1.0	1							X				7
S		1146		X	S08-5N-2.5	2.0	2.5	1							X				8
S		1144		X	S08-5N-3.0	2.5	3.0	1								X			9
S	↓	1158		X	S08-5E-1.0	0.5	1.0	1							X				10

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Page 1 of 9

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist: ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Garrett Ogden	7.24.25	08:40	Ed Steven	7/24/25	1038
EC Steven	7/24/2025	1630	GLS / Kevin P.		
GLS	7/25/25	1145	[illegible]	7/25/25	1145

NOTES:
- Report on a dry-weight basis.
- Report results for soils in mg/Kg
- Forward results to
sadie.bodiford@terracon.com
joe.rosenbery@terracon.com
garrett.ogden@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other _____

M.L
2.6 c
2.7 c

T25380

CHAIN OF CUSTODY RECORD

Terracon

Office Location: 50 Goldenland Court, Suite 100, Sacramento, CA 95834

Project Manager: Sadie Bodiford

Sampler's Name: Garrett Ogden

Laboratory:
Address:

Phone: 916-928-4690
Contact:
PO/SO #:

Sampler's Signature: Garrett Ogden

Project Number: NA247141

Project Name: Frank Otis ES

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 4 oz jar				Lead (6010)	Cadmium (6010)	Arsenic (6020)	Hexavalent Chromium (7199)	Hold			Lab Sample ID
S	7-23-25	1156		X	S08-5E-2.5	2.0	2.5	1							X				L1
S		1154		X	S08-5E-3.0	2.5	3.0	1								X			L2
S		1014		X	S10-5N-1.0	0.5	1.0	1				X							L3
S		1012		X	S10-5N-2.5	2.0	2.5	1								X			L4
S		1116		X	S10-5E-1.0	0.5	1.0	1				X							L5
S		1114		X	S10-5E-2.5	2.0	2.5	1								X			L6
S		1020		X	S10-5W-1.0	0.5	1.0	1				X							L7
S		1018		X	S10-5W-2.5	2.0	2.5	1								X			L8
S		1038		X	S15-5N-1.0	0.5	1.0	1						X	X				L9
S		1036		X	S15-5N-2.5	2.0	2.5	1						X					L10

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist: ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Garrett Ogden	7.24.25	840	Ed Stevens	07/24	1035
Ed Stevens	7/24/2025	1630	GLS/Kevin P.		
GLS	7/25/25	1145	Mike	7/25/25	1145

NOTES:
- Report on a dry-weight basis.
- Report results for soils in mg/Kg
- Forward results to
sadie.bodiford@terracon.com
joe.rosenbery@terracon.com
garrett.ogden@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other _____

M.L
2.6°C
2.7°C

T253130

CHAIN OF CUSTODY RECORD

Terracon

Office Location: 50 Goldenland Court, Suite 100, Sacramento, CA 95834

Project Manager: Sadie Bodiford

Sampler's Name: Garrett Ogden

Sampler's Signature: Garrett Ogden

Laboratory:
Address:

Phone: 916-928-4690
Contact:
PO/SO #:

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Page 3 of 9

Project Number: NA247141

Project Name: Frank Otis ES

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 4 oz jar				Lead (6010)	Cadmium (6010)	Arsenic (6020)	Hexavalent Chromium (7199)	Hold			Lab Sample ID
S	7.23.25	1034		X	S15-5N-3.0	2.5	3.0	1								X			21
S		1026		X	S15-5S-1.0	0.5	1.0	1						X	X				22
S		1026		X	S15-5S-2.5	2.0	2.5	1						X					23
S		1024		X	S15-5S-3.0	2.5	3.0	1								X			24
S		1048		X	S15-5W-1.0	0.5	1.0	1						X	X				25
S		1046		X	S15-5W-2.5	2.0	2.5	1						X					26
S		1044		X	S15-5W-3.0	2.5	3.0	1								X			27
S		1300		X	S27-5N-1.0	0.5	1.0	1				X							28
S		1305		X	S27-5N-2.5	2.0	2.5	1								X			29
S		1310		X	S27-5S-1.0	0.5	1.0	1				X							30

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist: ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Garrett Ogden	7.24.25	0840	Ed Stevens	7/24/25	1038
Ed Stevens	7/24/25	1630	GLS/Kevin P.		
GLS	7/25/25	1145		7/25/25	1145

NOTES:
- Report on a dry-weight basis.
- Report results for soils in mg/Kg
- Forward results to
sadie.bodiford@terracon.com
joe.rosenbery@terracon.com
garrett.ogden@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other _____

2.7°C

T253130

CHAIN OF CUSTODY RECORD

Terracon

Office Location: 50 Goldenland Court, Suite 100, Sacramento, CA 95834

Project Manager: Sadie Bodiford

Sampler's Name: Garrett Ogden

Laboratory:
Address:

Phone: 916-928-4690
Contact:
PO/SO #:

Sampler's Signature: Garrett Ogden

Project Number: NA247141

Project Name: Frank Otis ES

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 4 oz jar	Lead (6010)	Cadmium (6010)	Arsenic (6020)	Hexavalent Chromium (7199)	Hold	Lab Sample ID
S	7-23-25	1315		X	S27-5S-2.5	2.0	2.5	1					X	31
S		1250		X	S27-5W-1.0	0.5	1.0	1	X					32
S		1255		X	S27-5W-2.5	2.0	2.5	1					X	33
S		0846		X	S31-5N-1.0	0.5	1.0	1	X					34
S		0841		X	S31-5N-2.5	2.0	2.5	1					X	35
S		0848		X	S31-5E-1.0	0.5	1.0	1	X					36
S		0851		X	S31-5E-2.5	2.0	2.5	1					X	37
S		0840		X	S31-5W-1.0	0.5	1.0	1	X					38
S		0842		X	S31-5W-2.5	2.0	2.5	1					X	39
S	↓	0854		X	S32-5NE-1.0	0.5	1.0	1			X			40

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Garrett Ogden	7.24.25	0840	Ed Stevens	7/24/25	1035
Ed Stevens	7/24/2025	1630	Kevin P. / GLS		
GLS	7/25/25	1145		7/25/25	1145

NOTES:
- Report on a dry-weight basis.
- Report results for soils in mg/Kg
- Forward results to
sadie.bodiford@terracon.com
joe.rosenbery@terracon.com
garrett.ogden@terracon.com

Matrix: WW-Wastewater W - Water S - Soil L - Liquid A - Air Bag C - Charcoal tube SL - Sludge

Container: VOA - 40 ml vial A/G - Amber Glass 1L 250 ml = Glass wide mouth P/O - Plastic or other _____

2.Tc

T25380

CHAIN OF CUSTODY RECORD

Terracon

Office Location: 50 Goldenland Court, Suite 100, Sacramento, CA 95834

Project Manager: Sadie Bodiford

Sampler's Name: Garrett Ogden

Laboratory:
Address:

Phone: 916-928-4690
Contact:
PO/SO #:

Sampler's Signature:

Project Number: NA247141

Project Name: Frank Otis ES

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 4 oz jar				Lead (6010)	Cadmium (6010)	Arsenic (6020)	Hexavalent Chromium (7199)	Hold			Lab Sample ID
S	7.23.25	0857		X	S32-5NE-2.5	2.0	2.5	1						X					41
S		0855		X	S32-5NE-3.0	2.5	3.0	1								X			42
S		0924		X	S32-5SE-1.0	0.5	1.0	1						X					43
S		0922		X	S32-5SE-2.5	2.0	2.5	1						X					44
S		0920		X	S32-5SE-3.0	2.5	3.0	1								X			45
S		0910		X	S32-5NW-1.0	0.5	1.0	1						X					46
S		0912		X	S32-5NW-2.5	2.0	2.5	1						X					47
S		0914		X	S32-5NW-3.0	2.5	3.0	1								X			48
S		0942		X	S33-5NE-1.0	0.5	1.0	1				X							49
S		0940		X	S33-5NE-2.5	2.0	2.5	1				X							50

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
[signature]	7.24.25	0840	[signature]	7/24/25	1038
[signature]	7/24/2025	1630	[signature] / Kevin P.		
GLS	7/25/25	1145	[signature]	7/25/25	1145

NOTES:
- Report on a dry-weight basis.
- Report results for soils in mg/Kg
- Forward results to
sadie.bodiford@terracon.com
joe.rosenbery@terracon.com
garrett.ogden@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other _____

2.7°C

T25B30 3

CHAIN OF CUSTODY RECORD

Terracon

Office Location: 50 Goldenland Court, Suite 100, Sacramento, CA 95834

Project Manager: Sadie Bodiford

Sampler's Name: Garrett Ogden

Sampler's Signature: Garrett Ogden

Laboratory:
Address:

Phone: 916-928-4690
Contact:
PO/SO #:

Project Number: NA247141

Project Name: Frank Otis ES

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 4 oz jar	Lead (6010)	Cadmium (6010)	Arsenic (6020)	Hexavalent Chromium (7199)	Hold	Lab Sample ID
S	7-23-25	0938		X	S33-5NE-3.0	2.5	3.0	1					X	51
S		0950		X	S33-5SE-1.0	0.5	1.0	1	X					52
S		0948		X	S33-5SE-2.5	2.0	2.5	1	X					53
S		0946		X	S33-5SE-3.0	2.5	3.0	1					X	54
S		0934		X	S33-5SW-1.0	0.5	1.0	1	X					55
S		0932		X	S33-5SW-2.5	2.0	2.5	1	X					56
S		0930		X	S33-5SW-3.0	2.5	3.0	1					X	57
S		1204		X	S37-5N-1.0	0.5	1.0	1	X					58
S		1202		X	S37-5N-2.5	2.0	2.5	1					X	59
S		1210		X	S37-5E-1.0	0.5	1.0	1	X					60

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Garrett Ogden	7.24.25	0840	Ed Stevens	7/24/25	1040
Ed Stevens	7/24/2025	1630	GLS / Kevin P.		
GLS	7/25/25	1145		7/25/25	1145

NOTES:
- Report on a dry-weight basis.
- Report results for soils in mg/Kg
- Forward results to
sadie.bodiford@terracon.com
joe.rosenbery@terracon.com
garrett.ogden@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other _____

2.7c

TZ53130

CHAIN OF CUSTODY RECORD

Terracon

Office Location: 50 Goldenland Court, Suite 100, Sacramento, CA 95834

Project Manager: Sadie Bodiford

Sampler's Name: Garrett Ogden

Laboratory:
Address:

Phone: 916-928-4690
Contact:
PO/SO #:

Sampler's Signature: Garrett Ogden

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Project Number: NA247141

Project Name: Frank Otis ES

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 4 oz jar				Lead (6010)	Cadmium (6010)	Arsenic (6020)	Hexavalent Chromium (7199)	Hold			Lab Sample ID
S	7.23.25	1209		X	S37-5E-2.5	2.0	2.5	1								X			61
S		1218		X	S37-5S-1.0	0.5	1.0	1				X							62
S		1214		X	S37-5S-2.5	2.0	2.5	1								X			63
S		1224		X	S37-5W-1.0	0.5	1.0	1				X							64
S		1222		X	S37-5W-2.5	2.0	2.5	1								X			65
S		1108		X	S40-5N-1.0	0.5	1.0	1							X				66
S		1106		X	S40-5N-2.5	2.0	2.5	1								X			67
S		1122		X	S40-5E-1.0	0.5	1.0	1							X				68
S		1120		X	S40-5E-2.5	2.0	2.5	1								X			69
S		1128		X	S40-5S-1.0	0.5	1.0	1							X				70

ANALYSIS REQUESTED

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Garrett Ogden	7.24.25	0840	Ed Stevens	7/24/25	1040
Ed Stevens	7/24/2025	1630	GLS/ Kevin P.		
GLS	7/25/25	1145		7/25/25	1145

NOTES:
- Report on a dry-weight basis.
- Report results for soils in mg/Kg
- Forward results to
sadie.bodiford@terracon.com
joe.rosenbery@terracon.com
garrett.ogden@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other _____

2-7c

T253130

CHAIN OF CUSTODY RECORD

Terracon

Office Location: 50 Goldenland Court, Suite 100, Sacramento, CA 95834

Project Manager: Sadie Bodiford

Sampler's Name: Garrett Ogden

Sampler's Signature: Garrett Ogden

Laboratory:
Address:

Phone: 916-928-4690
Contact:
PO/SO #:

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Project Number: NA247141

Project Name: Frank Otis ES

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 4 oz jar				Lead (6010)	Cadmium (6010)	Arsenic (6020)	Hexavalent Chromium (7199)	Hold			Lab Sample ID
S	7.23.25	1126		X	S40-5S-2.5	2.0	2.5	1								X			71
S		1136		X	S40-5W-1.0	0.5	1.0	1							X				72
S		1134		X	S40-5W-2.5	2.0	2.5	1								X			73
S		1006		X	S46-1.0	0.5	1.0	1							X				74
S		1004		X	S46-2.5	2.0	2.5	1							X				75
S		1240		X	S47-1.0	0.5	1.0	1							X				76
S		1245		X	S47-2.5	0.5	1.0	1							X				77
S		0958		X	S48-1.0	0.5	1.0	1							X				78
S		0956		X	S48-2.5	2.0	2.5	1							X				79
S		1056		X	S49-1.0	0.5	1.0	1							X				80

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist: ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Garrett Ogden	7.24.25	0840	Ed Stevens	7/24/25	1040
Ed Stevens	7/24/2025	1630	Kevin P. / GLS		
GLS	7/25/25	1145		7/25/25	1145

NOTES:
- Report on a dry-weight basis.
- Report results for soils in mg/Kg
- Forward results to
sadie.bodiford@terracon.com
joe.rosenbery@terracon.com
garrett.ogden@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other _____

T25330

CHAIN OF CUSTODY RECORD

Terracon

Office Location: 50 Goldenland Court, Suite 100, Sacramento, CA 95834

Project Manager: Sadie Bodiford

Sampler's Name: Garrett Ogden

Sampler's Signature: Garrett Ogden

Laboratory:
Address:

Phone: 916-928-4690
Contact:
PO/SO #:

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Project Number: NA247141

Project Name: Frank Otis ES

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 4 oz jar				Lead (6010)	Cadmium (6010)	Arsenic (6020)	Hexavalent Chromium (7199)	Hold			Lab Sample ID
S	7.23.25	1054		X	S49-2.5	2.0	2.5	1							X				81
S																			
S																			
S																			
S																			
S																			
S																			
S																			
S																			
S																			

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Garrett Ogden	7.24.25	0840	Ed Stevens	7/24/25	1040
Ed Stevens	7/24/2025	1630	GLS / Kevin P.		
GLS	7/25/25	1145		7/25/25	1145

NOTES:
- Report on a dry-weight basis.
- Report results for soils in mg/Kg
- Forward results to
sadie.bodiford@terracon.com
joe.rosenbery@terracon.com
garrett.ogden@terracon.com

Matrix: WW-Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal tube; SL - Sludge

Container: VOA - 40 ml vial; A/G - Amber Glass 1L; 250 ml = Glass wide mouth; P/O - Plastic or other _____

2.7c

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T253B0

Client Name: Terracon Project: Frank Otis ES

Delivered by: ☐ Client ☐ SunStar Courier ☒ GLS ☐ FedEx ☐ Other

If Courier, Received by: Date/Time Courier Received:

Lab Received by: M.Le Date/Time Lab Received: 7/25/25 1145

Total number of coolers received: 1 Thermometer ID: SC-1 Calibration due: 11/19/2025

Temperature: Cooler #1	2.6 °C +/- the CF (+ 0.1°C)	=	2.7	°C corrected temperature
Temperature: Cooler #2	°C +/- the CF (+ 0.1°C)	=		°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (+ 0.1°C)	=		°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☒ **Yes** ☐ **No** ☐ **N/A**
If NO:		
Samples received on ice?	☐ Yes	☐ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	☐ Yes	☐ No*	☒ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: M.L 7/25/25

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

Outlook

RE: Partial Report for Frank Otis ES (T253130)

From Bodiford, Sadie M <Sadie.Bodiford@terracon.com>
Date Tue 8/5/2025 12:33 PM
To Joann Marroquin <joann@sunstarlabs.com>; Calderon Sierra, Santiago <Santiago.CalderonSierra@terracon.com>
Cc Jeff Lee <jefflee@sunstarlabs.com>; Alexis Marroquin <alexis@sunstarlabs.com>; Rosenbery, Joe <Joe.Rosenbery@terracon.com>; Irma Vela <irma.vela@sunstarlabs.com>

Joann,

I realized I missed another analysis as well. Could you please add sample S40-1.0 for arsenic analysis by 6020?

Thank you,

Sadie Bodiford
~Time Off Alert: 8/13-8/22~

Project Manager
50 Goldenland Ct, Ste 100 I Sacramento, CA 95834
M (916) 246-5080 I Txt Msg (831) 332-3736
sadie.bodiford@terracon.com I Terracon.com

From: Joann Marroquin <joann@sunstarlabs.com>
Sent: Tuesday, August 5, 2025 10:04 AM
To: Bodiford, Sadie M <Sadie.Bodiford@terracon.com>; Calderon Sierra, Santiago <Santiago.CalderonSierra@terracon.com>
Cc: Jeff Lee <jefflee@sunstarlabs.com>; Alexis Marroquin <alexis@sunstarlabs.com>; Rosenbery, Joe <Joe.Rosenbery@terracon.com>; Irma Vela <irma.vela@sunstarlabs.com>
Subject: RE: Partial Report for Frank Otis ES (T253130)

Sadie,

Attached is the confirmation for the additional 6010 Pb on three samples for std TAT. Results will be ready on or before 8/12/25.

Thanks!
Joann



From: Bodiford, Sadie M <Sadie.Bodiford@terracon.com>
Sent: Tuesday, August 5, 2025 8:13 AM
To: Joann Marroquin <joann@sunstarlabs.com>; Calderon Sierra, Santiago <Santiago.CalderonSierra@terracon.com>
Cc: Jeff Lee <jefflee@sunstarlabs.com>; Alexis Marroquin <alexis@sunstarlabs.com>; Rosenbery, Joe <Joe.Rosenbery@terracon.com>
Subject: RE: Partial Report for Frank Otis ES (T253130)

Good morning Joann,

Please run these additional samples

Terracon ID	Lab ID	Additional Analysis
S27-5S-2.5	31	Lead
S33-5NE-3.0	51	Lead
S33-5SW-3.0	57	Lead

Standard TAT. Dry-weight basis. EPA 6010.

Thank you,

Sadie Bodiford
~Time Off Alert: 8/13-8/22~

Project Manager
50 Goldenland Ct, Ste 100 I Sacramento, CA 95834
M (916) 246-5080 I Txt Msg (831) 332-3736
sadie.bodiford@terracon.com I Terracon.com

From: Joann Marroquin <joann@sunstarlabs.com>
Sent: Friday, August 1, 2025 3:58 PM

To: Bodiford, Sadie M <Sadie.Bodiford@terracon.com>; Calderon Sierra, Santiago <Santiago.CalderonSierra@terracon.com>
Cc: Jeff Lee <jefflee@sunstarlabs.com>; Alexis Marroquin <alexis@sunstarlabs.com>
Subject: Partial Report for Frank Otis ES (T253130)

Please find attached the partial report for:

Project Name: **Frank Otis ES**
Project Number: **NA247141**

Our 6020 instrument is down with the service engineer scheduled to be here on Wednesday for repair. The final including the 6020 results will be sent as soon after, most likely late Wednesday or Thursday.

Thank you,
Joann



Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

Private and confidential as detailed here (www.terracon.com/disclaimer). If you cannot access the hyperlink, please e-mail sender.

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Printed: 7/28/2025 1:42:30PM

WORK ORDER

T253130

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Report To:

Terracon -- Sacramento
Sadie Bodiford
50 Goldenland Court, Suite 100
Sacramento, CA 95834

Date Due:	08/01/25 17:00 (5 day TAT)		
Received By:	Michael Leventhal	Date Received:	07/25/25 11:45
Logged In By:	Alexis Marroquin	Date Logged In:	07/25/25 15:45

Samples Received at:	**2.7°C**		
Custody Seals	No	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirme	No		

Analysis	Due	TAT	Expires	Comments
T253130-01 S02-5N-1.0 [Soil] Sampled 07/23/25 13:27 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 13:27	Cd only
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 13:27	As only
Dry Weight	08/01/25 15:00	5	07/30/25 13:27	
T253130-02 S02-5N-2.5 [Soil] Sampled 07/23/25 13:31 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-03 S02-5E-1.0 [Soil] Sampled 07/23/25 13:20 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 13:20	Cd only
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 13:20	As only
Dry Weight	08/01/25 15:00	5	07/30/25 13:20	
T253130-04 S02-5E-2.5 [Soil] Sampled 07/23/25 13:25 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-05 S02-5W-1.0 [Soil] Sampled 07/23/25 11:33 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 11:33	Cd only
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 11:33	As only
Dry Weight	08/01/25 15:00	5	07/30/25 11:33	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T253130

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T253130-06 S02-5W-2.5 [Soil] Sampled 07/23/25 11:28 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-07 S08-5N-1.0 [Soil] Sampled 07/23/25 11:48 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:48	
Dry Weight	08/01/25 15:00	5	07/30/25 11:48	
T253130-08 S08-5N-2.5 [Soil] Sampled 07/23/25 11:46 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:46	
Dry Weight	08/01/25 15:00	5	07/30/25 11:46	
T253130-09 S08-5N-3.0 [Soil] Sampled 07/23/25 11:44 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-10 S08-5E-1.0 [Soil] Sampled 07/23/25 11:58 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:58	
Dry Weight	08/01/25 15:00	5	07/30/25 11:58	
T253130-11 S08-5E-2.5 [Soil] Sampled 07/23/25 11:56 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:56	
Dry Weight	08/01/25 15:00	5	07/30/25 11:56	
T253130-12 S08-5E-3.0 [Soil] Sampled 07/23/25 11:54 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-13 S10-5N-1.0 [Soil] Sampled 07/23/25 10:14 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 10:14	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 10:14	
T253130-14 S10-5N-2.5 [Soil] Sampled 07/23/25 10:12 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				

WORK ORDER

T253130

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T253130-15 S10-5E-1.0 [Soil] Sampled 07/23/25 11:16 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 11:16	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 11:16	
T253130-16 S10-5E-2.5 [Soil] Sampled 07/23/25 11:14 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-17 S10-5W-1.0 [Soil] Sampled 07/23/25 10:20 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 10:20	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 10:20	
T253130-18 S10-5W-2.5 [Soil] Sampled 07/23/25 10:18 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-19 S15-5N-1.0 [Soil] Sampled 07/23/25 10:38 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:38	As only
Cr6-7199	08/01/25 15:00	5	08/22/25 10:38	
Dry Weight	08/01/25 15:00	5	07/30/25 10:38	
T253130-20 S15-5N-2.5 [Soil] Sampled 07/23/25 10:36 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:36	As only
Dry Weight	08/01/25 15:00	5	07/30/25 10:36	
T253130-21 S15-5N-3.0 [Soil] Sampled 07/23/25 10:34 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-22 S15-5S-1.0 [Soil] Sampled 07/23/25 10:28 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:28	As only
Cr6-7199	08/01/25 15:00	5	08/22/25 10:28	
Dry Weight	08/01/25 15:00	5	07/30/25 10:28	

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T253130

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T253130-23 S15-5S-2.5 [Soil] Sampled 07/23/25 10:26 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:26	As only
Dry Weight	08/01/25 15:00	5	07/30/25 10:26	
T253130-24 S15-5S-3.0 [Soil] Sampled 07/23/25 10:24 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-25 S15-5W-1.0 [Soil] Sampled 07/23/25 10:48 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:48	As only
Cr6-7199	08/01/25 15:00	5	08/22/25 10:48	
Dry Weight	08/01/25 15:00	5	07/30/25 10:48	
T253130-26 S15-5W-2.5 [Soil] Sampled 07/23/25 10:46 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:46	As only
Dry Weight	08/01/25 15:00	5	07/30/25 10:46	
T253130-27 S15-5W-3.0 [Soil] Sampled 07/23/25 10:44 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-28 S27-5N-1.0 [Soil] Sampled 07/23/25 13:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 13:00	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 13:00	
T253130-29 S27-5N-2.5 [Soil] Sampled 07/23/25 13:05 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-30 S27-5S-1.0 [Soil] Sampled 07/23/25 13:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 13:10	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 13:10	
T253130-31 S27-5S-2.5 [Soil] Sampled 07/23/25 13:15 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				

WORK ORDER

T253130

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T253130-32 S27-5W-1.0 [Soil] Sampled 07/23/25 12:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 12:50	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 12:50	
T253130-33 S27-5W-2.5 [Soil] Sampled 07/23/25 12:55 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-34 S31-5N-1.0 [Soil] Sampled 07/23/25 08:46 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 08:46	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 08:46	
T253130-35 S31-5N-2.5 [Soil] Sampled 07/23/25 08:44 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-36 S31-5E-1.0 [Soil] Sampled 07/23/25 08:48 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 08:48	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 08:48	
T253130-37 S31-5E-2.5 [Soil] Sampled 07/23/25 08:51 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-38 S31-5W-1.0 [Soil] Sampled 07/23/25 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 08:40	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 08:40	
T253130-39 S31-5W-2.5 [Soil] Sampled 07/23/25 08:42 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-40 S32-5NE-1.0 [Soil] Sampled 07/23/25 08:59 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 08:59	As only
Dry Weight	08/01/25 15:00	5	07/30/25 08:59	

WORK ORDER

T253130

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T253130-41 S32-5NE-2.5 [Soil] Sampled 07/23/25 08:57 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 08:57	As only
Dry Weight	08/01/25 15:00	5	07/30/25 08:57	
T253130-42 S32-5NE-3.0 [Soil] Sampled 07/23/25 08:55 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-43 S32-5SE-1.0 [Soil] Sampled 07/23/25 09:24 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 09:24	As only
Dry Weight	08/01/25 15:00	5	07/30/25 09:24	
T253130-44 S32-5SE-2.5 [Soil] Sampled 07/23/25 09:22 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 09:22	As only
Dry Weight	08/01/25 15:00	5	07/30/25 09:22	
T253130-45 S32-5SE-3.0 [Soil] Sampled 07/23/25 09:20 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-46 S32-5NW-1.0 [Soil] Sampled 07/23/25 09:10 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 09:10	As only
Dry Weight	08/01/25 15:00	5	07/30/25 09:10	
T253130-47 S32-5NW-2.5 [Soil] Sampled 07/23/25 09:12 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 09:12	As only
Dry Weight	08/01/25 15:00	5	07/30/25 09:12	
T253130-48 S32-5NW-3.0 [Soil] Sampled 07/23/25 09:14 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-49 S33-5NE-1.0 [Soil] Sampled 07/23/25 09:42 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:42	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:42	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T253130

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T253130-50 S33-5NE-2.5 [Soil] Sampled 07/23/25 09:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:40	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:40	
T253130-51 S33-5NE-3.0 [Soil] Sampled 07/23/25 09:38 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-52 S33-5SE-1.0 [Soil] Sampled 07/23/25 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:50	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:50	
T253130-53 S33-5SE-2.5 [Soil] Sampled 07/23/25 09:48 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:48	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:48	
T253130-54 S33-5SE-3.0 [Soil] Sampled 07/23/25 09:46 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-55 S33-5SW-1.0 [Soil] Sampled 07/23/25 09:34 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:34	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:34	
T253130-56 S33-5SW-2.5 [Soil] Sampled 07/23/25 09:32 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:32	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:32	
T253130-57 S33-5SW-3.0 [Soil] Sampled 07/23/25 09:30 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-58 S37-5N-1.0 [Soil] Sampled 07/23/25 12:04 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 12:04	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 12:04	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T253130

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T253130-59 S37-5N-2.5 [Soil] Sampled 07/23/25 12:02 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-60 S37-5E-1.0 [Soil] Sampled 07/23/25 12:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 12:10	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 12:10	
T253130-61 S37-5E-2.5 [Soil] Sampled 07/23/25 12:08 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-62 S37-5S-1.0 [Soil] Sampled 07/23/25 12:18 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 12:18	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 12:18	
T253130-63 S37-5S-2.5 [Soil] Sampled 07/23/25 12:14 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-64 S37-5W-1.0 [Soil] Sampled 07/23/25 12:24 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 12:24	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 12:24	
T253130-65 S37-5W-2.5 [Soil] Sampled 07/23/25 12:22 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-66 S40-5N-1.0 [Soil] Sampled 07/23/25 11:08 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:08	
Dry Weight	08/01/25 15:00	5	07/30/25 11:08	
T253130-67 S40-5N-2.5 [Soil] Sampled 07/23/25 11:06 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				

WORK ORDER

T253130

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T253130-68 S40-5E-1.0 [Soil] Sampled 07/23/25 11:22 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:22	
Dry Weight	08/01/25 15:00	5	07/30/25 11:22	
T253130-69 S40-5E-2.5 [Soil] Sampled 07/23/25 11:20 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-70 S40-5S-1.0 [Soil] Sampled 07/23/25 11:28 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:28	
Dry Weight	08/01/25 15:00	5	07/30/25 11:28	
T253130-71 S40-5S-2.5 [Soil] Sampled 07/23/25 11:26 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-72 S40-5W-1.0 [Soil] Sampled 07/23/25 11:36 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:36	
Dry Weight	08/01/25 15:00	5	07/30/25 11:36	
T253130-73 S40-5W-2.5 [Soil] Sampled 07/23/25 11:34 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-74 S46-1.0 [Soil] Sampled 07/23/25 10:06 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 10:06	
Dry Weight	08/01/25 15:00	5	07/30/25 10:06	
T253130-75 S46-2.5 [Soil] Sampled 07/23/25 10:04 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 10:04	
Dry Weight	08/01/25 15:00	5	07/30/25 10:04	
T253130-76 S47-1.0 [Soil] Sampled 07/23/25 12:40 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 12:40	
Dry Weight	08/01/25 15:00	5	07/30/25 12:40	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T253130

Client:	**Terracon -- Sacramento**	**Project Manager:**	**Jeff Lee**
Project:	**Frank Otis Elementary School**	**Project Number:**	**NA247141**

Analysis	Due	TAT	Expires	Comments
T253130-77 S47-2.5 [Soil] Sampled 07/23/25 12:45 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 12:45	
Dry Weight	08/01/25 15:00	5	07/30/25 12:45	
T253130-78 S48-1.0 [Soil] Sampled 07/23/25 09:58 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 09:58	
Dry Weight	08/01/25 15:00	5	07/30/25 09:58	
T253130-79 S48-2.5 [Soil] Sampled 07/23/25 09:56 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 09:56	
Dry Weight	08/01/25 15:00	5	07/30/25 09:56	
T253130-80 S49-1.0 [Soil] Sampled 07/23/25 10:56 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 10:56	
Dry Weight	08/01/25 15:00	5	07/30/25 10:56	
T253130-81 S49-2.5 [Soil] Sampled 07/23/25 10:54 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 10:54	
Dry Weight	08/01/25 15:00	5	07/30/25 10:54	

Reviewed By

Date

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T253130

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Report To:
Terracon -- Sacramento
Sadie Bodiford
50 Goldenland Court, Suite 100
Sacramento, CA 95834

Date Due: 08/12/25 00:00 (12 day TAT)
Received By: Michael Leventhal
Date Received: 07/25/25 11:45
Logged In By: Alexis Marroquin
Date Logged In: 07/25/25 15:45

Samples Received at: **2.7°C**
Custody Seals No
Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T253130-01 S02-5N-1.0 [Soil] Sampled 07/23/25 13:27 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 13:27	Cd only
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 13:27	As only
Dry Weight	08/01/25 15:00	5	07/30/25 13:27	
T253130-02 S02-5N-2.5 [Soil] Sampled 07/23/25 13:31 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-03 S02-5E-1.0 [Soil] Sampled 07/23/25 13:20 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 13:20	Cd only
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 13:20	As only
Dry Weight	08/01/25 15:00	5	07/30/25 13:20	
T253130-04 S02-5E-2.5 [Soil] Sampled 07/23/25 13:25 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-05 S02-5W-1.0 [Soil] Sampled 07/23/25 11:33 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 11:33	Cd only
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 11:33	As only
Dry Weight	08/01/25 15:00	5	07/30/25 11:33	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T253130

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T253130-06 S02-5W-2.5 [Soil] Sampled 07/23/25 11:28 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-07 S08-5N-1.0 [Soil] Sampled 07/23/25 11:48 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:48	
Dry Weight	08/01/25 15:00	5	07/30/25 11:48	
T253130-08 S08-5N-2.5 [Soil] Sampled 07/23/25 11:46 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:46	
Dry Weight	08/01/25 15:00	5	07/30/25 11:46	
T253130-09 S08-5N-3.0 [Soil] Sampled 07/23/25 11:44 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-10 S08-5E-1.0 [Soil] Sampled 07/23/25 11:58 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:58	
Dry Weight	08/01/25 15:00	5	07/30/25 11:58	
T253130-11 S08-5E-2.5 [Soil] Sampled 07/23/25 11:56 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 11:56	
Dry Weight	08/01/25 15:00	5	07/30/25 11:56	
T253130-12 S08-5E-3.0 [Soil] Sampled 07/23/25 11:54 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-13 S10-5N-1.0 [Soil] Sampled 07/23/25 10:14 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 10:14	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 10:14	
T253130-14 S10-5N-2.5 [Soil] Sampled 07/23/25 10:12 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T253130

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T253130-15 S10-5E-1.0 [Soil] Sampled 07/23/25 11:16 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 11:16	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 11:16	
T253130-16 S10-5E-2.5 [Soil] Sampled 07/23/25 11:14 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-17 S10-5W-1.0 [Soil] Sampled 07/23/25 10:20 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 10:20	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 10:20	
T253130-18 S10-5W-2.5 [Soil] Sampled 07/23/25 10:18 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-19 S15-5N-1.0 [Soil] Sampled 07/23/25 10:38 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:38	As only
Cr6-7199	08/01/25 15:00	5	08/22/25 10:38	
Dry Weight	08/01/25 15:00	5	07/30/25 10:38	
T253130-20 S15-5N-2.5 [Soil] Sampled 07/23/25 10:36 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:36	As only
Dry Weight	08/01/25 15:00	5	07/30/25 10:36	
T253130-21 S15-5N-3.0 [Soil] Sampled 07/23/25 10:34 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-22 S15-5S-1.0 [Soil] Sampled 07/23/25 10:28 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:28	As only
Cr6-7199	08/01/25 15:00	5	08/22/25 10:28	
Dry Weight	08/01/25 15:00	5	07/30/25 10:28	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T253130

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T253130-23 S15-5S-2.5 [Soil] Sampled 07/23/25 10:26 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:26	As only
Dry Weight	08/01/25 15:00	5	07/30/25 10:26	
T253130-24 S15-5S-3.0 [Soil] Sampled 07/23/25 10:24 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-25 S15-5W-1.0 [Soil] Sampled 07/23/25 10:48 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:48	As only
Cr6-7199	08/01/25 15:00	5	08/22/25 10:48	
Dry Weight	08/01/25 15:00	5	07/30/25 10:48	
T253130-26 S15-5W-2.5 [Soil] Sampled 07/23/25 10:46 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 10:46	As only
Dry Weight	08/01/25 15:00	5	07/30/25 10:46	
T253130-27 S15-5W-3.0 [Soil] Sampled 07/23/25 10:44 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-28 S27-5N-1.0 [Soil] Sampled 07/23/25 13:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 13:00	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 13:00	
T253130-29 S27-5N-2.5 [Soil] Sampled 07/23/25 13:05 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-30 S27-5S-1.0 [Soil] Sampled 07/23/25 13:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 13:10	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 13:10	
T253130-31 S27-5S-2.5 [Soil] Sampled 07/23/25 13:15 (GMT-08:00) Pacific Time (US &				
6010 Pb	08/12/25 15:00	5	01/19/26 13:15	
Dry Weight	08/12/25 15:00	5	07/30/25 13:15	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T253130

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T253130-32 S27-5W-1.0 [Soil] Sampled 07/23/25 12:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 12:50	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 12:50	
T253130-33 S27-5W-2.5 [Soil] Sampled 07/23/25 12:55 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-34 S31-5N-1.0 [Soil] Sampled 07/23/25 08:46 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 08:46	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 08:46	
T253130-35 S31-5N-2.5 [Soil] Sampled 07/23/25 08:44 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-36 S31-5E-1.0 [Soil] Sampled 07/23/25 08:48 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 08:48	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 08:48	
T253130-37 S31-5E-2.5 [Soil] Sampled 07/23/25 08:51 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-38 S31-5W-1.0 [Soil] Sampled 07/23/25 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 08:40	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 08:40	
T253130-39 S31-5W-2.5 [Soil] Sampled 07/23/25 08:42 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-40 S32-5NE-1.0 [Soil] Sampled 07/23/25 08:59 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 08:59	As only
Dry Weight	08/01/25 15:00	5	07/30/25 08:59	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T253130

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T253130-41 S32-5NE-2.5 [Soil] Sampled 07/23/25 08:57 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 08:57	As only
Dry Weight	08/01/25 15:00	5	07/30/25 08:57	
T253130-42 S32-5NE-3.0 [Soil] Sampled 07/23/25 08:55 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-43 S32-5SE-1.0 [Soil] Sampled 07/23/25 09:24 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 09:24	As only
Dry Weight	08/01/25 15:00	5	07/30/25 09:24	
T253130-44 S32-5SE-2.5 [Soil] Sampled 07/23/25 09:22 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 09:22	As only
Dry Weight	08/01/25 15:00	5	07/30/25 09:22	
T253130-45 S32-5SE-3.0 [Soil] Sampled 07/23/25 09:20 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-46 S32-5NW-1.0 [Soil] Sampled 07/23/25 09:10 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 09:10	As only
Dry Weight	08/01/25 15:00	5	07/30/25 09:10	
T253130-47 S32-5NW-2.5 [Soil] Sampled 07/23/25 09:12 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/01/25 15:00	5	11/20/25 09:12	As only
Dry Weight	08/01/25 15:00	5	07/30/25 09:12	
T253130-48 S32-5NW-3.0 [Soil] Sampled 07/23/25 09:14 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-49 S33-5NE-1.0 [Soil] Sampled 07/23/25 09:42 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:42	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:42	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T253130

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T253130-50 S33-5NE-2.5 [Soil] Sampled 07/23/25 09:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:40	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:40	
T253130-51 S33-5NE-3.0 [Soil] Sampled 07/23/25 09:38 (GMT-08:00) Pacific Time (US &				
6010 Pb	08/12/25 15:00	5	01/19/26 09:38	
Dry Weight	08/12/25 15:00	5	07/30/25 09:38	
T253130-52 S33-5SE-1.0 [Soil] Sampled 07/23/25 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:50	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:50	
T253130-53 S33-5SE-2.5 [Soil] Sampled 07/23/25 09:48 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:48	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:48	
T253130-54 S33-5SE-3.0 [Soil] Sampled 07/23/25 09:46 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-55 S33-5SW-1.0 [Soil] Sampled 07/23/25 09:34 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:34	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:34	
T253130-56 S33-5SW-2.5 [Soil] Sampled 07/23/25 09:32 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 09:32	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 09:32	
T253130-57 S33-5SW-3.0 [Soil] Sampled 07/23/25 09:30 (GMT-08:00) Pacific Time (US &				
6010 Pb	08/12/25 15:00	5	01/19/26 09:30	
Dry Weight	08/12/25 15:00	5	07/30/25 09:30	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T253130

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T253130-58 S37-5N-1.0 [Soil] Sampled 07/23/25 12:04 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 12:04	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 12:04	
T253130-59 S37-5N-2.5 [Soil] Sampled 07/23/25 12:02 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-60 S37-5E-1.0 [Soil] Sampled 07/23/25 12:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 12:10	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 12:10	
T253130-61 S37-5E-2.5 [Soil] Sampled 07/23/25 12:08 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-62 S37-5S-1.0 [Soil] Sampled 07/23/25 12:18 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 12:18	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 12:18	
T253130-63 S37-5S-2.5 [Soil] Sampled 07/23/25 12:14 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-64 S37-5W-1.0 [Soil] Sampled 07/23/25 12:24 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	08/01/25 15:00	5	01/19/26 12:24	Pb only
Dry Weight	08/01/25 15:00	5	07/30/25 12:24	
T253130-65 S37-5W-2.5 [Soil] Sampled 07/23/25 12:22 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-66 S40-5N-1.0 [Soil] Sampled 07/23/25 11:08 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/12/25 15:00	5	11/20/25 11:08	Arsenic Only
Cr6-7199	08/01/25 15:00	5	08/22/25 11:08	
Dry Weight	08/01/25 15:00	5	07/30/25 11:08	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T253130

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T253130-67 S40-5N-2.5 [Soil] Sampled 07/23/25 11:06 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-68 S40-5E-1.0 [Soil] Sampled 07/23/25 11:22 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/12/25 15:00	5	11/20/25 11:22	Arsenic Only
Cr6-7199	08/01/25 15:00	5	08/22/25 11:22	
Dry Weight	08/01/25 15:00	5	07/30/25 11:22	
T253130-69 S40-5E-2.5 [Soil] Sampled 07/23/25 11:20 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-70 S40-5S-1.0 [Soil] Sampled 07/23/25 11:28 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/12/25 15:00	5	11/20/25 11:28	Arsenic Only
Cr6-7199	08/01/25 15:00	5	08/22/25 11:28	
Dry Weight	08/01/25 15:00	5	07/30/25 11:28	
T253130-71 S40-5S-2.5 [Soil] Sampled 07/23/25 11:26 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-72 S40-5W-1.0 [Soil] Sampled 07/23/25 11:36 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	08/12/25 15:00	5	11/20/25 11:36	Arsenic Only
Cr6-7199	08/01/25 15:00	5	08/22/25 11:36	
Dry Weight	08/01/25 15:00	5	07/30/25 11:36	
T253130-73 S40-5W-2.5 [Soil] Sampled 07/23/25 11:34 (GMT-08:00) Pacific Time (US &				**Hold**
[NO ANALYSES]				
T253130-74 S46-1.0 [Soil] Sampled 07/23/25 10:06 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 10:06	
Dry Weight	08/01/25 15:00	5	07/30/25 10:06	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T253130

Client: Terracon -- Sacramento
Project: Frank Otis Elementary School
Project Manager: Jeff Lee
Project Number: NA247141

Analysis	Due	TAT	Expires	Comments
T253130-75 S46-2.5 [Soil] Sampled 07/23/25 10:04 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 10:04	
Dry Weight	08/01/25 15:00	5	07/30/25 10:04	
T253130-76 S47-1.0 [Soil] Sampled 07/23/25 12:40 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 12:40	
Dry Weight	08/01/25 15:00	5	07/30/25 12:40	
T253130-77 S47-2.5 [Soil] Sampled 07/23/25 12:45 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 12:45	
Dry Weight	08/01/25 15:00	5	07/30/25 12:45	
T253130-78 S48-1.0 [Soil] Sampled 07/23/25 09:58 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 09:58	
Dry Weight	08/01/25 15:00	5	07/30/25 09:58	
T253130-79 S48-2.5 [Soil] Sampled 07/23/25 09:56 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 09:56	
Dry Weight	08/01/25 15:00	5	07/30/25 09:56	
T253130-80 S49-1.0 [Soil] Sampled 07/23/25 10:56 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 10:56	
Dry Weight	08/01/25 15:00	5	07/30/25 10:56	
T253130-81 S49-2.5 [Soil] Sampled 07/23/25 10:54 (GMT-08:00) Pacific Time (US &				
Cr6-7199	08/01/25 15:00	5	08/22/25 10:54	
Dry Weight	08/01/25 15:00	5	07/30/25 10:54	

Reviewed By

Date