

Supplemental Site Investigation for Lead-Impacted Soil

Wood Middle School

420 Grand Street

Alameda, Alameda County, California 94501

July 25, 2025

Terracon Project No: NB257123

EnviroStor Case No. 60003799

Prepared for:

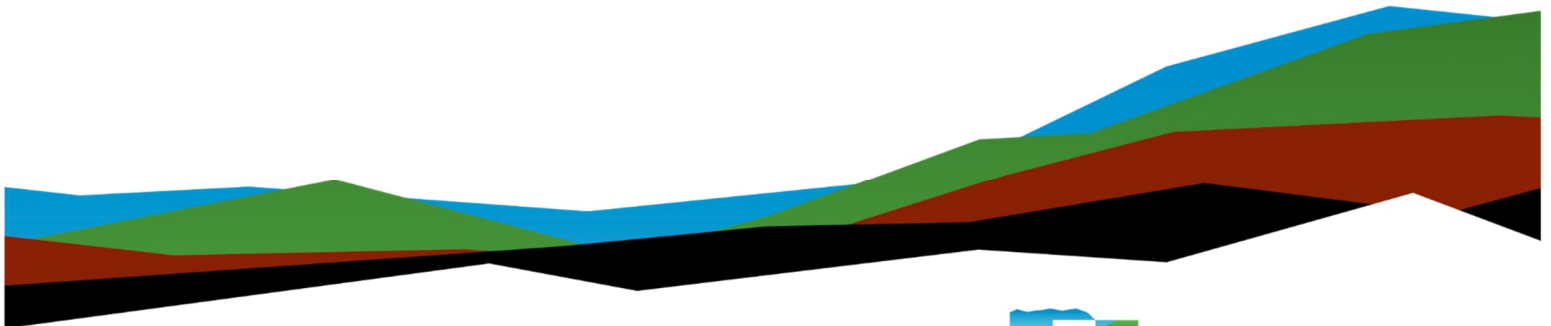
Alameda Unified School District

Alameda, California 94501

and

Department of Toxic Substances Control,

Sacramento, California



Prepared by:
Terracon Consultants, Inc.
Sacramento, California



Nationwide
[Terracon.com](https://www.terracon.com)

- Facilities
- Environmental
- Geotechnical
- Materials



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Sacramento, California 95834-2425
P 916-928-4690
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July 25, 2025

Department of Toxic Substances Control
Site Mitigation and Restoration Program
8800 Cal Center Drive
Sacramento, California 95826

On behalf of:
Alameda Unified School District
2060 Challenger Drive
Alameda, California 94501

Attn: Ms. Lisa Holcomb
P: 916-255-6523
E: lisa.holcomb@dtsc.ca.gov

Re: Supplemental Site Investigation for Lead-Impacted Soil
Wood Middle School
420 Grand Street
Alameda, Alameda County, California 94501
EnviroStor Case No. 60003799
Terracon Project No. NB257123

Dear Ms. Holcomb:

On behalf of the Alameda Unified School District (AUSD), Terracon has prepared this Supplemental Site Investigation (SSI) for Lead-Impacted Soil for the above-referenced site in Alameda, California. This report was prepared in general accordance with the *Technical Memorandum for Addressing Lead-Impacted Soil*, prepared by ACC Environmental Consultants (ACC), dated November 18, 2024 and the *Soil Investigation Work Plan (Rev 1)*, prepared by ACC, dated February 13, 2025, which were approved by the DTSC on February 14, 2025.

Should you have any questions or require additional information, please do not hesitate to contact our office at 916-246-5080.

Sincerely,
Terracon Consultants, Inc.



Sadie Bodiford
Project Manager



Joe Rosenbery, P.G.
Environmental Department Manager

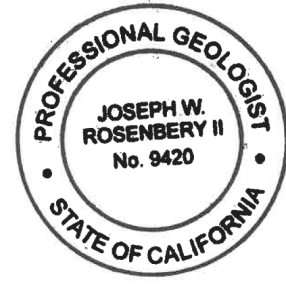


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Supplemental Site Investigation for Lead-Impacted Soils

Wood Middle School
420 Grand Street
Alameda, Alameda County, California

Terracon Project No. NB257123

EnviroStor Case No. 60003799

July 25, 2025

1.0 Introduction

The site consists of an approximately 5.4-acre portion of Alameda County Assessor Parcel Numbers (APNs) 17-1250-1-5. Based on the site history provided in ACC Environmental Consultants' (ACC) *Phase I Environmental Site Assessment* (ACC Project No. 3007-171-00, dated March 5, 2024) (ACC 2024a), the site and adjoining properties consisted of a portion of the San Francisco Bay from as early as 1895 and were part of the South Shore Reclamation Project in the 1950s, which included the import of fill material for the site and surrounding areas. The site and adjoining properties were developed as school property, residential neighborhoods, and open spaces in the 1960s, and the adjoining properties have remained relatively unchanged to the present day. As of November 2024, the site is currently undergoing redevelopment with a new middle school campus.

Based on the findings of ACC's Phase I ESA, lead-based paint (LBP) associated with former school structures was identified as a contaminant of potential concern (COPC). ACC conducted a subsurface investigation (*Phase I ESA Addendum*, ACC Environmental Consultants, Project No. 3007-171.01, dated May 23, 2024) (ACC 2024b), which included the collection of soil samples at depths ranging from the ground surface to 4 feet below grade surface (bgs). Sample location, ACCB17, was reported with 200 milligrams per kilogram (mg/kg), which exceeds the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk office (HERO) Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC-SLs) for residential/unrestricted land use of 80 mg/kg (DTSC 2022). ACC conducted step-out sampling around ACCB18 in September 2024 to further delineate the extent of lead in surface soils.

The results of the step-out sampling were detailed in ACC's *Technical Memorandum for Addressing Lead-Impacted Soil*, dated November 18, 2024 (ACC Project No. 3007-171.02 (ACC 2024c). Fifteen step-out borings were completed around ACCB18 and soil

samples were collected from the surface, 1.0 foot bgs, and 2.0 feet bgs. The soil samples analyzed were reported with lead concentrations up to 66 mg/kg, below the residential DTSC-SL of 80 mg/kg. To address the lead exceedances in ACCB18, ACC recommended the excavation of soils surrounding the sample located for an area of approximately 100 square feet (ft²) and 1 foot in depth.

The work described herein was completed in general accordance with *Technical Memorandum for Addressing Lead-Impacted Soil (ACC 2024c)* and the *Soil Investigation Work Plan (Rev 1)*, dated February 13, 2025 (ACC Project No. 3007-171.03) (ACC 2025), which were approved by the DTSC Case Manager, Lisa Holcomb, by email on February 14, 2025.

2.0 Pre-Fieldwork Activities

2.1 Commitment to Safety

Prior to the commencement of on-site activities, Terracon held tailgate safety meetings to review site-specific job hazards and health and safety needs for the specific phase of the project. Prior to engaging in new on-site activities or tasks, potential job hazards and appropriate safe working procedures were re-evaluated as part of our Pre-Task Planning process.

Terracon performed fieldwork in Level D work personal protective equipment (PPE) consisting of hard hats, safety glasses, Hi-Viz safety vest, protective gloves, hearing protection, and steel-toed boots. Subcontractors involved in the excavation of lead-impacted soils performed the work in Level C PPE, which included Level D PPE and disposable chemical-resistant splash suits and air respirators.

2.2 Utility Locate

Terracon contacted Utility Service Alert (USA) 811 North to notify participating utility companies of our intent to advance soil borings and construct monitoring wells at the site. Terracon marked the general area of the proposed excavation and notified USA 811 North at least 72 hours prior to beginning fieldwork. The USA ticket was maintained for the life of the project and did not require renewal to extend the utility clearance.

3.0 Field Activities

3.1 Excavation and Confirmation Soil Sampling

On May 19, 2025, Terracon oversaw the excavation of an approximately 22-foot by 15-foot area, 1 foot in depth, around sample location ACCB18. The excavation work was completed by Professional Asbestos & Lead Services, LLC (PALS) of Stockton, California.

After excavation activities, Terracon collected five (5) confirmation samples from the floor of the excavation to approximately 0.5 feet below the excavation floor (~1.5 feet bgs). Eight (8) confirmation samples were collected from the approximate middle depth of the excavation sidewalls (~0.5 feet bgs). The western boundary of the excavation was extended up to the concrete pad of an electrical transformer. The concrete pad extended deeper than the total depth of the lead excavation area, and therefore, a sidewall sample could not be obtained from a portion of the western sidewall. In place of a mid-point sidewall sample, Terracon collected a soil sample from the floor of the excavation along the west sidewall (Sample ID CSB06).

Confirmation soil samples were extracted using a hand trowel and placed directly into a laboratory-supplied glass sample container. Terracon donned new disposable nitrile gloves before the collection of each sample. The trowel used to extract the sample was decontaminated between sample collections using a three-stage system consisting of 1) scrubbing with distilled water and Alconox surfactant, 2) scrubbing with distilled water, and 3) final rinse with distilled water.

Each sample container was labeled with the project number, date, time, boring number, and sample number. Sample containers were placed in a chilled cooler immediately after sampling, and subsequently transported to SunStar Laboratories, a California Environmental Laboratory Accreditation Program (ELAP)-certified laboratory under strict chain-of-custody procedures.

3.2 Investigation Derived Wastes

Excavated soils were stockpiled onto polyethylene sheeting and covered with a layer of polyethylene sheeting, then surrounded with straw wattles for stormwater protection. Terracon collected a four-point composite soil sample that was submitted for laboratory analysis for waste characterization purposes, which indicated that the stockpiled soils could be classified as non-hazardous waste for disposal.

The stockpiled soil generated from the SSI was off-hauled by Grewal Freightlines, Inc. on July 21, 2025. The stockpile totaled approximately 13 cubic yards and was transported to

Keller Canyon Landfill in Pittsburg, California. A copy of the waste manifest is included in Appendix B.

4.0 Data Evaluation

4.1 Laboratory Analytical Methods

Confirmation soil samples were submitted for laboratory analysis of 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, matrix spike duplicate recovery, and method reporting limits. Based on our interpretation of the quality control information provided by the laboratory, it is our opinion that the overall dataset is qualified as usable for this report.

4.2 Screening Criteria

Soil analytical results were compared to the Department of Toxic Substances Control (DTSC) Screening Levels (SLs), established in May 2022. 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, 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.

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.

4.3 Laboratory Analytical Results

Lead was reported above laboratory reporting limits (RLs) in 10 of the 13 soil samples analyzed and at concentrations ranging from 3.2 to 37 mg/kg. The reported lead concentrations are below the residential DTSC-SL of 80 mg/kg and the commercial/industrial DTSC-SL of 500 mg/kg.

4.4 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 RLs with the laboratory that meet data quality objectives (DQOs) established by the DTSC SLs;
- 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.

No significant discrepancies or data failures are noted, and the data is considered to substantially meet DQOs. Any discrepancy in the laboratory QC/QA is noted in the laboratory report, which is included as Appendix D.

5.0 Conclusions and Recommendations

Residual lead concentrations in soils within the excavated area around ACC sample location ACCB18 are below the residential DTSC-SL of 80 mg/kg. No further investigation for lead in on-site soils is recommended.

6.0 References

ACC Environmental Consultants, Inc., 2024a, *Phase I Environmental Site Assessment*, Wood Middle School, 420 Grand Street, Alameda, California, ACC Project Number 3007-171.00, March 5, 2024.

ACC Environmental Consultants, Inc., 2024b, *Phase I ESA Addendum*, Wood Middle School, 420 Grand Street, Alameda, California, ACC Project No. 3007-171.01, dated May 23, 2024

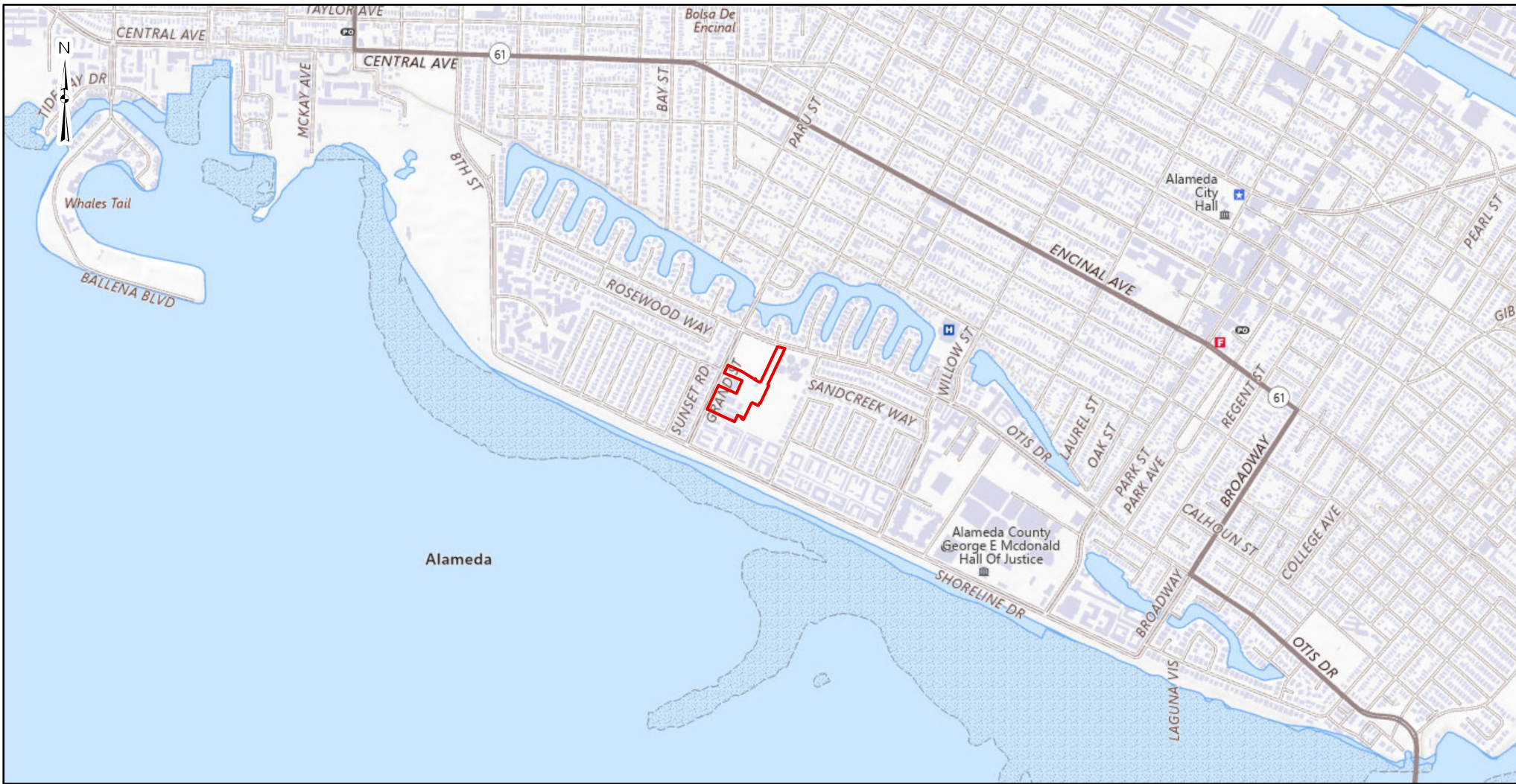
ACC Environmental Consultants, Inc., 2024c, *Technical Memorandum for Addressing Lead-Impacted Soil*, Wood Middle School, 420 Grand Street, Alameda, California, ACC Project No. 3007-171.02, November 18, 2024.

ACC Environmental Consultants, Inc., 2025, *Soil Investigation Work Plan (REV1)*, Wood Middle School New Construction Project, 420 Grand Street, Alameda, California, ACC Project No. 3007-171.03, February 13, 2025.

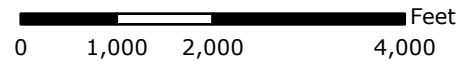
California Department of Toxic Substances Control, 2022, *Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels*, dated June 2020, revised May 2022.

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

Attachments



Approximate Site Boundary



Project No.: NB257123
 Date: 07/24/2025
 Drawn By: SMB
 Reviewed By: JR



50 Goldenland Ct., Ste. 100 Sacramento, CA 95834
 PH. (916) 928-4690 terracon.com

TOPOGRAPHIC MAP

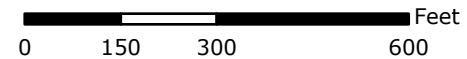
WOOD MIDDLE SCHOOL
 420 GRAND STREET
 ALAMEDA, ALAMEDA COUNTY, CALIFORNIA

Exhibit

1



Approximate Site Boundary



Project No.:
NB257123
Date:
07/24/2025
Drawn By:
SMB
Reviewed By:
JR



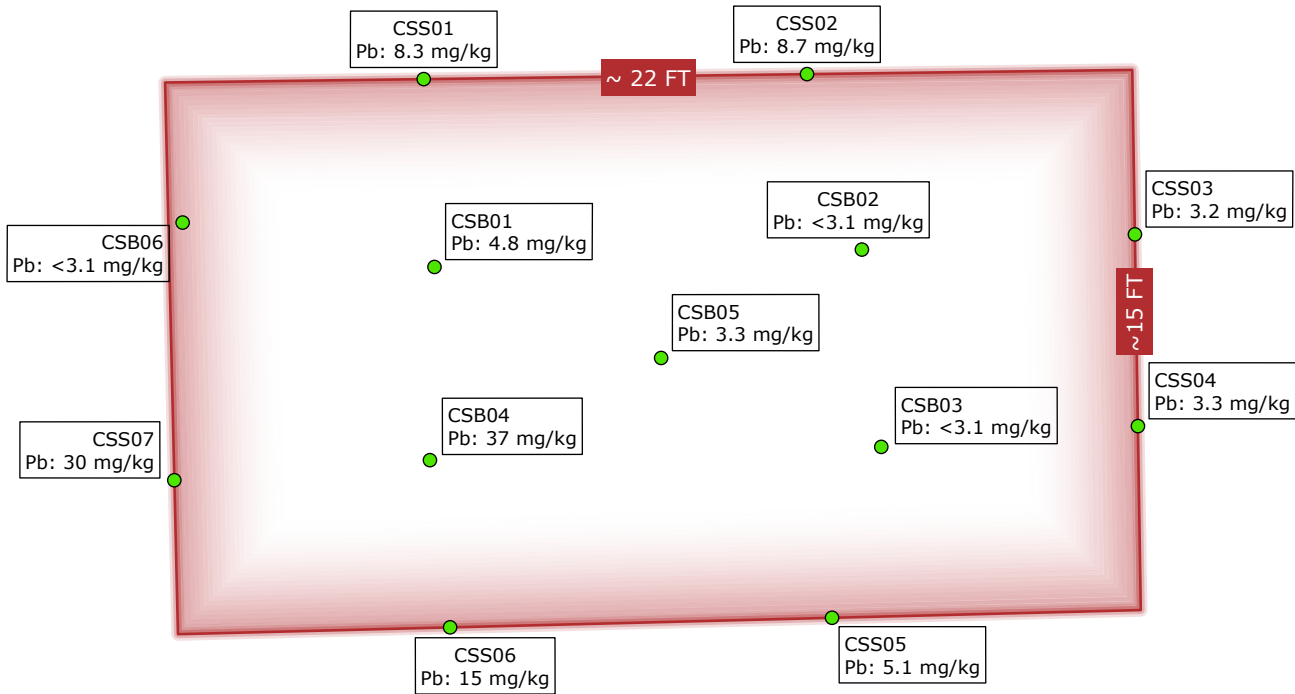
50 Goldenland Ct., Ste. 100 Sacramento, CA 95834
PH. (916) 928-4690 terracon.com

SITE DIAGRAM

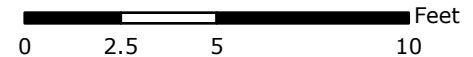
WOOD MIDDLE SCHOOL
420 GRAND STREET
ALAMEDA, ALAMEDA COUNTY, CALIFORNIA

Exhibit

2



- Approximate Location of Soil Sample
- Approximate Area of Excavation



- Notes:
1. Pb - Lead reported in milligrams per kilogram (mg/kg)
 2. <## - Concentration not detected above laboratory reporting limits

Project No.:
NB257123
Date:
07/24/2025
Drawn By:
SMB
Reviewed By:
JR



50 Goldenland Ct., Ste. 100 Sacramento, CA 95834
PH. (916) 928-4690 terracon.com

SOIL SAMPLING LOCATIONS

WOOD MIDDLE SCHOOL
420 GRAND STREET
ALAMEDA, ALAMEDA COUNTY, CALIFORNIA

Exhibit

3



DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION
PURPOSES

Project No.	NB257123
Scale:	AS SHOWN
Client:	ALAMEDA UNIFIED SCHOOL DISTRICT
Date:	JULY 2025

Terracon
 50 Goldenland Court, Suite 100
 Sacramento, California 95834-2425

FIELD SAMPLING OVERVIEW
WOOD MIDDLE SCHOOL 420 GRAND STREET ALAMEDA, ALAMEDA COUNTY, CALIFORNIA

Exhibit
4

Table 1 - Summary of Soil Analytical Results

Wood Middle School
 420 Grand Street, Alameda, Alameda County, California
 Terracon Project No. NB257123

Sample ID:	Units	Screening Levels ^(1,2,3)				CSB01	CSB02	CSB03	CSB04	CSB05	CSB06	CSS01	CSS02	CSS03	CSS04	CSS05	CSS06	CSS07	
Sample Interval (ft bgs)		Residential Cancer Risk	Residential Non-Cancer Hazard	Commercial / Industrial Cancer Risk	Commercial / Industrial Non-Cancer Hazard	1-1.5	1-1.5	1-1.5	1-1.5	1-1.5	1-1.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
Sample Date:		5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025	5/19/2025
Analyte:		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
California Administrative Manual (CAM) 17 Metals by EPA Methods 6010B/7471A and Hexavalent Chromium by EPA Method 7199																			
Lead	mg/kg	--	80	--	500	4.8	<3.1	<3.1	37	3.3	<3.1	8.3	8.7	3.2	3.3	5.1	15	30	

Notes:

⁽¹⁾ Values in Black = Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (SLs) for Ambient Air, published June 2020, revised May 2022.

⁽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 July 2025 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

Appendix A – Photolog



Photo #1 General view of the area prior to excavation.



Photo #2 View of soil excavation and soil removal.



Photo #3 View of excavated area and sample locations.



Photo #4 View of generated soil stockpile.

Appendix B – Waste Manifest



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4235117

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. <input type="checkbox"/> Generator's US EPA ID Number N/A		a. <input type="checkbox"/> Generator's State ID Number		b. Manifest Document Number		c. Page 1 of 1		
d. Generator's Name and Location: Alameda Unified School District 420 Grand Street Alameda, CA 94501 510-337-7000				e. Generator's Mailing Address: Alameda Unified School District 2060 Challenger Drive Alameda, CA 94501 510-337-7000				
f. Phone: Alameda, CA 94501 510-337-7000				g. Phone: Alameda, CA 94501 510-337-7000				
If owner of the generating facility differs from the generator, provide:								
h. Owner's Name:				i. Owner's Phone No.:				
j. Waste Profile #		k. Exp. Date	l. Waste Shipping Name and Description		m. Containers No. Type		n. Total Quantity	o. Unit Wt/Vol
42122510043		06/20/2026	Soil		1 DT		13	Y
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.								
x Armando Perez			x <i>[Signature]</i>			07-21-25		
p. Generator Authorized Agent Name (Print)			q. Signature			r. Date		

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: GREWAL FRIEGHTLINE'S		Truck # 670	
b. Phone: 510-501-1593		Lic # 71854V3	
c. Driver Name (Print): NEERAJ KUMAR		e. Date: 07-21-2025	
d. Signature: <i>[Signature]</i>			

III. DESTINATION (Generator complete IIIa-c and Destination Site completes III d-g)

a. Disposal Facility and Site Address: Keller Canyon Landfill 901 Bailey Rd. Pittsburg, CA 94565 925-458-9800		c. US EPA Number	d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print)		f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both		% Friable	% Non-Friable
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	i. Date
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

DESTINATION RETURN

Appendix C – Laboratory Analytical Data Reports and Chain-of-Custody



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

22 May 2025

Sadie Bodiford
Terracon -- Sacramento
50 Goldenland Court, Suite 100
Sacramento, CA 95834
RE: Wood Middle School

Enclosed are the results of analyses for samples received by the laboratory on 05/20/25 11:57. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeff Lee
Project Manager



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

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

Project: Wood Middle School
 Project Number: NB257123
 Project Manager: Sadie Bodiford

Reported:
 05/22/25 17:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CSB01	T252183-01	Soil	05/19/25 09:48	05/20/25 11:57
CSB02	T252183-02	Soil	05/19/25 09:55	05/20/25 11:57
CSB03	T252183-03	Soil	05/19/25 10:03	05/20/25 11:57
CSB04	T252183-04	Soil	05/19/25 10:10	05/20/25 11:57
CSB05	T252183-05	Soil	05/19/25 10:15	05/20/25 11:57
CSB06	T252183-06	Soil	05/19/25 11:10	05/20/25 11:57
CSS01	T252183-07	Soil	05/19/25 10:25	05/20/25 11:57
CSS02	T252183-08	Soil	05/19/25 10:30	05/20/25 11:57
CSS03	T252183-09	Soil	05/19/25 10:35	05/20/25 11:57
CSS04	T252183-10	Soil	05/19/25 10:40	05/20/25 11:57
CSS05	T252183-11	Soil	05/19/25 10:50	05/20/25 11:57
CSS06	T252183-12	Soil	05/19/25 10:55	05/20/25 11:57
CSS07	T252183-13	Soil	05/19/25 11:00	05/20/25 11:57

SunStar Laboratories, Inc.

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.

Jeff Lee, Project Manager

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

Project: Wood Middle School
Project Number: NB257123
Project Manager: Sadie Bodiford

Reported:
05/22/25 17:21

DETECTIONS SUMMARY

Sample ID: CSB01		Laboratory ID: T252183-01				
Analyte	Result	Reporting Limit	Units	Method	Notes	
Lead	4.8	3.2	µg/kg dry wt. dr	EPA 6010b		
% Solids	94.4		%	% calculation		
Sample ID: CSB02		Laboratory ID: T252183-02				
Analyte	Result	Reporting Limit	Units	Method	Notes	
% Solids	95.4		%	% calculation		
Sample ID: CSB03		Laboratory ID: T252183-03				
Analyte	Result	Reporting Limit	Units	Method	Notes	
% Solids	95.6		%	% calculation		
Sample ID: CSB04		Laboratory ID: T252183-04				
Analyte	Result	Reporting Limit	Units	Method	Notes	
Lead	37	3.1	µg/kg dry wt. dr	EPA 6010b		
% Solids	95.3		%	% calculation		
Sample ID: CSB05		Laboratory ID: T252183-05				
Analyte	Result	Reporting Limit	Units	Method	Notes	
Lead	3.3	3.1	µg/kg dry wt. dr	EPA 6010b		
% Solids	96.4		%	% calculation		
Sample ID: CSB06		Laboratory ID: T252183-06				
Analyte	Result	Reporting Limit	Units	Method	Notes	

SunStar Laboratories, Inc.



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.

Jeff Lee, Project Manager

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

Project: Wood Middle School
Project Number: NB257123
Project Manager: Sadie Bodiford

Reported:
05/22/25 17:21

Sample ID: CSB06

Laboratory ID: T252183-06

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
% Solids	95.2			%	% calculation	

Sample ID: CSS01

Laboratory ID: T252183-07

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	8.3	3.2		µg/kg dry wt. dt	EPA 6010b	
% Solids	93.6			%	% calculation	

Sample ID: CSS02

Laboratory ID: T252183-08

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	8.7	3.3		µg/kg dry wt. dt	EPA 6010b	
% Solids	91.0			%	% calculation	

Sample ID: CSS03

Laboratory ID: T252183-09

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	3.2	3.1		µg/kg dry wt. dt	EPA 6010b	
% Solids	95.7			%	% calculation	

Sample ID: CSS04

Laboratory ID: T252183-10

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	3.3	3.1		µg/kg dry wt. dt	EPA 6010b	
% Solids	96.9			%	% calculation	

Sample ID: CSS05

Laboratory ID: T252183-11

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	5.1	3.1		µg/kg dry wt. dt	EPA 6010b	
% Solids	97.9			%	% calculation	

SunStar Laboratories, Inc.



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Jeff Lee, Project Manager



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

Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	-----------------------------

CSB01
T252183-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	4.8	3.2	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
-------------	------------	-----	-------------------	---	---------	----------	----------	-----------	--

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	94.4		%	1	25E0385	05/21/25	05/22/25	% calculation	
-----------------	-------------	--	---	---	---------	----------	----------	---------------	--

SunStar Laboratories, Inc.

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Jeff Lee, Project Manager



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 949.297.5027 Fax

Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	-----------------------------

CSB02
T252183-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	ND	3.1	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
------	----	-----	-------------------	---	---------	----------	----------	-----------	--

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	95.4		%	1	25E0385	05/21/25	05/22/25	% calculation	
----------	------	--	---	---	---------	----------	----------	---------------	--

SunStar Laboratories, Inc.

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Jeff Lee, Project Manager



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 949.297.5027 Fax

Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	-----------------------------

CSB03
T252183-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	ND	3.1	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
------	----	-----	-------------------	---	---------	----------	----------	-----------	--

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	95.6		%	1	25E0385	05/21/25	05/22/25	% calculation	
----------	------	--	---	---	---------	----------	----------	---------------	--

SunStar Laboratories, Inc.

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Jeff Lee, Project Manager



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 949.297.5020 Phone
 949.297.5027 Fax

Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	-----------------------------

CSB04
T252183-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	37	3.1	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
------	----	-----	-------------------	---	---------	----------	----------	-----------	--

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	95.3		%	1	25E0385	05/21/25	05/22/25	% calculation	
----------	------	--	---	---	---------	----------	----------	---------------	--

SunStar Laboratories, Inc.

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Jeff Lee, Project Manager



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 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	-----------------------------

CSB05
T252183-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	3.3	3.1	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
------	-----	-----	-------------------	---	---------	----------	----------	-----------	--

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	96.4		%	1	25E0385	05/21/25	05/22/25	% calculation	
----------	------	--	---	---	---------	----------	----------	---------------	--

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Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	------------------------------------

CSB06
T252183-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	ND	3.1	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
------	----	-----	-------------------	---	---------	----------	----------	-----------	--

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	95.2		%	1	25E0385	05/21/25	05/22/25	% calculation	
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Jeff Lee, Project Manager



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 949.297.5027 Fax

Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	------------------------------------

CSS01
T252183-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	8.3	3.2	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
-------------	------------	-----	-------------------	---	---------	----------	----------	-----------	--

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	93.6		%	1	25E0385	05/21/25	05/22/25	% calculation	
-----------------	-------------	--	---	---	---------	----------	----------	---------------	--

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Jeff Lee, Project Manager



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 949.297.5027 Fax

Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	-----------------------------

CSS02
T252183-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	8.7	3.3	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	91.0		%	1	25E0385	05/21/25	05/22/25	% calculation	
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 949.297.5027 Fax

Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	-----------------------------

CSS03
T252183-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	3.2	3.1	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	95.7		%	1	25E0385	05/21/25	05/22/25	% calculation	
-----------------	-------------	--	---	---	---------	----------	----------	---------------	--

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Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	-----------------------------

CSS04
T252183-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	3.3	3.1	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	96.9		%	1	25E0385	05/21/25	05/22/25	% calculation	
-----------------	-------------	--	---	---	---------	----------	----------	---------------	--

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Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	------------------------------------

CSS05
T252183-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	5.1	3.1	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
-------------	------------	-----	-------------------	---	---------	----------	----------	-----------	--

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	97.9		%	1	25E0385	05/21/25	05/22/25	% calculation	
-----------------	-------------	--	---	---	---------	----------	----------	---------------	--

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 Lake Forest, California 92630
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Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	------------------------------------

CSS06
T252183-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	15	3.1	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	97.7		%	1	25E0385	05/21/25	05/22/25	% calculation	
-----------------	-------------	--	---	---	---------	----------	----------	---------------	--

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Jeff Lee, Project Manager



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

Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	------------------------------------

CSS07
T252183-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6010B

Lead	30	3.1	mg/kg dry wt. dry	1	25E0388	05/21/25	05/22/25	EPA 6010b	
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Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	95.5		%	1	25E0385	05/21/25	05/22/25	% calculation	
-----------------	-------------	--	---	---	---------	----------	----------	---------------	--

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Jeff Lee, Project Manager



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 Lake Forest, California 92630
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 949.297.5027 Fax

Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	-----------------------------

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
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Batch 25E0388 - EPA 3050B

Blank (25E0388-BLK1) Prepared: 05/21/25 Analyzed: 05/22/25

Lead	ND	3.0	mg/kg dry wt. wet							
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LCS (25E0388-BS1) Prepared: 05/21/25 Analyzed: 05/22/25

Lead	98.6	3.0	mg/kg dry wt. wet	100		98.6	75-125			
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Matrix Spike (25E0388-MS1) Source: T252183-01 Prepared: 05/21/25 Analyzed: 05/22/25

Lead	79.7	3.2	mg/kg dry wt. dry	106	4.76	70.8	75-125			QM-07
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Matrix Spike Dup (25E0388-MSD1) Source: T252183-01 Prepared: 05/21/25 Analyzed: 05/22/25

Lead	77.7	3.2	mg/kg dry wt. dry	106	4.76	68.9	75-125	2.56	20	QM-07
------	------	-----	-------------------	-----	------	------	--------	------	----	-------

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 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/22/25 17:21
--	--	-----------------------------

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 25E0385 - General Preparation

Duplicate (25E0385-DUP1)	Source: T252182-01		Prepared: 05/21/25 Analyzed: 05/22/25							
% Solids	94.3		%		94.5			0.201	20	

SunStar Laboratories, Inc.

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Jeff Lee, Project Manager



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949.297.5020 Phone
949.297.5027 Fax

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

Project: Wood Middle School
Project Number: NB257123
Project Manager: Sadie Bodiford

Reported:
05/22/25 17:21

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.

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Jeff Lee, Project Manager



CHAIN OF CUSTODY RECORD T252183

Office Location 50 Goldenland Ct, Ste 100, Sacramento, CA

Project Manager Sadie Bodiford

Sampler's Name Santiago Calderon Sierra

Project Number NB257123

Project Name Wood Middle School

Laboratory: _____
Address: _____
Phone: (916) 246-5080
Contact: sadie.bodiford@terracon.com
PO/SO #: _____

Sampler's Signature S. Calderon

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	9oz Jar	No. Type of Containers	Lead by EPA Method 6010	Lab Sample ID
S	5/19/25	09:48		X	CSB01	1	1.5	1		X	1
		09:55		X	CSB02	1	1.5	1		X	2
		10:03		X	CSB03	1	1.5	1		X	3
		10:10		X	CSB04	1	1.5	1		X	4
		10:15		X	CSB05	1	1.5	1		X	5
		11:10		X	CSB06	1	1.5	1		X	6
		10:25		X	CSB01	0.5	0.5	1		X	7
		10:30		X	CSB02	0.5	0.5	1		X	8
		10:35		X	CSB03	0.5	0.5	1		X	9
		10:40		X	CSB04	0.5	0.5	1		X	10

TURNAROUND TIME Normal 48-Hour Rush 24-Hour Rush

TRRP Laboratory Review Checklist Yes No

Relinquished by (Signature) S. Calderon Date: 5/19/25 Time: 14:33 Received by (Signature) S. Bodiford Date: 5/19/25 Time: 14:33

Relinquished by (Signature) GLS Date: 5/19/2025 Time: 1545 Received by (Signature) GLS/Mattias Date: 5/19/25 Time: 11:57

Relinquished by (Signature) _____ Date: _____ Time: _____ Received by (Signature) _____ Date: _____ Time: _____

NOTES:
Please send confirmation/results to:
sadie.bodiford@terracon.com;
santiago.calderonsierra@terracon.com
Report on a dry weight basis.

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 _____

Sacramento Office ■ 50 Goldenland Ct. ■ Sacramento, CA 95834 ■ Office: 916-928-4690 ■ Fax: 916-928-4697
Responsive ■ Resourceful ■ Reliable



Office Location 50 Goldenland Ct, Ste 100, Sacramento, CA

Project Manager Sadie Bodiford

Sampler's Name Santiago Calderon Sierra

Project Number NB257123

Project Name Wood Middle School

Laboratory:
Address:

Phone: (916) 246-5080
Contact: sadie.bodiford@terracon.com
PO/SO #:

Sampler's Signature

Santiago Calderon

ANALYSIS REQUESTED

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

Page 2 of 2

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	9oz Jar	No. Type of Containers	Lead by EPA Method 6010	Lab Sample ID
S	5/19/25	10:50		X	CS S05	0.5	0.5	1		X	11
		10:55		X	CS S06	0.5	0.5	1		X	12
		11:00		X	CS S07	0.5	0.5	1		X	13

TURNAROUND TIME Normal 48-Hour Rush 24-Hour Rush **TRRP Laboratory Review Checklist** Yes No

Redesignated by (Signature) *S Calderon* Date: 5/19/25 Time: 14:33 Received by (Signature) *S Bodiford* Date: 5/19/25 Time: 14:33

Redesignated by (Signature) *S Calderon* Date: 5/19/25 Time: 15:45 Received by (Signature) *GLS/MATTHEWS* Date: 5/19/25 Time: 11:57

Redesignated by (Signature) *GLS* Date: _____ Time: _____ Received by (Signature) *GLS* Date: 5/19/25 Time: 11:57

Redesignated by (Signature) _____ Date: _____ Time: _____ Received by (Signature) _____ Date: _____ Time: _____

Redesignated by (Signature) _____ Date: _____ Time: _____ Received by (Signature) _____ Date: _____ Time: _____

NOTES:
Please send confirmation/results to:
sadie.bodiford@terracon.com;
santiago.calderonsierra@terracon.com
Report on a dry weight basis.

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

Container VOA - 40 ml vial N/G - Amber Glass 1L 250 ml - Glass wide mouth P/O - Plastic or other _____

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SLC

CHAIN OF CUSTODY RECORD T252183

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T252183

Client Name: Terracon Project: Wood Middle 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: 5/20/25 11:57

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

Temperature: Cooler #1	5.7 °C +/- the CF (+ 0.1°C) =	5.8 °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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
If NO:		
Samples received on ice?	<input type="checkbox"/> Yes	<input type="checkbox"/> No → Complete Non-Conformance Sheet
If on ice, samples received same day collected?	<input type="checkbox"/> Yes → Acceptable	<input type="checkbox"/> 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: PB 5/20/25

Comments:

WORK ORDER

T252183

Client: Terracon -- Sacramento
Project: Wood Middle School

Project Manager: Jeff Lee
Project Number: NB257123

Report To:

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

Date Due: 05/22/25 17:00 (2 day TAT)

Received By: Paul Berner

Date Received: 05/20/25 11:57

Logged In By: Karina Ortiz

Date Logged In: 05/20/25 12:28

Samples Received at: **5.8°C**
Custody Seals Yes Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirmed No

Analysis	Due	TAT	Expires	Comments
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T252183-01 CSB01 [Soil] Sampled 05/19/25 09:48 (GMT-08:00) Pacific Time
(US &

6010 Pb	05/22/25 15:00	2	11/15/25 09:48	
Dry Weight	05/22/25 15:00	2	05/26/25 09:48	

T252183-02 CSB02 [Soil] Sampled 05/19/25 09:55 (GMT-08:00) Pacific Time
(US &

6010 Pb	05/22/25 15:00	2	11/15/25 09:55	
Dry Weight	05/22/25 15:00	2	05/26/25 09:55	

T252183-03 CSB03 [Soil] Sampled 05/19/25 10:03 (GMT-08:00) Pacific Time
(US &

6010 Pb	05/22/25 15:00	2	11/15/25 10:03	
Dry Weight	05/22/25 15:00	2	05/26/25 10:03	

T252183-04 CSB04 [Soil] Sampled 05/19/25 10:10 (GMT-08:00) Pacific Time
(US &

6010 Pb	05/22/25 15:00	2	11/15/25 10:10	
Dry Weight	05/22/25 15:00	2	05/26/25 10:10	

T252183-05 CSB05 [Soil] Sampled 05/19/25 10:15 (GMT-08:00) Pacific Time
(US &

6010 Pb	05/22/25 15:00	2	11/15/25 10:15	
Dry Weight	05/22/25 15:00	2	05/26/25 10:15	

WORK ORDER

T252183

Client: Terracon -- Sacramento	Project Manager: Jeff Lee
Project: Wood Middle School	Project Number: NB257123

Analysis	Due	TAT	Expires	Comments
T252183-06 CSB06 [Soil] Sampled 05/19/25 11:10 (GMT-08:00) Pacific Time				
(US &				
6010 Pb	05/22/25 15:00	2	11/15/25 11:10	
Dry Weight	05/22/25 15:00	2	05/26/25 11:10	
T252183-07 CSS01 [Soil] Sampled 05/19/25 10:25 (GMT-08:00) Pacific Time				
(US &				
6010 Pb	05/22/25 15:00	2	11/15/25 10:25	
Dry Weight	05/22/25 15:00	2	05/26/25 10:25	
T252183-08 CSS02 [Soil] Sampled 05/19/25 10:30 (GMT-08:00) Pacific Time				
(US &				
6010 Pb	05/22/25 15:00	2	11/15/25 10:30	
Dry Weight	05/22/25 15:00	2	05/26/25 10:30	
T252183-09 CSS03 [Soil] Sampled 05/19/25 10:35 (GMT-08:00) Pacific Time				
(US &				
6010 Pb	05/22/25 15:00	2	11/15/25 10:35	
Dry Weight	05/22/25 15:00	2	05/26/25 10:35	
T252183-10 CSS04 [Soil] Sampled 05/19/25 10:40 (GMT-08:00) Pacific Time				
(US &				
6010 Pb	05/22/25 15:00	2	11/15/25 10:40	
Dry Weight	05/22/25 15:00	2	05/26/25 10:40	
T252183-11 CSS05 [Soil] Sampled 05/19/25 10:50 (GMT-08:00) Pacific Time (US				
&				
6010 Pb	05/22/25 15:00	2	11/15/25 10:50	
Dry Weight	05/22/25 15:00	2	05/26/25 10:50	
T252183-12 CSS06 [Soil] Sampled 05/19/25 10:55 (GMT-08:00) Pacific Time				
(US &				
6010 Pb	05/22/25 15:00	2	11/15/25 10:55	
Dry Weight	05/22/25 15:00	2	05/26/25 10:55	
T252183-13 CSS07 [Soil] Sampled 05/19/25 11:00 (GMT-08:00) Pacific Time (US				
&				
6010 Pb	05/22/25 15:00	2	11/15/25 11:00	
Dry Weight	05/22/25 15:00	2	05/26/25 11:00	



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27 May 2025

Sadie Bodiford
Terracon -- Sacramento
50 Goldenland Court, Suite 100
Sacramento, CA 95834
RE: Wood Middle School

Enclosed are the results of analyses for samples received by the laboratory on 05/20/25 11:57. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeff Lee
Project Manager



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

Project: Wood Middle School
Project Number: NB257123
Project Manager: Sadie Bodiford

Reported:
05/27/25 17:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP	T252182-01	Soil	05/19/25 09:25	05/20/25 11:57

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Jeff Lee, Project Manager



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

Project: Wood Middle School
 Project Number: NB257123
 Project Manager: Sadie Bodiford

Reported:
 05/27/25 17:09

DETECTIONS SUMMARY

Sample ID: SP Laboratory ID: T252182-01

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	60	1.1		µg/kg dry wt. dt	EPA 6010b	
Chromium	23	2.1		µg/kg dry wt. dt	EPA 6010b	
Cobalt	5.8	2.1		µg/kg dry wt. dt	EPA 6010b	
Copper	10	1.1		µg/kg dry wt. dt	EPA 6010b	
Lead	11	3.2		µg/kg dry wt. dt	EPA 6010b	
Nickel	22	2.1		µg/kg dry wt. dt	EPA 6010b	
Vanadium	19	5.3		µg/kg dry wt. dt	EPA 6010b	
Zinc	40	1.1		µg/kg dry wt. dt	EPA 6010b	
% Solids	94.5			%	% calculation	

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Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/27/25 17:09
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SP
T252182-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	11	mg/kg dry wt. dry	1	25E0350	05/19/25	05/21/25	EPA 8015B	
C13-C28 (DRO)	ND	11	"	"	"	"	"	"	
Surrogate: <i>p</i> -Terphenyl		86.7 %	65-135		"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.2	mg/kg dry wt. dry	1	25E0365	05/20/25	05/21/25	EPA 6010b	
Arsenic	ND	2.1	"	"	"	"	"	"	
Barium	60	1.1	"	"	"	"	"	"	
Beryllium	ND	1.1	"	"	"	"	"	"	
Cadmium	ND	2.1	"	"	"	"	"	"	
Chromium	23	2.1	"	"	"	"	"	"	
Cobalt	5.8	2.1	"	"	"	"	"	"	
Copper	10	1.1	"	"	"	"	"	"	
Lead	11	3.2	"	"	"	"	"	"	
Molybdenum	ND	5.3	"	"	"	"	"	"	
Nickel	22	2.1	"	"	"	"	"	"	
Selenium	ND	5.3	"	"	"	"	"	"	
Silver	ND	2.1	"	"	"	"	"	"	
Thallium	ND	5.3	"	"	"	"	"	"	
Vanadium	19	5.3	"	"	"	"	"	"	
Zinc	40	1.1	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.11	mg/kg dry wt. dry	1	25E0349	05/19/25	05/21/25	EPA 7471A Soil	
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Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/27/25 17:09
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SP
T252182-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	0.0026	mg/kg dry wt. dry	1	25E0376	05/20/25	05/24/25	EPA 8260B	
Bromochloromethane	ND	0.0026	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0026	"	"	"	"	"	"	
Bromoform	ND	0.0026	"	"	"	"	"	"	
Bromomethane	ND	0.0026	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0026	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0026	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0026	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0026	"	"	"	"	"	"	
Chlorobenzene	ND	0.0026	"	"	"	"	"	"	
Chloroethane	ND	0.0026	"	"	"	"	"	"	
Chloroform	ND	0.0026	"	"	"	"	"	"	
Chloromethane	ND	0.0026	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0026	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0026	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0026	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0053	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0026	"	"	"	"	"	"	
Dibromomethane	ND	0.0026	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0026	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0026	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0026	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0026	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0026	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0026	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0026	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0026	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0026	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0026	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0026	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0026	"	"	"	"	"	"	

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SP
T252182-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.0026	mg/kg dry wt. dry	1	25E0376	05/20/25	05/24/25	EPA 8260B	
cis-1,3-Dichloropropene	ND	0.0026	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0026	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0026	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0026	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0026	"	"	"	"	"	"	
Methylene chloride	ND	0.011	"	"	"	"	"	"	
Naphthalene	ND	0.0026	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0026	"	"	"	"	"	"	
Styrene	ND	0.0026	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0026	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0026	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0026	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0026	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0026	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0026	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0026	"	"	"	"	"	"	
Trichloroethene	ND	0.0026	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0026	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0026	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0026	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0026	"	"	"	"	"	"	
Vinyl chloride	ND	0.0026	"	"	"	"	"	"	
Benzene	ND	0.0026	"	"	"	"	"	"	
Toluene	ND	0.0026	"	"	"	"	"	"	
Ethylbenzene	ND	0.0026	"	"	"	"	"	"	
m,p-Xylene	ND	0.0053	"	"	"	"	"	"	
o-Xylene	ND	0.0026	"	"	"	"	"	"	
Acetone	ND	0.0053	"	"	"	"	"	"	
Methyl ethyl ketone	ND	0.0053	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.0053	"	"	"	"	"	"	

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SP
T252182-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

2-Hexanone (MBK)	ND	0.0053	mg/kg dry wt. dry	1	25E0376	05/20/25	05/24/25	EPA 8260B	
Surrogate: 4-Bromofluorobenzene		91.7 %	75.4-139		"	"	"	"	
Surrogate: Dibromofluoromethane		102 %	73.1-125		"	"	"	"	
Surrogate: Toluene-d8		95.7 %	82.6-117		"	"	"	"	

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

% Solids	94.5		%	1	25E0385	05/21/25	05/22/25	% calculation	
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Jeff Lee, Project Manager



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Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/27/25 17:09
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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
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Batch 25E0350 - EPA 3550B GC

Blank (25E0350-BLK1) Prepared: 05/19/25 Analyzed: 05/21/25

C6-C12 (GRO)	ND	10	mg/kg dry wt. wet							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
Surrogate: p-Terphenyl	89.3		"	100		89.3	65-135			

LCS (25E0350-BS1) Prepared: 05/19/25 Analyzed: 05/21/25

C13-C28 (DRO)	460	10	mg/kg dry wt. wet	500		91.0	75-125			
Surrogate: p-Terphenyl	86.2		"	100		86.2	65-135			

Matrix Spike (25E0350-MS1) Source: T252167-01 Prepared: 05/19/25 Analyzed: 05/21/25

C13-C28 (DRO)	490	10	mg/kg dry wt. wet	500	ND	97.9	75-125			
Surrogate: p-Terphenyl	89.6		"	100		89.6	65-135			

Matrix Spike Dup (25E0350-MSD1) Source: T252167-01 Prepared: 05/19/25 Analyzed: 05/21/25

C13-C28 (DRO)	470	10	mg/kg dry wt. wet	500	ND	94.0	75-125	4.06	20	
Surrogate: p-Terphenyl	86.1		"	100		86.1	65-135			

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Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/27/25 17:09
--	--	-----------------------------

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
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Batch 25E0365 - EPA 3050B

Blank (25E0365-BLK1)

Prepared: 05/20/25 Analyzed: 05/21/25

Antimony	ND	4.0	mg/kg dry wt. wet							
Arsenic	ND	2.0	"							
Barium	ND	1.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	2.0	"							
Cobalt	ND	2.0	"							
Copper	ND	1.0	"							
Lead	ND	3.0	"							
Molybdenum	ND	5.0	"							
Nickel	ND	2.0	"							
Selenium	ND	5.0	"							
Silver	ND	2.0	"							
Thallium	ND	5.0	"							
Vanadium	ND	5.0	"							
Zinc	ND	1.0	"							

LCS (25E0365-BS1)

Prepared: 05/20/25 Analyzed: 05/21/25

Arsenic	95.9	2.0	mg/kg dry wt. wet	100		95.9	75-125			
Barium	99.5	1.0	"	100		99.5	75-125			
Cadmium	98.4	2.0	"	100		98.4	75-125			
Chromium	98.0	2.0	"	100		98.0	75-125			
Lead	99.7	3.0	"	100		99.7	75-125			

Matrix Spike (25E0365-MS1)

Source: T252167-16

Prepared: 05/20/25 Analyzed: 05/21/25

Arsenic	72.7	2.0	mg/kg dry wt. wet	100	ND	72.7	75-125			QM-07
Barium	127	1.0	"	100	57.2	69.7	75-125			QM-07
Cadmium	69.1	2.0	"	100	0.467	68.6	75-125			QM-07
Chromium	76.8	2.0	"	100	7.44	69.4	75-125			QM-07
Lead	68.6	3.0	"	100	3.71	64.9	75-125			QM-07

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--	--	-----------------------------

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
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Batch 25E0365 - EPA 3050B

Matrix Spike Dup (25E0365-MSD1)

Source: T252167-16

Prepared: 05/20/25 Analyzed: 05/21/25

Arsenic	70.8	2.0	mg/kg dry wt. wet	100	ND	70.8	75-125	2.54	20	QM-07
Barium	120	1.0	"	100	57.2	62.5	75-125	5.86	20	QM-07
Cadmium	67.1	2.0	"	100	0.467	66.7	75-125	2.84	20	QM-07
Chromium	74.9	2.0	"	100	7.44	67.4	75-125	2.53	20	QM-07
Lead	67.5	3.0	"	100	3.71	63.7	75-125	1.68	20	QM-07

SunStar Laboratories, Inc.

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Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/27/25 17:09
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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
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Batch 25E0349 - EPA 7471A Soil

Blank (25E0349-BLK1)										
Prepared: 05/19/25 Analyzed: 05/21/25										
Mercury	ND	0.10	mg/kg dry wt. wet							
LCS (25E0349-BS1)										
Prepared: 05/19/25 Analyzed: 05/21/25										
Mercury	0.434	0.10	mg/kg dry wt. wet	0.417		104	80-120			
Matrix Spike (25E0349-MS1)										
Source: T252167-01 Prepared: 05/19/25 Analyzed: 05/21/25										
Mercury	0.502	0.10	mg/kg dry wt. wet	0.417	ND	120	80-120			
Matrix Spike Dup (25E0349-MSD1)										
Source: T252167-01 Prepared: 05/19/25 Analyzed: 05/21/25										
Mercury	0.454	0.10	mg/kg dry wt. wet	0.417	ND	109	80-120	10.1	20	

SunStar Laboratories, Inc.

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Jeff Lee, Project Manager



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

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

Project: Wood Middle School
 Project Number: NB257123
 Project Manager: Sadie Bodiford

Reported:
 05/27/25 17:09

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
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Batch 25E0376 - EPA 5030 GCMS

Blank (25E0376-BLK1)

Prepared: 05/20/25 Analyzed: 05/23/25

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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Project: Wood Middle School
 Project Number: NB257123
 Project Manager: Sadie Bodiford

Reported:
 05/27/25 17:09

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
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Batch 25E0376 - EPA 5030 GCMS

Blank (25E0376-BLK1)

Prepared: 05/20/25 Analyzed: 05/23/25

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	0.0460		"	0.0500		92.1	75.4-139			
Surrogate: Dibromofluoromethane	0.0479		"	0.0500		95.8	73.1-125			
Surrogate: Toluene-d8	0.0473		"	0.0500		94.6	82.6-117			

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Project: Wood Middle School
 Project Number: NB257123
 Project Manager: Sadie Bodiford

Reported:
 05/27/25 17:09

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
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Batch 25E0376 - EPA 5030 GCMS

LCS (25E0376-BS1)

Prepared: 05/20/25 Analyzed: 05/23/25

Chlorobenzene	0.0475	0.0025	mg/kg dry wt. wet	0.0500		94.9	65.2-124			
1,1-Dichloroethene	0.0485	0.0025	"	0.0500		97.0	60.9-131			
Trichloroethene	0.0506	0.0025	"	0.0500		101	62.1-126			
Benzene	0.0451	0.0025	"	0.0500		90.2	65.3-127			
Toluene	0.0458	0.0025	"	0.0500		91.5	64.3-122			
Surrogate: 4-Bromofluorobenzene	0.0480		"	0.0500		95.9	75.4-139			
Surrogate: Dibromofluoromethane	0.0483		"	0.0500		96.6	73.1-125			
Surrogate: Toluene-d8	0.0472		"	0.0500		94.4	82.6-117			

Matrix Spike (25E0376-MS1)

Source: T252179-01

Prepared: 05/20/25 Analyzed: 05/23/25

Chlorobenzene	0.0383	0.0025	mg/kg dry wt. wet	0.0500	ND	76.5	65.2-125			
1,1-Dichloroethene	0.0460	0.0025	"	0.0500	ND	92.0	60.9-131			
Trichloroethene	0.0439	0.0025	"	0.0500	ND	87.9	62.1-126			
Benzene	0.0389	0.0025	"	0.0500	ND	77.8	65.3-127			
Toluene	0.0400	0.0025	"	0.0500	0.000320	79.3	64.3-125			
Surrogate: 4-Bromofluorobenzene	0.0490		"	0.0500		98.1	75.4-139			
Surrogate: Dibromofluoromethane	0.0504		"	0.0500		101	73.1-125			
Surrogate: Toluene-d8	0.0475		"	0.0500		94.9	82.6-117			

Matrix Spike Dup (25E0376-MSD1)

Source: T252179-01

Prepared: 05/20/25 Analyzed: 05/23/25

Chlorobenzene	0.0387	0.0025	mg/kg dry wt. wet	0.0500	ND	77.4	65.2-125	1.14	20	
1,1-Dichloroethene	0.0465	0.0025	"	0.0500	ND	93.0	60.9-131	1.08	20	
Trichloroethene	0.0435	0.0025	"	0.0500	ND	87.1	62.1-126	0.937	20	
Benzene	0.0382	0.0025	"	0.0500	ND	76.5	65.3-127	1.79	20	
Toluene	0.0385	0.0025	"	0.0500	0.000320	76.4	64.3-125	3.64	20	
Surrogate: 4-Bromofluorobenzene	0.0487		"	0.0500		97.3	75.4-139			
Surrogate: Dibromofluoromethane	0.0504		"	0.0500		101	73.1-125			
Surrogate: Toluene-d8	0.0469		"	0.0500		93.8	82.6-117			

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Terracon -- Sacramento 50 Goldenland Court, Suite 100 Sacramento CA, 95834	Project: Wood Middle School Project Number: NB257123 Project Manager: Sadie Bodiford	Reported: 05/27/25 17:09
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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
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Batch 25E0385 - General Preparation

Duplicate (25E0385-DUP1)	Source: T252182-01		Prepared: 05/21/25 Analyzed: 05/22/25							
% Solids	94.3		%		94.5			0.201	20	

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Jeff Lee, Project Manager



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50 Goldenland Court, Suite 100
Sacramento CA, 95834

Project: Wood Middle School
Project Number: NB257123
Project Manager: Sadie Bodiford

Reported:
05/27/25 17:09

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.

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Jeff Lee, Project Manager



Office Location 50 Goldenland Ct, Ste 100, Sacramento, CA

Phone: (916) 246-5080

Contact: sadie.bodiford@terracon.com

PO/SO #:

Project Manager Sadie Bodiford
 Sampler's Name Santiago Calderon Sierra

Sampler's Signature S. Calderon

Laboratory:
Address:

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:

TEMP OF COOLER
WHEN RECEIVED (°C)

Page 1 of 1

CHAIN OF CUSTODY RECORD

T252182

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	9oz Jar	No. Type of Containers	ANALYSIS REQUESTED		
										Total Petroleum Hydrocarbons (TPH)-GRO/DRO by EPA Method 8015	Volatile Organic Compounds (VOCs) by EPA Method 8260	California Administrative Manual (CAM) 17 Metals by EPA Methods 6010/7471
S	8/19/15	09:25	X		SP			2		X	X	X
TURNDOWN TIME <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 48-Hour Rush <input type="checkbox"/> 24-Hour Rush TRRP Laboratory Review Checklist <input type="checkbox"/> Yes <input type="checkbox"/> No												
Requisitioned by (Signature) <u>S. Calderon</u> Date: <u>8/19/15</u> Time: <u>14:033</u> Received by (Signature) <u>BO Xereno</u> Date: <u>5/19/15</u> Time: <u>14:33</u> Requisitioned by (Signature) <u>S. Calderon</u> Date: <u>05/19/15</u> Time: <u>15:45</u> Received by (Signature) <u>GIS/Mattias</u> Date: <u>5/19/15</u> Time: <u>11:57</u> Requisitioned by (Signature) <u>GIS</u> Date: <u>5/20/15</u> Time: <u>11:57</u>												
NOTES: Please send confirmation/results to: sadie.bodiford@terracon.com; santiago.calderonsierra@terracon.com Report on a dry weight basis.												

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 _____

Sacramento Office ■ 50 Goldenland Ct ■ Sacramento, CA 95834 ■ Office: 916-928-4690 ■ Fax: 916-928-4697
 Responsive ■ Resourceful ■ Reliable

S.8°C

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T252182
 Client Name: Terracon Project: Wood Middle 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: 5/20/25 11:57
 Total number of coolers received: 1 Thermometer ID: SC-1 Calibration due: 11/19/2025

Temperature: Cooler #1	5.7 °C +/- the CF (+ 0.1°C) =	5.8 °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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
If NO:			
Samples received on ice?	<input type="checkbox"/> Yes	<input type="checkbox"/> No →	Complete Non-Conformance Sheet
If on ice, samples received same day collected?	<input type="checkbox"/> Yes → Acceptable	<input type="checkbox"/> 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: PB 5/20/25

Comments:



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 #: 562941805

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:

Signature Type: NOT REQUIRED

31030678

NWK CA906-GD0

Print Date: 4/28/2025 1:19 PM

Package 19 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.

WORK ORDER

T252182

Client: Terracon -- Sacramento	Project Manager: Jeff Lee
Project: Wood Middle School	Project Number: NB257123

Report To:

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

Date Due:	05/22/25 17:00 (2 day TAT)		
Received By:	Paul Berner	Date Received:	05/20/25 11:57
Logged In By:	Karina Ortiz	Date Logged In:	05/20/25 12:20

Samples Received at:	5.8°C		
Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirmed	No		

Analysis	Due	TAT	Expires	Comments
T252182-01 SP [Soil] Sampled 05/19/25 09:25 (GMT-08:00) Pacific Time (US &				
6010 Title 22	05/22/25 15:00	2	11/15/25 09:25	
8015 Carbon Chain	05/22/25 15:00	2	06/02/25 09:25	GRO/DRO only
8260	05/22/25 15:00	2	06/02/25 09:25	
Dry Weight	05/22/25 15:00	2	05/26/25 09:25	

Analysis groups included in this work order	
<u>6010 Title 22</u>	
subgroup 6010B T22	7470/71 Hg