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MEMORANDUM

To: California Energy Commission Staff
From: Sequoia Energy Storage 1, LLC
Subject: Seahawk Battery Energy Storage System (26-OPT-02) – Phase II Environmental Site Assessment and Contaminated Soil Mitigation Study
Date: September 9, 2026
Attachment(s): Appendix 3.5D (Phase II Environmental Site Assessment [ESA])
Appendix 3.5E (Contaminated Soil Mitigation Study)

On May 27, 2026, Sequoia Energy Storage 1, LLC (the “Applicant”) filed an Application for Confidential Designation for Opt-In Application for Certification for Appendix 3.5D (Phase II ESA) and Appendix 3.5E (Contaminated Soil Mitigation Study) (TN: 271258 & 271259). The Applicant retracts its prior Application for Confidential Designation for Opt-In Application for Certification for Appendix 3.5D (Phase II ESA) and Appendix 3.5E (Contaminated Soil Mitigation Study), and is withdrawing its appeal of the California Energy Commission’s non-confidential determination (TN: 271254). The referenced documents are provided herein.

Appendix 3.5D

Phase II Environmental Site Assessment

Phase II Environmental Site Assessment

Seahawk Battery Energy Storage System Project

90 Minto Road, Watsonville, California

MAY 2026

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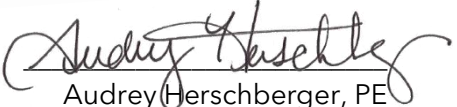

Audrey Herschberger, PE
Environmental Engineer

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APPENDICES

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
bgs	below ground surface
ESA	Environmental Site Assessment
ESL	environmental screening level
mg/kg	milligrams per kilogram
Project	Seahawk Battery Energy Storage System Project
REC	recognized environmental condition
RPD	relative percent difference
subject property	Seahawk BESS Project, 90 Minto Road, Watsonville, Santa Cruz County, California

1 Introduction

This Phase II Environmental Site Assessment (ESA) was prepared by Dudek for New Leaf Energy for evaluation of the Seahawk Battery Energy Storage System Project (project). The project is located on a 47-acre site identified with Assessor's Parcel Numbers 051-101-77 and 051-101-78 in unincorporated Santa Cruz County, California (subject property).

The purpose of this Phase II ESA is to investigate the potential for elevated concentrations of pesticide- and/or herbicide-related impacts to surface soils related to historical and ongoing agricultural use of the subject property. This Phase II ESA will further support the Assembly Bill (AB) 205 application for the project.

This Phase II ESA report includes a summary of known background conditions of the subject property (Section 2), environmental setting and subsurface conditions (Section 3), sampling activities completed (Section 4), analytical results (Section 5), and conclusions and recommendations for future subject property use and development (Section 6).

2 Subject Property Background

2.1 Subject Property Location

The subject property is located at 90 Minto Road in Santa Cruz County, California (Figure 1), on 47 acres of land identified as Assessor's Parcel Numbers 051-101-77 and 051-101-78. The subject property currently consists of agricultural land, specifically apple orchards. College Lake is located approximately 350 feet east-northeast of the subject property at its nearest point, and Pinto Lake is approximately 0.50 miles to the west at its nearest point. The subject property is located in unincorporated Santa Cruz County, north of the City of Watsonville.

Minto Road intersects the subject property on the western side, runs parallel to the western subject property border for approximately 280 feet, runs northwest-southeast through the northern portion of the subject property for approximately 850 feet, then borders the eastern edge of the subject property for approximately 815 feet before ending at an eastern adjoining residence. The subject property is adjoined by agricultural and residential properties to the northeast and southwest, a Pajaro Valley Unified School District transportation office to the southeast, and residential development and a PG&E Substation to the west.

2.2 Subject Property History and Previous Investigations

A Phase I ESA, conducted by EBI Consulting in November 2025 (EBI 2025), states the subject property has been used for agricultural purposes since the 1920s. The Phase I ESA identified a Business Environmental Risk associated with the current and former agricultural use, which may have resulted in increased concentrations of pesticide- and/or herbicide-related impacts to surface soils. The Phase I ESA recommended a limited subsurface investigation on the subject property to evaluate soil conditions (EBI 2024).

To confirm the presence of contamination associated with the Business Environmental Risk, soil sampling was completed within the proposed areas of construction, including the battery energy storage system area, landscaping,

and roads, which total approximately 19.4 acres within the subject property (Figure 2, Proposed Area of Construction).

3 Environmental Setting

3.1 Subject Property Topography

The natural topography is primarily flat across much of the subject property, with elevations ranging from approximately 100 to 120 feet above mean sea level (Google Earth 2026).

3.2 Subject Property Geology and Soil Type

Approximately half of the subject property is made up of Watsonville loams, which are very hydric soils that form under conditions of saturation, flooding, or ponding. The other approximate half of the subject property is made up of Pinto loams, which are less hydric and considered excellent agricultural soils (Rush & Duttie 2024). Physical observations during the Phase I ESA identified poorly drained loam and clay in the eastern half the subject property, and moderately well drained sandy clay loam in the western half (EBI 2025).

3.3 Subject Property Hydrogeologic Setting

The subject property is located within the Pajaro River Watershed, approximately 650 feet west-southwest of College Lake, a seasonal lake. Surface water currently drains northwest and southeast, with a ridge separating drainage from the north and south sides into two distinct valleys; the valleys drain easterly, eventually entering the high-water elevation of College Lake (New Leaf Energy 2025).

The subject property overlies the Pajaro Valley Groundwater Subbasin. Shallow groundwater is estimated to be between 10.2 and 16 feet below existing grade (Haley & Aldrich 2025). While soil saturation is typically observed during seasonal rains (Rush & Duttie 2024), this saturation appears to be due to the presence of hydric soils with layers of low permeability and not due to elevated groundwater (Haley & Aldrich 2025). Multiple groundwater wells are located on the subject property and are used for irrigation and domestic purposes. The only well with publicly available data, USGS-365702121452801, has a recorded depth of 265 feet below ground surface (bgs) (last measured in 1983) (SWRCB 2026). Based on available information, shallow groundwater is present between 10.2 and 16 feet bgs, but is not used for beneficial uses. Groundwater used for beneficial uses is from at least 200 feet bgs.

4 Environmental Sampling

As the subject property was still used for agricultural purposes at the time of the investigation, the sampling and analysis was based on the Department of Toxic Substances Control Interim Guidance for Sampling Agricultural Properties (DTSC 2008). Dudek conducted the sampling event on February 1, 2026. The 19.4-acre proposed areas of construction within the subject property (Figure 2) were divided into eight approximately equal portions. Dudek collected eight composite soil samples and eight discrete soil samples, one from each sample area. Duplicate samples were also collected, as discussed in Section 5.3, Quality Assurance and Quality Control. Samples were collected using disposable hand tools. Nitrile gloves were worn during sample collection and changed before

collection of each sample. Each soil sample was placed into a 10-ounce glass jar that was provided by the laboratory. Jars were labeled, put into a resealable plastic bag, and placed in a cooler with ice. Samples were then transported under chain-of-custody procedures to Eurofins Calscience in Tustin, California.

4.1 Organochlorine Pesticides

In accordance with the Department of Toxic Substances Control's guidance, the proposed area of construction within the subject property was divided into eight sampling areas with four sampling points in each area spaced at equal distances from one another. Composite soil samples were made up of equal amounts of soil collected from between 3 inches and 6 inches bgs from each of the four sampling points within the composite area. Soils were composited in a clean 1-gallon resealable bag and mixed to homogenize. Soil was then placed into a laboratory-provided 10-ounce glass jar.

A total of eight shallow composite soil samples were collected. One duplicate sample was also collected. Samples were identified by location and sample type (SC-1 refers to "Sample, Composite, Area 1").

4.2 Arsenic

Nine discrete soil samples were collected from the same eight areas defined above. Samples were collected from between 3 inches to 6 inches bgs. One duplicate sample was also collected. Samples were identified by location and sample type (SD-1 refers to "Sample, Discrete, Area 1").

5 Sampling Results

5.1 Organochlorine Pesticides

Composite samples were analyzed for organochlorine pesticides by U.S. Environmental Protection Agency Method 8081A. Laboratory results are summarized in Table 1 (Appendix A, Tables) and shown on Figure 3, Organochlorine Pesticides Concentrations. The laboratory report is provided in Attachment C. 4,4-DDD, 4,4-DDE, and 4,4-DDT¹ were detected in all soil samples.

- 4,4-DDD concentrations ranged from 0.0027² milligrams per kilogram (mg/kg) to 0.016 mg/kg.
- 4,4-DDE concentrations ranged from 0.043 mg/kg to 0.18 mg/kg.
- 4,4-DDT concentrations ranged from 0.006 mg/kg to 0.029 mg/kg.

The organochlorine pesticide concentrations were compared to Environmental Screening Levels (ESLs) (San Francisco Bay RWQCB 2026) for commercial/industrial land use and hazardous waste criteria under California

¹ 4,4-DDE: dichlorodiphenyldichloroethane; 4,4-DDE: dichlorodiphenyldichloroethylene; 4,4-DDT: dichlorodiphenyltrichloroethane. These compounds are referred to by their common acronyms throughout this report.

² This concentration represents an estimated value (J-flagged) less than the laboratory reporting limit but greater than the method detection limit.

Code of Regulations Title 22 Section 66261.24. These screening levels are shown in Table 1 (Appendix A). None of the sample concentrations exceeded applicable screening levels or hazardous waste criteria.

5.2 Arsenic

Discrete samples were analyzed for total arsenic by U.S. Environmental Protection Agency Method 6020B. Laboratory results are summarized in Table 2 (Appendix A) and shown on Figure 4, Arsenic Concentrations. The laboratory report is provided in Appendix B. Arsenic was detected in all nine samples ranging from 8.23 mg/kg to 31.3 mg/kg.

The arsenic concentrations were compared to ESLs for commercial/industrial land use and background concentrations (Duvergé 2011). These screening levels are shown in Table 2 (Appendix A).

All samples exceeded the commercial screening level (0.14 mg/kg). However, statistical analysis of background levels of arsenic have been completed throughout the State of California, which have concluded that the upper-bound background concentration of arsenic is typically greater than toxicology-based screening levels (e.g., ESLs). The background concentration for regional arsenic for the subject property is 11 mg/kg (Duvergé 2011). Seven of the nine samples (which includes the duplicate sample) exceeded this background value and are therefore considered elevated.

5.3 Quality Assurance and Control

Quality assurance and quality control (QA/QC) measures for soil samples were performed by Dudek and Eurofins Calscience. Two field duplicates were collected, one composite duplicate and one discrete duplicate; the relative percent difference (RPD) of the two samples and their duplicates are shown below (Table 3). The RPDs for 4,4-DDD and 4,4-DDE were above their respective laboratory RPD limits. Based on the composited nature of the samples and natural variations in the soil, it is highly likely that the samples were not perfectly homogeneous, resulting in an elevated RPD. As all concentrations were orders of magnitude below applicable screening levels, the margin of error does not indicate invalid data. The arsenic RPD was within acceptable RPD limits.

Table 3. Relative Percent Difference of Duplicate Samples

Sample ID	4,4-DDD	4,4-DDE	4,4-DDT	Arsenic
SC-8 / SC-08	56.31	32.80	20.86	NA
SD-3 / SD-03	NA	NA	NA	17.65
Lab RPD	30	28	31	20

Note: NA = not applicable.

Laboratory QA/QC included analysis of surrogates, blank samples, and laboratory control samples. Dudek evaluated the analytical results for QA/QC; the evaluation is included with the laboratory report in Attachment C. Lab QA/QC results were within QC limits. As such, the data has been deemed acceptable.

6 Conclusions and Recommendations

6.1 Conclusions

As part of this Phase II ESA investigation, eight composite samples and eight discrete samples were collected from 3 to 6 inches bgs across the proposed area of construction on the subject property. Samples were analyzed for chlorinated pesticides and arsenic.

Organochlorine Pesticides: Composited soil samples were collected in eight areas of the subject property between 3 inches and 6 inches bgs. 4,4-DDD, 4,4-DDE, and 4,4-DDT were detected in all soil samples at concentrations ranging from 0.0027 mg/kg to 0.18 mg/kg. All detected concentrations of 4,4-DDD, 4,4-DDE, and 4,4-DDT were below commercial/industrial ESLs, and the combined concentrations were below hazardous waste criteria.

Arsenic: Discrete soil samples were collected in eight areas of the subject property between 3 inches and 6 inches bgs. Arsenic was detected in all soil samples at concentrations ranging from 8.23 mg/kg to 31.3 mg/kg. All detected concentrations of arsenic were above commercial/industrial ESLs, and samples from six of the eight areas exceeded the regional background arsenic concentration of 11 mg/kg.

Based on the observed chlorinated pesticide concentrations and elevated arsenic concentrations, it can be assumed that the elevated arsenic concentrations in shallow soils are not naturally occurring and are instead due to past pesticide application at the subject property.

6.2 Evaluation of Recognized Environmental Conditions

This Phase II ESA was completed to support the Assembly Bill 205 application following the identification of a Business Environmental Risk in the 2025 Phase I ESA, which concluded current and former agricultural use at the subject property may have resulted in increased concentrations of pesticide- and/or herbicide-related impacts to surface soils (EBI 2025). This Phase II ESA fulfills the recommendations provided in the Phase I ESA.

The data collected during this Phase II ESA confirm that historical and ongoing agricultural use at the subject property has resulted in elevated concentrations of arsenic above background concentrations.

6.3 Variances

No variances from the proposed scope of work occurred.

6.4 Recommendations

Due to the elevated levels of arsenic, Dudek proposes the following:

- Prepare a brief risk assessment for the Assembly Bill 205 application package that summarizes the findings of the soil sampling investigation, evaluates potential exposure pathways for arsenic-impacted soil, and

discusses mitigative measures that will eliminate the identified exposure pathways. Mitigative measures include the following:

- Prepare and implement a soil management plan that outlines soil management, characterization, and disposal requirements during construction activities. The soil management plan will include handling, training, sampling, analysis, stockpile, stormwater management, and disposal procedures for soils that must be excavated during construction activities (such as utility trenches and foundation footings).
- Eliminate infiltration of bio-filtration basins; basins would be designed to hold proposed stormwater volumes.

7 Limitations

This Phase II ESA was performed with the level of skill and care as would be used by competent professionals in the industry for similar projects under similar circumstances and in accordance with generally and currently accepted engineering practices and principles. However, while procedures and methodologies used in this investigation are in accordance with those outlined in ASTM E1903-19, they are not intended to meet any specific regulatory guidelines as this work was not conducted under the oversight of a regulator. The investigation was necessarily limited by time and expense to the number of sample locations and laboratory analyses completed. Although efforts were made to investigate the most probable areas that might have subsurface contamination, this assessment should not be construed as a comprehensive investigation of the entire property. Although the data in this report is indicative of subsurface conditions in areas investigated, no further conclusions regarding the absence or presence of contamination at the site should be construed or inferred other than those expressly stated in this report. The conclusions made herein are based on information obtained from field observations, sampling efforts, and independent laboratory analytical results. Dudek makes no statements or expressed or implied representations that the condition of the property after the date of the investigation, as referenced herein, will be the same or similar to the condition described herein. The conclusions set forth herein are based solely upon our assessment as of the original date of this report and are subject to the limitations set forth herein as well as the professional services agreement between Dudek and its client for this project.

8 References

- DTSC (Department of Toxic Substance Control). 2008. "Interim Guidance for Sampling Agricultural Properties (Third Revision)." DTSC and California Environmental Protection Agency. August 7, 2008.
- Duvergé, D.J. 2011. "Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region." Master's thesis; San Francisco State University; San Francisco, California. December 2011.
- EBI. 2025. Phase I Environmental Site Assessment, Proposed Battery Storage, 90 Minto Road, Watsonville, California.
- Haley & Aldrich. 2025. Groundwater Level Assessment, 90 Minto Road, Watsonville, California. August 15, 2025.
- New Leaf Energy. 2025. Civil Design Plans, Seahawk Energy Storage, 90 Minto Road, Watsonville, CA 95076. July 2, 2025
- Rush & Duttie (Rush & Duttie Consulting). 2024. Agricultural land assessment of APN 051-101-77 and 051-101-78, 90 Minto Road, Watsonville, California. August 30, 2024.
- San Francisco Bay RWQCB (Regional Water Quality Control Board – San Francisco Bay Region). 2026. *Environmental Screening Level (ESL) Workbook, Rev. 4*. January 20, 2026.
- SWRCB (State Water Resources Control Board). 2026. GAMA Groundwater Information System [online database]. Accessed April 2, 2026. <https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/>

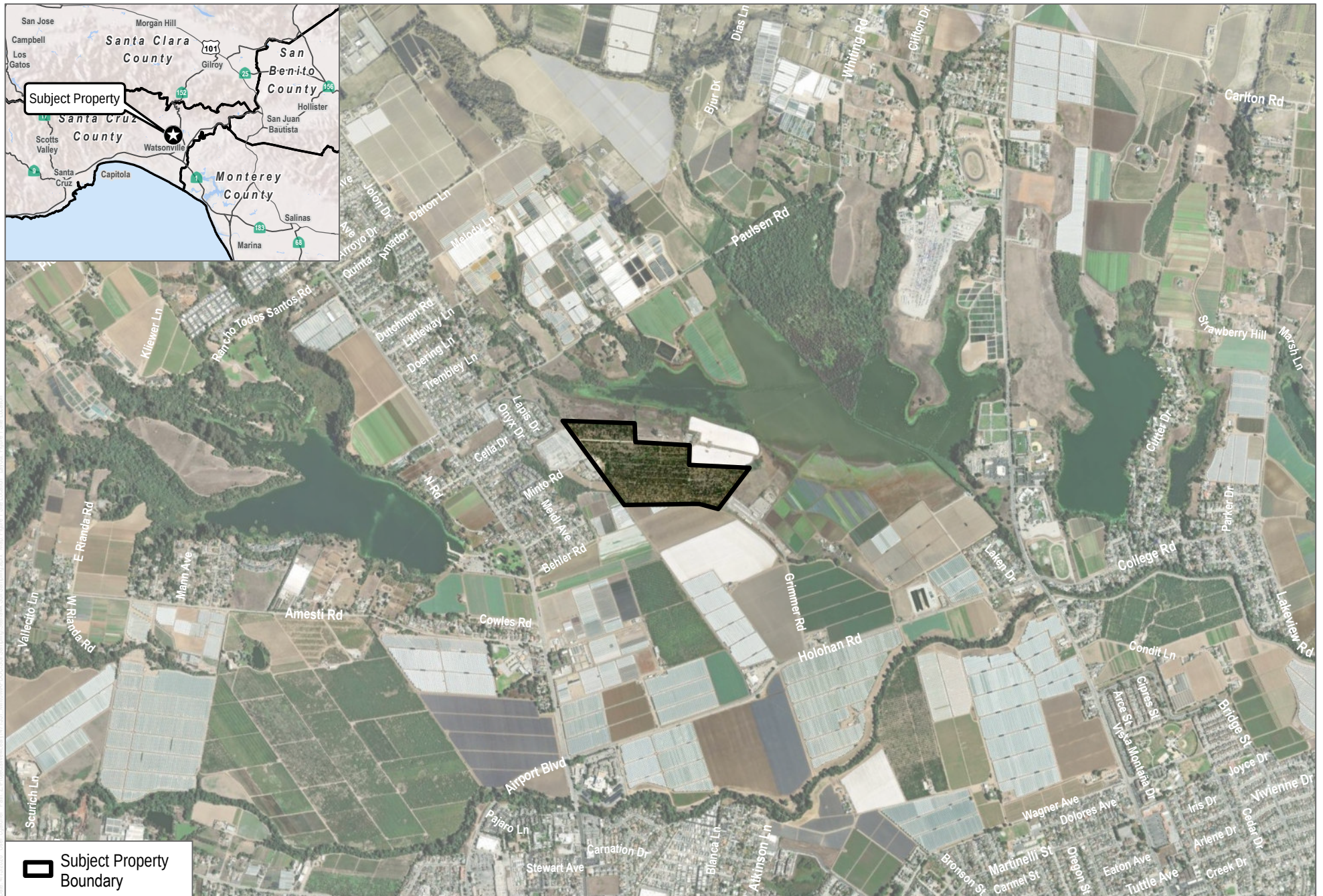


FIGURE 1

Subject Property Location

Seahawk Battery Energy Storage System Project

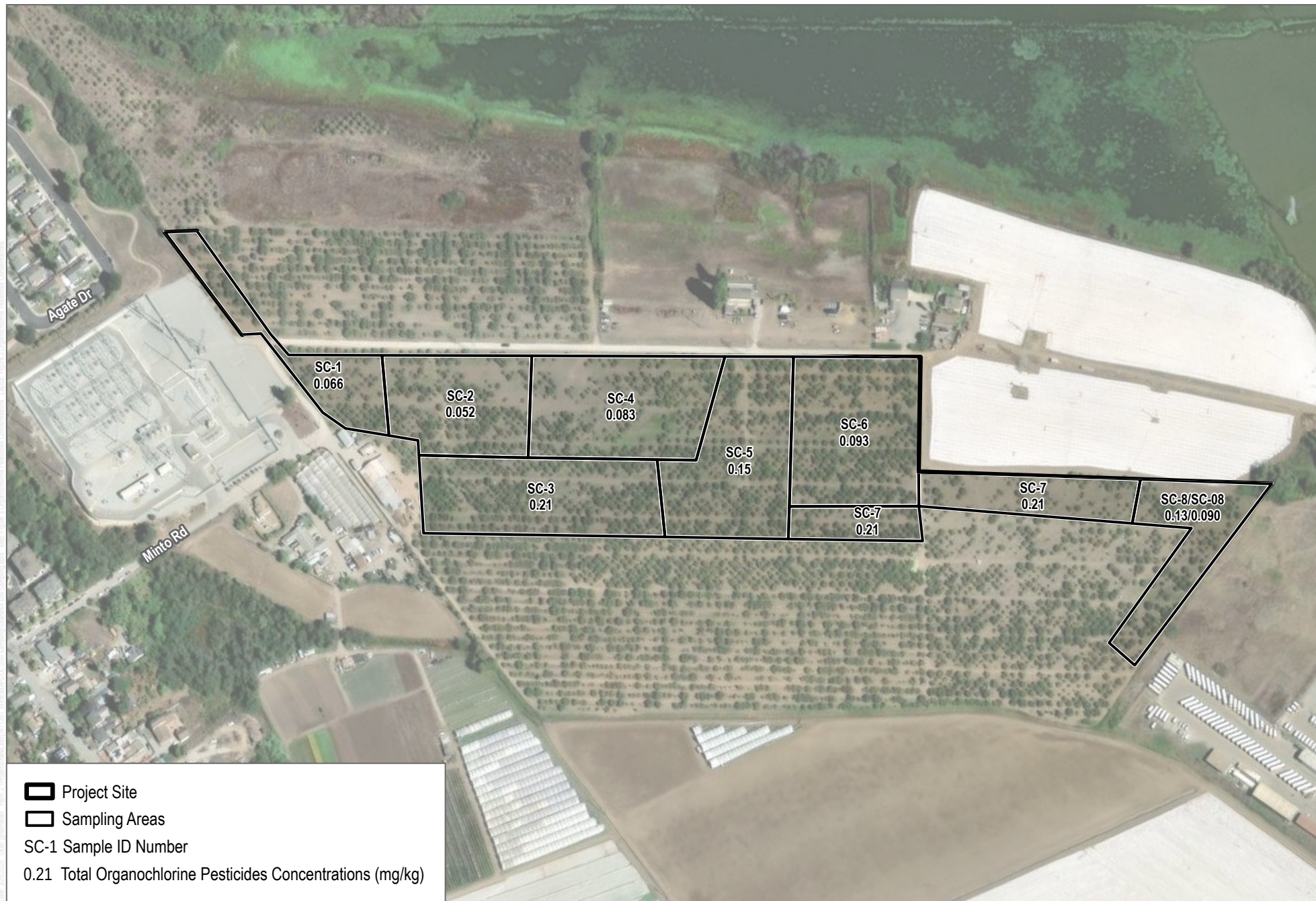


SOURCE: New Leaf Energy 2025; Maxar 2024; Open Street Map 2023

FIGURE 2

Proposed Area of Construction

Seahawk Battery Energy Storage System Project



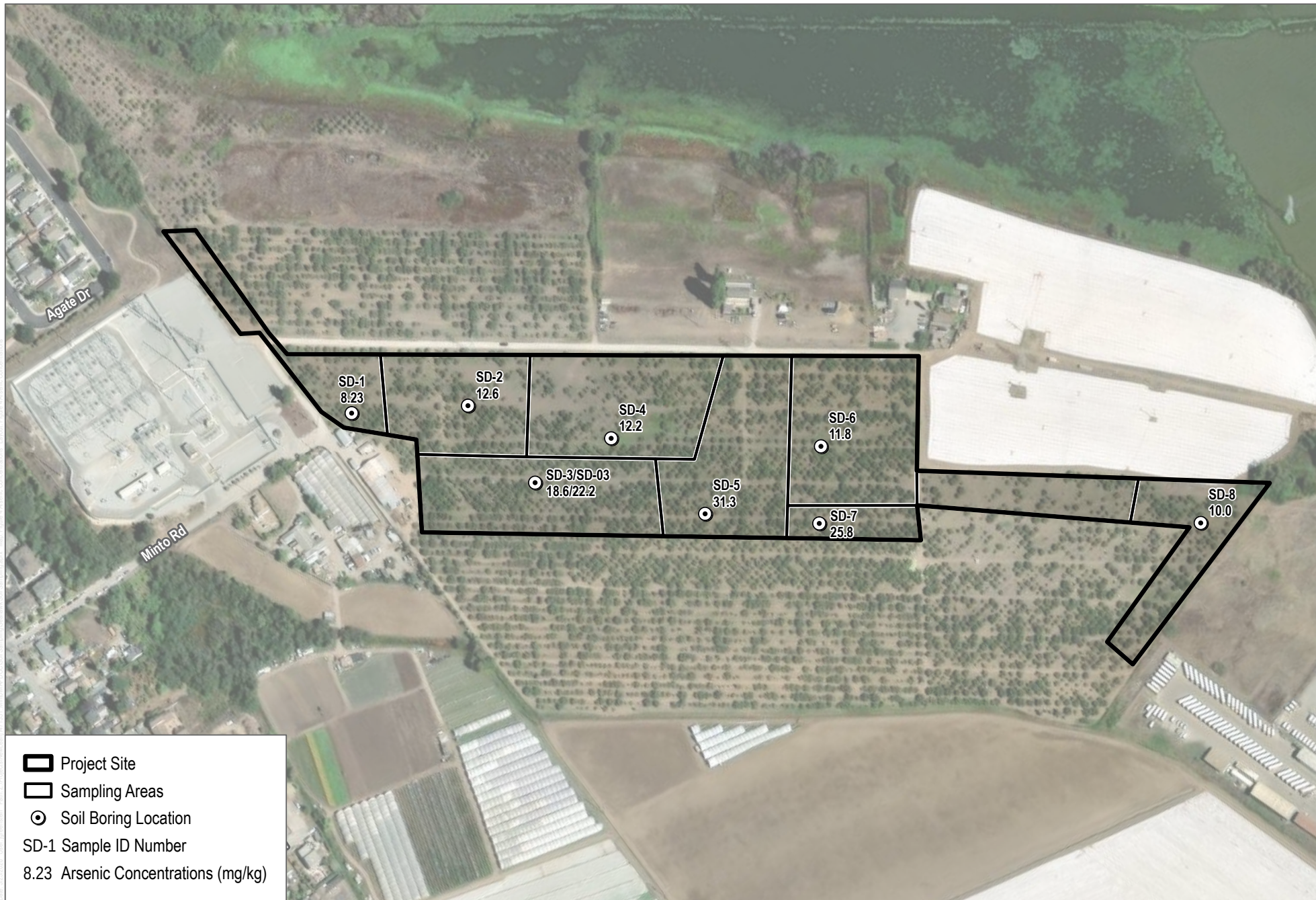
SOURCE: Maxar 2024; Open Street Map 2023

DUDEK



0 150 300 Feet

FIGURE 3
Total Organochlorine Pesticides Concentrations
Seahawk Battery Energy Storage System Project



SOURCE: Maxar 2024; Open Street Map 2023

Appendix A

Tables 1 and 2

Table 1. Composite Samples

Sample Location	Sample ID	Sample Depth (feet)	Sample Date	4,4'-DDD	4,4'-DDE	4,4'-DDT	Combined 4,4-DDD, 4,4-DDE, and 4,4-DDT
				milligrams per kilogram (mg/kg)			
RWQCB ESL - Commercial/Industrial Soil ¹				10	9.3	8.5	—
Total Threshold Limit Concentration, non-RCRA Hazardous Waste ²				—	—	—	1.00
SC-1		0.5	2/13/2026	0.0046 J	0.047	0.014	0.066
SC-2		0.5	2/13/2026	0.0027 J	0.043	0.006	0.052
SC-3		0.5	2/13/2026	0.016	0.18	0.015	0.21
SC-4		0.5	2/13/2026	0.0074	0.062	0.014	0.083
SC-5		0.5	2/13/2026	0.0094	0.12	0.02	0.15
SC-6		0.5	2/13/2026	0.0065	0.069	0.017	0.093
SC-7		0.5	2/13/2026	0.012	0.17	0.029	0.21
SC-8		0.5	2/13/2026	0.0066	0.11	0.009	0.13
SC-08/ SC-8 DUP		0.5	2/13/2026	0.0037 J	0.079	0.0073	0.090

Notes:

Samples analyzed for organochlorine pesticides by EPA Method 8081A at Eurofins CalScience in Tustin, California.

RWQCB ESL = San Francisco Bay Regional Water Quality Control Board - Environmental Screening Level

"J" represents an estimated value less than the reporting limit but greater than the method detection limit.

¹ SFBRWQCB (San Francisco Bay Regional Water Quality Control Board). 2026. Environmental Screening Level (ESL) Workbook, Rev. 4. January 20, 2026.

² The Total Threshold Limit Concentration (TTL), as defined in 22 CCR Section 66261.24: Characteristic of Toxicity, that classifies a waste as hazardous in the State of California.

Table 2. Summary of Arsenic Detections in Discrete Soil Samples

Sample Location	Sample Depth (feet)	Sample Date	Arsenic
			milligrams per kilogram (mg/kg)
RWQCB ESL - Commercial/Industrial Soil ¹			0.14
Background Concentration ²			11
SD-1	0.5	2/13/2026	8.23
SD-2	0.5	2/13/2026	12.6
SD-3	0.5	2/13/2026	18.6
SD-03 / SD-3 DUP	0.5	2/13/2026	22.2
SD-4	0.5	2/13/2026	12.2
SD-5	0.5	2/13/2026	31.3
SD-6	0.5	2/13/2026	11.8
SD-7	0.5	2/13/2026	25.8
SD-8	0.5	2/13/2026	10

Notes:

Bold - indicates commercial/industrial ESL exceedance.

RED - indicates background concentration exceedance.

Samples analyzed for organochlorine pesticides by EPA Method 6020B at Eurofins CalScience in Tustin, California

RWQCB ESL = San Francisco Bay Regional Water Quality Control Board - Environmental Screening Level

¹ SFBRWQCB (San Francisco Bay Regional Water Quality Control Board). 2026. Environmental Screening Level (ESL) Workbook, Rev. 4. January 20, 2026.

² Duverge. 2011. Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region. December 2011

Appendix B

Laboratory Analytical Report

ANALYTICAL REPORT

PREPARED FOR

Attn: Audrey Herschberger
Dudek & Associates
1 SW Columbia Street
Portland, Oregon 97258

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JOB DESCRIPTION

Watsonville Soil Sampling

JOB NUMBER

570-268263-1

Eurofins Calscience

Job Notes

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

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

Authorization



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Definitions/Glossary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: Dudek & Associates
Project: Watsonville Soil Sampling

Job ID: 570-268263-1

Job ID: 570-268263-1

Eurofins Calscience

Job Narrative 570-268263-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 2/17/2026 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received. The total number of containers is missing on the COC.

Pesticides

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

Metals

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

Eurofins Calscience

Detection Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SD-1

Lab Sample ID: 570-268263-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.23		0.492	0.219	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-1

Lab Sample ID: 570-268263-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	4.6	J	5.0	0.72	ug/Kg	1		8081A	Total/NA
4,4'-DDE	47		15	2.1	ug/Kg	3		8081A	Total/NA
4,4'-DDT	14		5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-2

Lab Sample ID: 570-268263-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12.6		0.443	0.197	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-2

Lab Sample ID: 570-268263-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	2.7	J	5.0	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	43		15	2.1	ug/Kg	3		8081A	Total/NA
4,4'-DDT	6.0		5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-4

Lab Sample ID: 570-268263-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12.2		0.423	0.188	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-4

Lab Sample ID: 570-268263-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	7.4		5.0	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	62		15	2.0	ug/Kg	3		8081A	Total/NA
4,4'-DDT	14		5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-5

Lab Sample ID: 570-268263-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	31.3		0.545	0.242	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-5

Lab Sample ID: 570-268263-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	9.4		5.0	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	120		25	3.4	ug/Kg	5		8081A	Total/NA
4,4'-DDT	24		5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SC-6

Lab Sample ID: 570-268263-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	6.5		5.0	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	69		15	2.0	ug/Kg	3		8081A	Total/NA
4,4'-DDT	17		5.0	1.2	ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SD-6

Lab Sample ID: 570-268263-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11.8		0.584	0.260	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-7

Lab Sample ID: 570-268263-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	12		4.9	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	170		49	6.8	ug/Kg	10		8081A	Total/NA
4,4'-DDT	29		4.9	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-7

Lab Sample ID: 570-268263-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	25.8		0.501	0.223	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-08

Lab Sample ID: 570-268263-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	3.7	J	4.9	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	79		25	3.4	ug/Kg	5		8081A	Total/NA
4,4'-DDT	7.3		4.9	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-8

Lab Sample ID: 570-268263-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10.0		0.490	0.218	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-8

Lab Sample ID: 570-268263-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	6.6		4.9	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	110		25	3.4	ug/Kg	5		8081A	Total/NA
4,4'-DDT	9.0		4.9	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SC-3

Lab Sample ID: 570-268263-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	16		5.0	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	180		50	6.8	ug/Kg	10		8081A	Total/NA
4,4'-DDT	15		5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-3

Lab Sample ID: 570-268263-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	18.6		0.454	0.202	mg/Kg	5		6020B	Total/NA

Client Sample ID: SD-03

Lab Sample ID: 570-268263-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	22.2		0.514	0.229	mg/Kg	5		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: SC-1
Date Collected: 02/13/26 13:30
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	4.6	J	5.0	0.72	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
4,4'-DDE	47		15	2.1	ug/Kg		02/23/26 16:08	02/25/26 21:41	3
4,4'-DDT	14		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
alpha-BHC	ND		5.0	0.59	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
beta-BHC	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Dieldrin	ND		5.0	0.55	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endrin ketone	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 18:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	69		38 - 148	02/23/26 16:08	02/25/26 18:52	1
Tetrachloro-m-xylene (Surr)	69		38 - 148	02/23/26 16:08	02/25/26 21:41	3
DCB Decachlorobiphenyl (Surr)	71		37 - 151	02/23/26 16:08	02/25/26 18:52	1
DCB Decachlorobiphenyl (Surr)	71		37 - 151	02/23/26 16:08	02/25/26 21:41	3

Client Sample ID: SC-2
Date Collected: 02/13/26 14:10
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	2.7	J	5.0	0.71	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
4,4'-DDE	43		15	2.1	ug/Kg		02/23/26 16:08	02/25/26 21:57	3
4,4'-DDT	6.0		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
alpha-BHC	ND		5.0	0.59	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
beta-BHC	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Dieldrin	ND		5.0	0.55	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endrin ketone	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:08	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Client Sample ID: SC-2

Date Collected: 02/13/26 14:10

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	78		38 - 148				02/23/26 16:08	02/25/26 19:08	1
Tetrachloro-m-xylene (Surr)	74		38 - 148				02/23/26 16:08	02/25/26 21:57	3
DCB Decachlorobiphenyl (Surr)	83		37 - 151				02/23/26 16:08	02/25/26 19:08	1
DCB Decachlorobiphenyl (Surr)	79		37 - 151				02/23/26 16:08	02/25/26 21:57	3

Client Sample ID: SC-4

Date Collected: 02/13/26 14:40

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	7.4		5.0	0.71	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
4,4'-DDE	62		15	2.0	ug/Kg		02/23/26 16:08	02/26/26 19:30	3
4,4'-DDT	14		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
alpha-BHC	ND		5.0	0.58	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
beta-BHC	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Dieldrin	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endrin ketone	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
gamma-Chlordane	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Heptachlor epoxide	ND		5.0	0.53	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	74		38 - 148				02/23/26 16:08	02/25/26 19:23	1
Tetrachloro-m-xylene (Surr)	66		38 - 148				02/23/26 16:08	02/26/26 19:30	3
DCB Decachlorobiphenyl (Surr)	78		37 - 151				02/23/26 16:08	02/25/26 19:23	1
DCB Decachlorobiphenyl (Surr)	68		37 - 151				02/23/26 16:08	02/26/26 19:30	3

Client Sample ID: SC-5

Date Collected: 02/13/26 15:15

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	9.4		5.0	0.71	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
4,4'-DDE	120		25	3.4	ug/Kg		02/23/26 16:08	02/26/26 19:46	5
4,4'-DDT	24		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
alpha-BHC	ND		5.0	0.58	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
beta-BHC	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:39	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Client Sample ID: SC-5

Date Collected: 02/13/26 15:15

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		5.0	0.92	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Dieldrin	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endosulfan sulfate	ND		5.0	0.62	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endrin ketone	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
gamma-Chlordane	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Heptachlor epoxide	ND		5.0	0.53	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	79		38 - 148	02/23/26 16:08	02/25/26 19:39	1
Tetrachloro-m-xylene (Surr)	76		38 - 148	02/23/26 16:08	02/26/26 19:46	5
DCB Decachlorobiphenyl (Surr)	90		37 - 151	02/23/26 16:08	02/25/26 19:39	1
DCB Decachlorobiphenyl (Surr)	89		37 - 151	02/23/26 16:08	02/26/26 19:46	5

Client Sample ID: SC-6

Date Collected: 02/13/26 15:35

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	6.5		5.0	0.71	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
4,4'-DDE	69		15	2.0	ug/Kg		02/23/26 16:08	02/26/26 20:31	3
4,4'-DDT	17		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
alpha-BHC	ND		5.0	0.59	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
beta-BHC	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Dieldrin	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endrin ketone	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	72		38 - 148	02/23/26 16:08	02/25/26 19:54	1
Tetrachloro-m-xylene (Surr)	69		38 - 148	02/23/26 16:08	02/26/26 20:31	3
DCB Decachlorobiphenyl (Surr)	72		37 - 151	02/23/26 16:08	02/25/26 19:54	1
DCB Decachlorobiphenyl (Surr)	69		37 - 151	02/23/26 16:08	02/26/26 20:31	3

Eurofins Calscience

Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: SC-7

Date Collected: 02/13/26 16:15

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	12		4.9	0.71	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
4,4'-DDE	170		49	6.8	ug/Kg		02/23/26 16:08	02/26/26 20:47	10
4,4'-DDT	29		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Aldrin	ND		4.9	1.6	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
alpha-BHC	ND		4.9	0.58	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
alpha-Chlordane	ND		4.9	0.56	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
beta-BHC	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
delta-BHC	ND		4.9	0.92	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Dieldrin	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endosulfan I	ND		4.9	1.1	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endosulfan II	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endosulfan sulfate	ND		4.9	0.62	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endrin	ND		4.9	0.67	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endrin aldehyde	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endrin ketone	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
gamma-Chlordane	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
gamma-BHC (Lindane)	ND		4.9	0.51	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Heptachlor	ND		4.9	0.59	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Heptachlor epoxide	ND		4.9	0.53	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Methoxychlor	ND		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	80		38 - 148	02/23/26 16:08	02/25/26 20:09	1
Tetrachloro-m-xylene (Surr)	76		38 - 148	02/23/26 16:08	02/26/26 20:47	10
DCB Decachlorobiphenyl (Surr)	82		37 - 151	02/23/26 16:08	02/25/26 20:09	1
DCB Decachlorobiphenyl (Surr)	88		37 - 151	02/23/26 16:08	02/26/26 20:47	10

Client Sample ID: SC-08

Date Collected: 02/13/26 16:25

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	3.7	J	4.9	0.71	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
4,4'-DDE	79		25	3.4	ug/Kg		02/23/26 16:08	02/26/26 21:02	5
4,4'-DDT	7.3		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Aldrin	ND		4.9	1.6	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
alpha-BHC	ND		4.9	0.58	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
alpha-Chlordane	ND		4.9	0.56	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
beta-BHC	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
delta-BHC	ND		4.9	0.92	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Dieldrin	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endosulfan I	ND		4.9	1.1	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endosulfan II	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endosulfan sulfate	ND		4.9	0.62	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endrin	ND		4.9	0.67	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endrin aldehyde	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endrin ketone	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
gamma-Chlordane	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
gamma-BHC (Lindane)	ND		4.9	0.51	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Heptachlor	ND		4.9	0.59	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Heptachlor epoxide	ND		4.9	0.53	ug/Kg		02/23/26 16:08	02/25/26 20:24	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Client Sample ID: SC-08

Date Collected: 02/13/26 16:25

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	79		38 - 148				02/23/26 16:08	02/25/26 20:24	1
Tetrachloro-m-xylene (Surr)	82		38 - 148				02/23/26 16:08	02/26/26 21:02	5
DCB Decachlorobiphenyl (Surr)	79		37 - 151				02/23/26 16:08	02/25/26 20:24	1
DCB Decachlorobiphenyl (Surr)	92		37 - 151				02/23/26 16:08	02/26/26 21:02	5

Client Sample ID: SC-8

Date Collected: 02/13/26 16:40

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-15

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	6.6		4.9	0.71	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
4,4'-DDE	110		25	3.4	ug/Kg		02/23/26 16:08	02/26/26 21:17	5
4,4'-DDT	9.0		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Aldrin	ND		4.9	1.6	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
alpha-BHC	ND		4.9	0.58	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
alpha-Chlordane	ND		4.9	0.56	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
beta-BHC	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
delta-BHC	ND		4.9	0.92	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Dieldrin	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endosulfan I	ND		4.9	1.1	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endosulfan II	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endosulfan sulfate	ND		4.9	0.62	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endrin	ND		4.9	0.66	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endrin aldehyde	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endrin ketone	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
gamma-Chlordane	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
gamma-BHC (Lindane)	ND		4.9	0.51	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Heptachlor	ND		4.9	0.59	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Heptachlor epoxide	ND		4.9	0.53	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Methoxychlor	ND		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	81		38 - 148				02/23/26 16:08	02/25/26 20:40	1
Tetrachloro-m-xylene (Surr)	74		38 - 148				02/23/26 16:08	02/26/26 21:17	5
DCB Decachlorobiphenyl (Surr)	78		37 - 151				02/23/26 16:08	02/25/26 20:40	1
DCB Decachlorobiphenyl (Surr)	78		37 - 151				02/23/26 16:08	02/26/26 21:17	5

Client Sample ID: SC-3

Date Collected: 02/13/26 17:00

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-16

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	16		5.0	0.71	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
4,4'-DDE	180		50	6.8	ug/Kg		02/23/26 16:08	02/26/26 21:32	10
4,4'-DDT	15		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
alpha-BHC	ND		5.0	0.59	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
beta-BHC	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 20:55	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Client Sample ID: SC-3

Date Collected: 02/13/26 17:00

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-16

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Dieldrin	ND		5.0	0.55	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endrin ketone	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	77		38 - 148				02/23/26 16:08	02/25/26 20:55	1
Tetrachloro-m-xylene (Surr)	79		38 - 148				02/23/26 16:08	02/26/26 21:32	10
DCB Decachlorobiphenyl (Surr)	84		37 - 151				02/23/26 16:08	02/25/26 20:55	1
DCB Decachlorobiphenyl (Surr)	96		37 - 151				02/23/26 16:08	02/26/26 21:32	10

Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method: SW846 6020B - Metals (ICP/MS)

Client Sample ID: SD-1
Date Collected: 02/13/26 13:25
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.23		0.492	0.219	mg/Kg		02/25/26 10:25	02/27/26 00:00	5

Client Sample ID: SD-2
Date Collected: 02/13/26 14:00
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.6		0.443	0.197	mg/Kg		02/25/26 10:25	02/27/26 00:03	5

Client Sample ID: SD-4
Date Collected: 02/13/26 14:40
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.2		0.423	0.188	mg/Kg		02/25/26 10:25	02/27/26 00:11	5

Client Sample ID: SD-5
Date Collected: 02/13/26 15:15
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	31.3		0.545	0.242	mg/Kg		02/25/26 10:25	02/27/26 00:14	5

Client Sample ID: SD-6
Date Collected: 02/13/26 15:36
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11.8		0.584	0.260	mg/Kg		02/25/26 10:25	02/27/26 00:17	5

Client Sample ID: SD-7
Date Collected: 02/13/26 16:15
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	25.8		0.501	0.223	mg/Kg		02/25/26 10:25	02/27/26 00:20	5

Client Sample ID: SD-8
Date Collected: 02/13/26 16:40
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.0		0.490	0.218	mg/Kg		02/25/26 10:25	02/27/26 00:22	5

Client Sample ID: SD-3
Date Collected: 02/13/26 17:00
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18.6		0.454	0.202	mg/Kg		02/25/26 10:25	02/27/26 00:25	5

Client Sample ID: SD-03
Date Collected: 02/13/26 17:05
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	22.2		0.514	0.229	mg/Kg		02/25/26 10:25	02/27/26 13:00	5

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Surrogate Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2	DCB2
		(38-148)	(37-151)
570-268263-2	SC-1	69	71
570-268263-2	SC-1	69	71
570-268263-4	SC-2	78	83
570-268263-4	SC-2	74	79
570-268263-6	SC-4	74	78
570-268263-8	SC-5	79	90
570-268263-9	SC-6	72	72
570-268263-11	SC-7	80	82
570-268263-13	SC-08	79	79
570-268263-15	SC-8	81	78
570-268263-16	SC-3	77	84
LCS 570-699764/12-A	Lab Control Sample	97	102
LCS 570-699764/2-A	Lab Control Sample	102	106
LCSD 570-699764/13-A	Lab Control Sample Dup	101	104
LCSD 570-699764/3-A	Lab Control Sample Dup	102	105
MB 570-699764/1-A	Method Blank	88	100
Surrogate Legend			
TCX = Tetrachloro-m-xylene (Surr)			
DCB = DCB Decachlorobiphenyl (Surr)			

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1	DCB1
		(38-148)	(37-151)
570-268263-6	SC-4	66	68
570-268263-8	SC-5	76	89
570-268263-9	SC-6	69	69
570-268263-11	SC-7	76	88
570-268263-13	SC-08	82	92
570-268263-15	SC-8	74	78
570-268263-16	SC-3	79	96
Surrogate Legend			
TCX = Tetrachloro-m-xylene (Surr)			
DCB = DCB Decachlorobiphenyl (Surr)			

QC Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-699764/1-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 699764

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.72	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
4,4'-DDE	ND		5.0	0.69	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
4,4'-DDT	ND		5.0	1.2	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
alpha-BHC	ND		5.0	0.59	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
beta-BHC	ND		5.0	0.90	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Dieldrin	ND		5.0	0.55	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endosulfan II	ND		5.0	0.55	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endrin ketone	ND		5.0	0.90	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 09:24	02/25/26 18:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	88		38 - 148	02/23/26 09:24	02/25/26 18:06	1
DCB Decachlorobiphenyl (Surr)	100		37 - 151	02/23/26 09:24	02/25/26 18:06	1

Lab Sample ID: LCS 570-699764/12-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 699764

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	97		38 - 148
DCB Decachlorobiphenyl (Surr)	102		37 - 151

Lab Sample ID: LCS 570-699764/2-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 699764

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	25.0	20.89		ug/Kg		84	54 - 154
4,4'-DDE	25.0	21.43		ug/Kg		86	51 - 149
4,4'-DDT	25.0	20.40		ug/Kg		82	39 - 152
Aldrin	25.0	20.95		ug/Kg		84	52 - 138
alpha-BHC	25.0	20.28		ug/Kg		81	51 - 140
alpha-Chlordane	25.0	20.60		ug/Kg		82	53 - 141
beta-BHC	25.0	19.83		ug/Kg		79	53 - 141
delta-BHC	25.0	15.68		ug/Kg		63	20 - 132
Dieldrin	25.0	20.88		ug/Kg		84	52 - 144
Endosulfan I	25.0	19.51		ug/Kg		78	49 - 139

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QC Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Lab Sample ID: LCS 570-699764/2-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 699764

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan II	25.0	19.62		ug/Kg		78	51 - 150
Endosulfan sulfate	25.0	18.88		ug/Kg		76	45 - 139
Endrin	25.0	19.89		ug/Kg		80	53 - 151
Endrin aldehyde	25.0	21.11		ug/Kg		84	31 - 146
Endrin ketone	25.0	18.69		ug/Kg		75	51 - 150
gamma-Chlordane	25.0	19.66		ug/Kg		79	46 - 156
gamma-BHC (Lindane)	25.0	20.19		ug/Kg		81	53 - 141
Heptachlor	25.0	19.41		ug/Kg		78	52 - 144
Heptachlor epoxide	25.0	20.18		ug/Kg		81	54 - 141
Methoxychlor	25.0	19.32		ug/Kg		77	47 - 148

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	102		38 - 148
DCB Decachlorobiphenyl (Surr)	106		37 - 151

Lab Sample ID: LCSD 570-699764/13-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 699764

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	101		38 - 148
DCB Decachlorobiphenyl (Surr)	104		37 - 151

Lab Sample ID: LCSD 570-699764/3-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 699764

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	25.0	20.93		ug/Kg		84	54 - 154	0	30
4,4'-DDE	25.0	21.52		ug/Kg		86	51 - 149	0	28
4,4'-DDT	25.0	20.64		ug/Kg		83	39 - 152	1	31
Aldrin	25.0	21.27		ug/Kg		85	52 - 138	1	30
alpha-BHC	25.0	20.78		ug/Kg		83	51 - 140	2	29
alpha-Chlordane	25.0	20.70		ug/Kg		83	53 - 141	1	28
beta-BHC	25.0	20.52		ug/Kg		82	53 - 141	3	29
delta-BHC	25.0	16.19		ug/Kg		65	20 - 132	3	40
Dieldrin	25.0	20.97		ug/Kg		84	52 - 144	0	28
Endosulfan I	25.0	19.64		ug/Kg		79	49 - 139	1	28
Endosulfan II	25.0	19.68		ug/Kg		79	51 - 150	0	29
Endosulfan sulfate	25.0	19.05		ug/Kg		76	45 - 139	1	30
Endrin	25.0	20.07		ug/Kg		80	53 - 151	1	29
Endrin aldehyde	25.0	20.99		ug/Kg		84	31 - 146	1	40
Endrin ketone	25.0	18.83		ug/Kg		75	51 - 150	1	30
gamma-Chlordane	25.0	19.85		ug/Kg		79	46 - 156	1	39
gamma-BHC (Lindane)	25.0	20.86		ug/Kg		83	53 - 141	3	29
Heptachlor	25.0	20.01		ug/Kg		80	52 - 144	3	29
Heptachlor epoxide	25.0	20.38		ug/Kg		82	54 - 141	1	29
Methoxychlor	25.0	19.53		ug/Kg		78	47 - 148	1	29

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QC Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Lab Sample ID: LCSD 570-699764/3-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 699764

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro- <i>m</i> -xylene (Surr)	102		38 - 148
DCB Decachlorobiphenyl (Surr)	105		37 - 151

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 570-700992/1-A

Matrix: Solid

Analysis Batch: 702027

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 700992

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Arsenic	ND		0.485	0.216	mg/Kg		02/25/26 10:25	02/26/26 23:03		5

Lab Sample ID: LCS 570-700992/2-A

Matrix: Solid

Analysis Batch: 702027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 700992

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Arsenic			198	187.0		mg/Kg		95	80 - 120	

Lab Sample ID: LCSD 570-700992/3-A

Matrix: Solid

Analysis Batch: 702027

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 700992

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic			201	192.1		mg/Kg		96	80 - 120	3	20

QC Association Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

GC Semi VOA

Prep Batch: 699764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-2	SC-1	Total/NA	Solid	3546	
570-268263-4	SC-2	Total/NA	Solid	3546	
570-268263-6	SC-4	Total/NA	Solid	3546	
570-268263-8	SC-5	Total/NA	Solid	3546	
570-268263-9	SC-6	Total/NA	Solid	3546	
570-268263-11	SC-7	Total/NA	Solid	3546	
570-268263-13	SC-08	Total/NA	Solid	3546	
570-268263-15	SC-8	Total/NA	Solid	3546	
570-268263-16	SC-3	Total/NA	Solid	3546	
MB 570-699764/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-699764/12-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 570-699764/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-699764/13-A	Lab Control Sample Dup	Total/NA	Solid	3546	
LCSD 570-699764/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 700740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-2	SC-1	Total/NA	Solid	8081A	699764
570-268263-2	SC-1	Total/NA	Solid	8081A	699764
570-268263-4	SC-2	Total/NA	Solid	8081A	699764
570-268263-4	SC-2	Total/NA	Solid	8081A	699764
570-268263-6	SC-4	Total/NA	Solid	8081A	699764
570-268263-8	SC-5	Total/NA	Solid	8081A	699764
570-268263-9	SC-6	Total/NA	Solid	8081A	699764
570-268263-11	SC-7	Total/NA	Solid	8081A	699764
570-268263-13	SC-08	Total/NA	Solid	8081A	699764
570-268263-15	SC-8	Total/NA	Solid	8081A	699764
570-268263-16	SC-3	Total/NA	Solid	8081A	699764
MB 570-699764/1-A	Method Blank	Total/NA	Solid	8081A	699764
LCS 570-699764/12-A	Lab Control Sample	Total/NA	Solid	8081A	699764
LCS 570-699764/2-A	Lab Control Sample	Total/NA	Solid	8081A	699764
LCSD 570-699764/13-A	Lab Control Sample Dup	Total/NA	Solid	8081A	699764
LCSD 570-699764/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	699764

Analysis Batch: 701655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-6	SC-4	Total/NA	Solid	8081A	699764
570-268263-8	SC-5	Total/NA	Solid	8081A	699764
570-268263-9	SC-6	Total/NA	Solid	8081A	699764
570-268263-11	SC-7	Total/NA	Solid	8081A	699764
570-268263-13	SC-08	Total/NA	Solid	8081A	699764
570-268263-15	SC-8	Total/NA	Solid	8081A	699764
570-268263-16	SC-3	Total/NA	Solid	8081A	699764

Metals

Prep Batch: 700992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-1	SD-1	Total/NA	Solid	3051A	
570-268263-3	SD-2	Total/NA	Solid	3051A	
570-268263-5	SD-4	Total/NA	Solid	3051A	

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QC Association Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Metals (Continued)

Prep Batch: 700992 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-7	SD-5	Total/NA	Solid	3051A	
570-268263-10	SD-6	Total/NA	Solid	3051A	
570-268263-12	SD-7	Total/NA	Solid	3051A	
570-268263-14	SD-8	Total/NA	Solid	3051A	
570-268263-17	SD-3	Total/NA	Solid	3051A	
570-268263-18	SD-03	Total/NA	Solid	3051A	
MB 570-700992/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 570-700992/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-700992/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	

Analysis Batch: 702027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-1	SD-1	Total/NA	Solid	6020B	700992
570-268263-3	SD-2	Total/NA	Solid	6020B	700992
570-268263-5	SD-4	Total/NA	Solid	6020B	700992
570-268263-7	SD-5	Total/NA	Solid	6020B	700992
570-268263-10	SD-6	Total/NA	Solid	6020B	700992
570-268263-12	SD-7	Total/NA	Solid	6020B	700992
570-268263-14	SD-8	Total/NA	Solid	6020B	700992
570-268263-17	SD-3	Total/NA	Solid	6020B	700992
MB 570-700992/1-A	Method Blank	Total/NA	Solid	6020B	700992
LCS 570-700992/2-A	Lab Control Sample	Total/NA	Solid	6020B	700992
LCSD 570-700992/3-A	Lab Control Sample Dup	Total/NA	Solid	6020B	700992

Analysis Batch: 702179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-18	SD-03	Total/NA	Solid	6020B	700992

Lab Chronicle

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SD-1

Date Collected: 02/13/26 13:25

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5081 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:00	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SC-1

Date Collected: 02/13/26 13:30

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.03 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 18:52	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.03 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		3			700740	02/25/26 21:41	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-2

Date Collected: 02/13/26 14:00

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5647 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:03	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SC-2

Date Collected: 02/13/26 14:10

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.04 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 19:08	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.04 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		3			700740	02/25/26 21:57	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-4

Date Collected: 02/13/26 14:40

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5909 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:11	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

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Lab Chronicle

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SC-4

Date Collected: 02/13/26 14:40

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.17 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 19:23	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.17 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		3			701655	02/26/26 19:30	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-5

Date Collected: 02/13/26 15:15

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4591 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:14	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SC-5

Date Collected: 02/13/26 15:15

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.18 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 19:39	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.18 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		5			701655	02/26/26 19:46	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SC-6

Date Collected: 02/13/26 15:35

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.13 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 19:54	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.13 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		3			701655	02/26/26 20:31	N5Y3	EET CAL 4
Instrument ID: GC54A										

Lab Chronicle

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SD-6

Lab Sample ID: 570-268263-10

Date Collected: 02/13/26 15:36

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4280 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:17	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SC-7

Lab Sample ID: 570-268263-11

Date Collected: 02/13/26 16:15

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.22 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 20:09	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.22 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		10			701655	02/26/26 20:47	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-7

Lab Sample ID: 570-268263-12

Date Collected: 02/13/26 16:15

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4991 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:20	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SC-08

Lab Sample ID: 570-268263-13

Date Collected: 02/13/26 16:25

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.22 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 20:24	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.22 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		5			701655	02/26/26 21:02	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-8

Lab Sample ID: 570-268263-14

Date Collected: 02/13/26 16:40

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5106 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:22	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

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Lab Chronicle

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SC-8

Lab Sample ID: 570-268263-15

Date Collected: 02/13/26 16:40

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.29 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 20:40	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.29 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		5			701655	02/26/26 21:17	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SC-3

Lab Sample ID: 570-268263-16

Date Collected: 02/13/26 17:00

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.09 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 20:55	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.09 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		10			701655	02/26/26 21:32	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-3

Lab Sample ID: 570-268263-17

Date Collected: 02/13/26 17:00

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5503 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:25	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SD-03

Lab Sample ID: 570-268263-18

Date Collected: 02/13/26 17:05

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4862 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702179	02/27/26 13:00	UFLE	EET CAL 4
Instrument ID: ICPMS10										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8081A	3546	Solid	alpha-Chlordane
8081A	3546	Solid	gamma-Chlordane

Method Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	EET CAL 4
6020B	Metals (ICP/MS)	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
570-268263-1	SD-1	Solid	02/13/26 13:25	02/17/26 09:35	California
570-268263-2	SC-1	Solid	02/13/26 13:30	02/17/26 09:35	California
570-268263-3	SD-2	Solid	02/13/26 14:00	02/17/26 09:35	California
570-268263-4	SC-2	Solid	02/13/26 14:10	02/17/26 09:35	California
570-268263-5	SD-4	Solid	02/13/26 14:40	02/17/26 09:35	California
570-268263-6	SC-4	Solid	02/13/26 14:40	02/17/26 09:35	California
570-268263-7	SD-5	Solid	02/13/26 15:15	02/17/26 09:35	California
570-268263-8	SC-5	Solid	02/13/26 15:15	02/17/26 09:35	California
570-268263-9	SC-6	Solid	02/13/26 15:35	02/17/26 09:35	California
570-268263-10	SD-6	Solid	02/13/26 15:36	02/17/26 09:35	California
570-268263-11	SC-7	Solid	02/13/26 16:15	02/17/26 09:35	California
570-268263-12	SD-7	Solid	02/13/26 16:15	02/17/26 09:35	California
570-268263-13	SC-08	Solid	02/13/26 16:25	02/17/26 09:35	California
570-268263-14	SD-8	Solid	02/13/26 16:40	02/17/26 09:35	California
570-268263-15	SC-8	Solid	02/13/26 16:40	02/17/26 09:35	California
570-268263-16	SC-3	Solid	02/13/26 17:00	02/17/26 09:35	California
570-268263-17	SD-3	Solid	02/13/26 17:00	02/17/26 09:35	California
570-268263-18	SD-03	Solid	02/13/26 17:05	02/17/26 09:35	California

Client Information		Sampler: <u>Shawn Skeete Foster</u>		Lab PM: <u>Moffatt, Jennifer</u>		Carrier Tracking No(s):		COC No: <u>570-156668-308</u>	
Client Contact: <u>Audrey Herschberger</u>		Phone: <u>(530) 615-0970</u>		E-Mail: <u>Jennifer.Moffatt@et.eurofinsus.com</u>		State of Origin:		Page: <u>1 of 1</u>	
Company: <u>Dudek & Associates</u>		PWSID:		Analysis Requested					
Address: <u>1 SW Columbia Street</u>		Due Date Requested:		 570-268263 Chain of Custody					
City: <u>Portland</u>		TAT Requested (days): <u>Standard</u>							
State, Zip: <u>OR, 97258</u>		Compliance Project: ☐ Yes ☒ No							
Phone: <u>971-930-1706(Tel)</u>		PO #: <u>Purchase Order Requested</u>							
Email: <u>aherschberger@dudek.com</u>		WO #:							
Project Name: <u>Watsonville Soil Sampling</u>		Project #: <u>57029093</u>		Preservation Codes: <u>N - None</u>					
Site:		SSOW#:		Job #: <u>268263</u>					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - (MOD) Arsenic										Total Number of container	Special Instructions/Note:
							8081A - Routine Organochlorine Pesticides List											
							N	N										
SD-1	1	2/13/26	1325	G	Solid			X										
SC-1	2	2/13/26	1330	C	Solid		X											
SD-2	3	2/13/26	1400	G	Solid			X										
SC-2	4	2/13/26	1410	C	Solid		X											
SD-4	5	2/13/26	1440	G	Solid			X										
SC-4	6	2/13/26	1440	C	Solid		X											
SD-5	7	2/13/26	1515	G	Solid			X										
SC-5	8	2/13/26	1515	C	Solid		X											
SC-6	9	2/13/26	1535	C	Solid		X											
SD-6	10	2/13/26	1536	G	Solid			X										
SC-6 SC-7	11	2/13/26	1615	C	Solid		X											

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:			

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <u>Shawn Skeete</u>		Date/Time: <u>14 FEB 26 / 1230</u>		Company: <u>Dudek</u>		Received by: <u>OSM</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>02/16/26 1630</u>		Company: <u>EOWWW-SSC</u>		Received by: <u>Fedex</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>02/17/26 935</u>		Company: <u>EC</u>		Received by: <u>[Signature]</u>	

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: <u>20/26 IR4</u>
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[illegible]

Client Information		Sampler: <u>Shawn Skeete Foster</u>		Lab PM: <u>Moffatt, Jennifer</u>		Carrier Tracking No(s):		COC No: <u>570-156668-308</u>	
Client Contact: <u>Audrey Herschberger</u>		Phone: <u>(530) 615-0970</u>		E-Mail: <u>Jennifer.Moffatt@et.eurofinsus.com</u>		State of Origin:		Page: <u>1 of 1</u>	
Company: <u>Dudek & Associates</u>		PWSID:		Analysis Requested					
Address: <u>1 SW Columbia Street</u>		Due Date Requested:		 570-268263 Chain of Custody					
City: <u>Portland</u>		TAT Requested (days): <u>Standard</u>							
State, Zip: <u>OR, 97258</u>		Compliance Project: ☐ Yes ☒ No							
Phone: <u>971-930-1706(Tel)</u>		PO #: <u>Purchase Order Requested</u>							
Email: <u>aherschberger@dudek.com</u>		WO #:							
Project Name: <u>Watsonville Soil Sampling</u>		Project #: <u>57029093</u>		Preservation Codes: <u>N - None</u>					
Site:		SSOW#:		Job #: <u>268263</u>					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - (MOD) Arsenic										Total Number of container	Special Instructions/Note:
							8081A - Routine Organochlorine Pesticides List											
SD-1	2/13/26	1325	G	Solid			X											
SC-1	2/13/26	1330	C	Solid		X												
SD-2	2/13/26	1400	G	Solid			X											
SC-2	2/13/26	1410	C	Solid		X												
SD-4	2/13/26	1440	G	Solid			X											
SC-4	2/13/26	1440	C	Solid		X												
SD-5	2/13/26	1515	G	Solid			X											
SC-5	2/13/26	1515	C	Solid		X												
SC-6	2/13/26	1535	C	Solid		X												
SD-6	2/13/26	1536	G	Solid			X											
SC-7	2/13/26	1615	C	Solid		X												

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:			

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <u>Shawn Skeete</u>		Date/Time: <u>14 FEB 26 / 1230</u>		Company: <u>Dudek</u>		Received by: <u>OSM</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>02/16/26 1630</u>		Company: <u>EOWWW-SSC</u>		Received by: <u>Fedex</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>2/17/26 935</u>		Company: <u>EC</u>		Received by: <u>[Signature]</u>	

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: <u>20/26 IR4</u>
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Login Sample Receipt Checklist

Client: Dudek & Associates

Job Number: 570-268263-1

Login Number: 268263

List Source: Eurofins Calscience

List Number: 1

Creator: Le, Sunny

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Total number of containers not recorded
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix 3.5E

Contaminated Soil Mitigation Study

Contaminated Soil Mitigation Study

Seahawk Battery Energy Storage System Project

90 Minto Road
Watsonville, Santa Cruz County, California

MAY 2026

Prepared for:

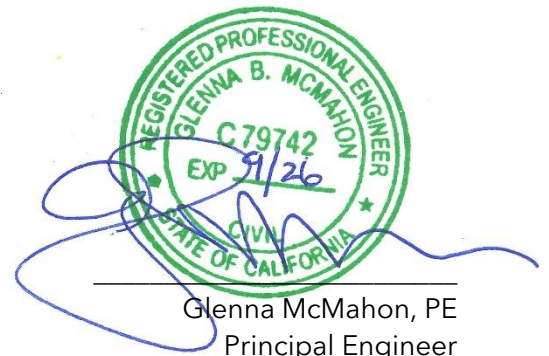
NEW LEAF ENERGY

55 Technology Drive, Suite 102
Lowell, Massachusetts 01851

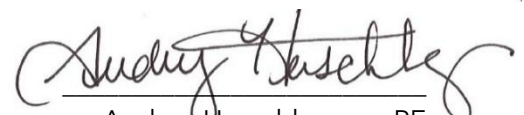
Prepared by:

DUDEK

Corporate Office:
687 S. Coast Highway 101, Suite 110
Encinitas, California 92024



Glenna McMahon, PE
Principal Engineer



Audrey Herschberger, PE
Environmental Engineer

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APPENDIX

A Laboratory Analytical Report	
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Acronyms and Abbreviations

Acronym	Definition
BESS	battery energy storage system
bgs	below ground surface
ESA	Environmental Site Assessment
ESL	Environmental Screening Level
mg/kg	milligrams per kilogram
project	Seahawk Battery Energy Storage System Project

1 Introduction

This contaminated soil mitigation study has been prepared for the Seahawk Battery Energy Storage System Project (project), located at 90 Minto Road, Watsonville, Santa Cruz County, California (site). This study has been prepared for inclusion in the Assembly Bill 205 application for submittal to the California Energy Commission.

The intent of this study is to summarize current site conditions, including the known extent of soil contamination; evaluate potential risk exposure pathways present at the site; evaluate mitigation alternatives; and determine the best mitigative action for implementation of the proposed project. Mitigative action alternatives are evaluated based on protectiveness of human health and the environment, cost, feasibility, and ability to restore or protect current and potential future beneficial site uses. Mitigative actions are not intended to be remedial actions for the entire site; rather, they are intended to reduce and/or eliminate potential adverse impacts to human health and the environment during implementation of the proposed project. Areas of the site not included in proposed construction and operation will not be included in proposed mitigative actions.

This study is organized as follows:

- **Section 2. Current Conditions.** This section describes history of past releases, completed site assessments, and the environmental setting.
- **Section 3. Assessment of Impacts.** This section discusses type and extent of identified contamination and exposure concerns, including toxicity of contaminants, exposure pathways, and potential receptors.
- **Section 4. Mitigation Evaluation.** This section summarizes the objectives for any proposed mitigation and identifies goals.
- **Section 5. Proposed Mitigation.** This section discusses the steps to implement the proposed mitigation for the site. The chosen mitigation will be protective of human health and the environment, attain cleanup standards, control release sources, and comply with applicable waste management standards.
- **Section 6. References.** This section includes references for all sources cited in this study.

2 Current Conditions

The site, located at 90 Minto Road, Watsonville, Santa Cruz County, California, encompasses 47 acres on Assessor's Parcel Numbers 051-101-77 and 051-101-78 (Figure 1, Site Location). College Lake is located to the northeast of the site, and the Pacific Gas and Electric Company Green Valley Substation adjoins the site to the west. The site is currently used for agricultural purposes, specifically an apple orchard.

2.1 Site Background

A Phase I Environmental Site Assessment (ESA) was conducted by EBI Consulting in November 2025 (EBI 2025). The Phase I ESA identified a Business Environmental Risk associated with the current and former agricultural use, which began in the 1920s and may have resulted in pesticide- and/or herbicide-related impacts to surface soils. The Phase I ESA recommended limited subsurface investigation at the project site to evaluate soil conditions (EBI 2025).

To confirm the presence of contamination associated with the Business Environmental Risk, Dudek conducted soil sampling within the proposed areas of construction, including the proposed battery energy storage system (BESS) area, landscaping, and roads, which total approximately 19.4 acres within the project site (proposed construction area) (Figure 2, Proposed Area of Construction) (Dudek 2026). Soil sampling included collection of composite samples, which were analyzed for organochlorine pesticides by U.S. Environmental Protection Agency Method 8081A, and discrete samples, which were analyzed for total arsenic by U.S. Environmental Protection Agency Method 6020B. All samples were collected approximately 6 inches below ground surface (bgs). Organochlorine pesticide concentrations were compared to Environmental Screening Levels (ESLs) for commercial/industrial land use (commercial ESLs) (SFBRWQCB 2026) and arsenic concentrations were compared to regional background concentrations (Duvergé 2011). Soil sampling and analysis identified the following conditions:

- Organochlorine pesticides, specifically 4,4-DDD, 4,4-DDE, and 4,4-DDT, were detected in all soil samples at combined concentrations ranging from 0.052 milligrams per kilogram (mg/kg) to 0.21 mg/kg. All detected concentrations of 4,4-DDD, 4,4-DDE, and 4,4-DDT were below their respective commercial ESL, and the combined concentrations were below hazardous waste criteria (Figure 3, Total Organochlorine Pesticides Concentrations).
- Arsenic was detected in all soil samples at concentrations ranging from 8.23 mg/kg to 31.3 mg/kg. Six of the eight sample concentrations exceeded the regional background arsenic concentration of 11 mg/kg (Figure 4, Arsenic Concentrations).
- Based on the chlorinated pesticide concentrations and elevated arsenic concentrations, it can be assumed that the elevated arsenic concentrations in shallow soils are not naturally occurring and are instead due to past pesticide application at the site.

2.2 Environmental Setting

2.2.1 Site Topography

The site is located in southern Santa Cruz County, southwest of College Lake. Minto Road bisects the northern portion of the site. The natural topography is primarily flat across much of the site, with elevations ranging from approximately 100 to 120 feet above mean sea level (Google Earth 2026).

2.2.2 Site Geology and Soil Type

Approximately half of the site is made up of Watsonville loams, which are very hydric soils that form under conditions of saturation, flooding, or ponding. The other approximate half of the site is made up of Pinto loams, which are less hydric and considered excellent agricultural soils (Rush & Duttie 2024). Physical observations during the Phase I ESA identified poorly drained loam and clay in the eastern half of the site, and moderately well-drained sandy clay loam in the western half of the site (EBI 2025).

2.2.3 Site Hydrogeologic Setting

The site is located within the Pajaro River Watershed, approximately 650 feet west-southwest of College Lake, a seasonal lake. Surface water currently drains northwest and southeast, with a ridge separating drainage from the north and south sides into two distinct valleys; the valleys drain easterly, eventually entering the high-water elevation of College Lake (New Leaf Energy 2025).

The site overlies the Pajaro Valley Groundwater Subbasin. Shallow groundwater is estimated to be between 10.2 and 16 feet below existing grade (Haley & Aldrich 2025). While soil saturation is typically observed during seasonal rains (Rush & Duttie 2024), this saturation appears to be due to the presence of hydric soils with layers of low permeability and not due to elevated groundwater (Haley & Aldrich 2025). Multiple groundwater wells are located on the site and are used for irrigation and domestic purposes. The only well with publicly available data, USGS-365702121452801, has a recorded depth of 265 feet bgs (SWRCB 2026). Based on available information, shallow groundwater is present between 10.2 and 16 feet bgs, but is not used for beneficial uses. Groundwater for beneficial uses is present from at least 200 feet bgs.

2.2.4 Features Influencing Contaminant Migration

Based on observations and data collected during the soil sampling activities, the main source of contamination within the proposed areas of construction appears to be arsenic, which was likely a chemical component of pesticides applied using irrigation techniques. This impacts surface soils within the proposed areas of construction. Based on Dudek's knowledge of agricultural properties, pesticide-related impacts are typically limited to the top 2 feet of soil.

Wind, stormwater flow, and future development may influence contaminant migration. Winds and stormwater could mobilize arsenic-impacted soil, and future development could disturb arsenic-impacted soil, exposing workers to arsenic contamination and creating arsenic-contaminated dust.

3 Assessment of Impacts

3.1 Contaminants of Concern

As discussed in Section 2.1, Site Background, arsenic has been identified within the proposed areas of construction at concentrations above background. Background arsenic naturally occurs at concentrations above regulatory screening levels in the State of California (Duvergé 2011). Organochlorine pesticides, including 4,4-DDD, 4,4-DDE, and 4,4-DDT, were observed across the site but concentrations were below commercial ESLs. Laboratory results are shown on Figures 3 and 4, and the analytical report is provided as Appendix A. As arsenic is the only contaminant of concern above applicable screening levels, mitigative actions will focus on elevated arsenic concentrations that may result in risk to human health and the environment during implementation of the proposed project. For the purposes of this mitigation study, the background concentration of 11 mg/kg will be used as a screening level.

Toxicity characteristics of arsenic are discussed below. Information is based on the Agency for Toxic Substances and Disease Registry's online toxicological profiles and/or other resources as cited in the specific sections below (ATSDR 2026).

3.1.1 Arsenic

Arsenic can be gray or yellow but will probably not be visible as a mixture in soil. Arsenic does not break down; it only changes form. Arsenic is a skin irritant that causes redness and swelling. Inhalation or ingestion exposure to arsenic can cause nausea and vomiting, decreased production of blood cells, abnormal heart rhythm, and a “pins and needles” sensation in the hands and feet. Chronic exposure to arsenic at low levels can cause discoloration of the skin and the appearance of small warts. Following are the exposure and screening levels:

- The permissible exposure limit for arsenic in air is 0.2 milligrams per cubic meter (OSHA 2026).
- No short-term exposure limit has been established for arsenic in air (OSHA 2026).
- The ESLs for arsenic in soil in a commercial land use setting are 0.14 mg/kg (commercial shallow soil exposure) and 1.1 mg/kg (construction worker exposure) (SFBRWQCB 2026).
- The regional background concentration for arsenic in soils is 11 mg/kg (Duvergé 2011).
- Hazardous waste criteria for arsenic are 500 mg/kg and 5.0 milligrams per liter (22 CCR Section 66261.24).
- Arsenic is known to the State of California to cause cancer and reproductive harm (OEHHA 2025).

Arsenic exists in a variety of forms in soils and sediments, and its fate and solubility are generally based on the oxidation state and chemical species (ATSDR 2026).

3.2 Delineation of Contamination

Arsenic concentrations exceed background concentrations across the proposed areas of construction (Figure 4).

Soil. Arsenic contamination can be attributed to irrigation-applied pesticides with elevated concentrations of arsenical compounds. Due to the type of surface-level application, pesticide-related impacts on agricultural

properties are typically limited to the top 2 feet of soil. It is therefore assumed, for the purposes of this study, that soil impacts are not likely to extend greater than 2 feet bgs.

Groundwater. As discussed in Section 2.2.3, Site Hydrogeologic Setting, shallow groundwater is present between 10.2 and 16 feet bgs but is not used for beneficial uses. Groundwater for beneficial uses is present from at least 200 feet bgs.

As soil impacts are not anticipated to extend beyond 2 feet bgs, and shallow groundwater is greater than 10 feet, groundwater impacts are not expected to be present.

Surface Water. Surface water currently drains northwest and southeast, with a ridge separating drainage from the north and south sides into two distinct valleys; the valleys drain easterly, eventually entering the high-water elevation of College Lake (New Leaf Energy 2025). Surface water flow could mobilize contaminated surface soils, which could result in arsenic impacts off site or to College Lake.

3.3 Exposure Concerns

Proposed future use of the site would be construction of a BESS on a portion of the site, with continued commercial agricultural use on the remainder of the site. As continued agricultural use is not part of the proposed project, and land use would not change from current conditions, exposure concerns will only be evaluated based on proposed implementation of the project within the proposed areas of construction. As the proposed BESS would be a commercial operation, exposure concerns are based on a commercial land use setting.

Complete pathways, receptors, and risks of the proposed construction area are summarized as follows:

Continued Use for Commercial/Industrial Purposes

- Impacted soils, which are mainly surficial, may impact on-site workers both during construction and operation of the proposed BESS. Receptors may ingest, inhale, or have dermal contact with contaminated soils. Arsenic-impacted soils may also become airborne by dust generated during construction. Concentrations of arsenic are above background concentrations, which may result in both cancer and non-cancer risks.
- Impacted surface soils may also result in surface water impacts via runoff and weathering. College Lake is downgradient from the site, and stormwater could carry arsenic-laden soils to the lake. Concentrations of arsenic in College Lake could threaten and impair freshwater habitat and wildlife habitat.

4 Mitigation Evaluation

4.1 Mitigation Objectives

The objective of mitigation is to reduce/eliminate risks associated with exposure and mobilization of arsenic-impacted soils at the site due to implementation of the project. As stated in Section 3.3, Exposure Concerns, risks include direct contact with soil, dust generation during construction, and mobilization due to stormwater runoff.

4.2 Proposed Mitigation

The following mitigation measures were evaluated based on the proposed project and engineering design.

Action 1: No Action. This action assumes construction and operation of the BESS would occur with no actions to mitigate arsenic-impacted soils.

Action 2: Contaminated Soil Removal and Off-Site Disposal. This action assumes all contaminated soil (soil with arsenic concentrations above regional background concentrations) would be excavated and removed for off-site disposal. This action assumes concentrations above background concentrations are an average of 1 foot deep across the entire 19.4-acre site. Total soil removal would be approximately 36,500 tons. Soil would be disposed of as nonhazardous solid waste at a municipal solid waste landfill. A soil management plan and health and safety plan would be developed and implemented during soil removal activities.

Action 3: Encapsulation. The proposed civil designs of the BESS would result in a completely impervious surface across the proposed areas of construction, which would include concrete pads for BESS structures and an impervious geomembrane beneath gravel surfaces. The civil designs would also include grading and stormwater capture in on-site biofiltration basins that are designed to retain all stormwater and would not infiltrate or discharge (except for emergency conditions). Arsenic-impacted soil would be encapsulated, eliminating exposure to on-site workers and stormwater. A soil management plan, an operations and maintenance plan, and a health and safety plan would be developed and implemented for the lifetime of the project.

4.3 Mitigation Feasibility

The following factors were considered when evaluating overall feasibility of potential mitigation measures:

- Regulatory standards. The action must be protective of human health and the environment, control the source of contamination, and comply with applicable standards for waste management.
- Short- and long-term effectiveness. The action must be effective over the lifetime of the project.
- Feasibility of implementation. Technical and administrative feasibility of construction and operation.
- Cost.

Table 1 provides a summary of the proposed mitigation actions and their feasibility. Each option is ranked from 1 (worst) to 3 (best) based on each criterion and all options. The option with the highest score is deemed the “best” based on all criteria evaluated.

Table 1. Mitigation Feasibility

Criteria	Action and Score					
	Action 1. No Action		Action 2. Contaminated Soil Removal and Off-Site Disposal		Action 3. Encapsulation	
Regulatory Standards	Does not meet. Construction on the contaminated site without mitigative controls would result in exposure of on-site workers and surface water, and potential off-site impacts associated with elevated arsenic levels in dust and runoff. Arsenic is a toxic substance, regulated on a federal and state level.	1	Meets standards. Soil would be fully characterized, transported, and disposed of in accordance with federal and state regulatory standards. Soil with arsenic above background concentrations would be removed; therefore, the site would meet requirements for commercial land use.	3	Meets standards. Action would be protective of human health and the environment, although contamination would remain. Agricultural use would cease, and remaining contamination would be encapsulated, further reducing future impacts. Waste, if generated, would be managed in accordance with federal and state regulations.	2
Effectiveness	None. No reduction in contamination would occur, and arsenic-impacted soils would be mobilized during construction. Exposure to on-site workers and surface water would occur, and contaminated dust could be generated.	1	Good. All impacted soils would be removed to meet regional background concentrations.	3	Good. While contamination would remain, it would be fully encapsulated, removing exposure concerns (direct contact, dust, and stormwater). Long-term maintenance and protective measures would be implemented.	2
Feasibility	Simple. No action would occur.	3	Moderate to complex. Adhere to rules and regulations for soil removal and testing. Subcontractors would be licensed and trained to handle waste. Availability of funds for implementation is limited.	1	Simple to moderate. Civil designs already include features required for mitigation, including impervious geomembranes and stormwater retention. No modifications are necessary. Implementation would happen as a part of construction. Long-term maintenance and protective measures would be implemented.	2

Table 1. Mitigation Feasibility

Criteria	Action and Score					
	Action 1. No Action		Action 2. Contaminated Soil Removal and Off-Site Disposal		Action 3. Encapsulation	
Cost	Unknown. No mitigative actions could result in unforeseen impacts, such as contaminant releases, which could result in cleanup costs and/or fines. Costs could be between tens of thousands or hundreds of thousands of dollars.	2	High. Full soil removal requires heavy equipment, transportation, appropriate licensure and training of subcontractors, and disposal and testing costs. Estimated volumes are tens of thousands of tons, resulting in disposal costs in millions of dollars.	1	Low. Civil designs already include features required for mitigation. Low costs would occur with development of plans (soil management, health and safety, operations and maintenance). Costs could be upward of tens of thousands of dollars.	3
Total Score	7		8		9	

Note: Each option is ranked from 1 (worst) to 3 (best) based on each criterion and all options. The option with the highest score is deemed the “best” based on all criteria evaluated.

5 Proposed Mitigation

Actions 1 through 3 were compared and ranked as shown in Table 1. Each score considers the action evaluation criteria (regulatory standards, effectiveness, feasibility, and cost). Scores were determined based upon the “best option” (e.g., lowest cost or most protective) and “worst option” (e.g., highest cost or least protective).

Based on this evaluation, Action 3, Encapsulation, was determined to be the best mitigation action. While this option allows for contamination to remain encapsulated on site, requiring long-term maintenance and controls, costs are not prohibitive, protective measures are already included in civil engineering designs, and future land use as a BESS can occur. Given the considerations for protective nature of the remedy, cost, and the plan for continued commercial use of the site, Action 3 is proposed.

5.1 Plans and Specifications

The following plans and specifications will be prepared as project design features, and are further discussed and detailed in the Assembly Bill 205 application:

- Civil designs that illustrate a fully impervious BESS after construction and stormwater collection and retention
- A preliminary soil management plan to be implemented during construction of the BESS and during any future construction activities requiring excavation or soil disturbance
- A preliminary operations and maintenance plan that includes an inspection schedule and maintenance procedures for the impervious surfaces and stormwater retention system

All work that requires excavation into, grading of, or otherwise handling soil will be completed under a site-specific health and safety plan. Excavation and grading activities are likely to disturb more than 1 acre of soil; therefore, a National Pollutant Discharge Elimination System construction permit would be obtained and a construction stormwater pollution prevention plan would be prepared. Air permitting and monitoring would be completed under Monterey Bay Unified Air Pollution Control District applicable rules.

6 References

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- Rush & Dutt  (Rush & Dutt  Consulting). 2024. *Agricultural Land Assessment of APN 051-101-77 and 051-101-78, 90 Minto Road, Watsonville, California*. August 30, 2024.
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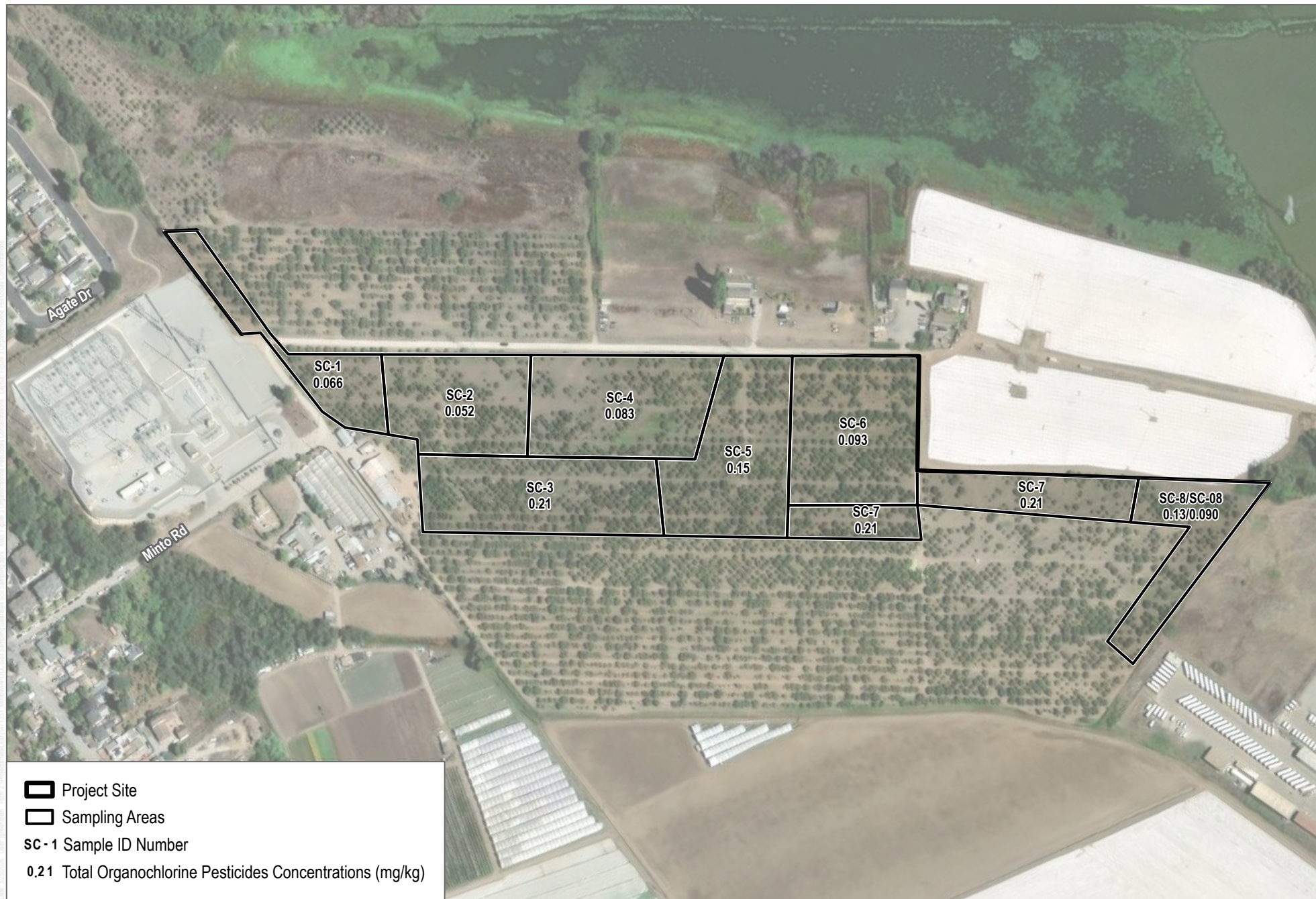


SOURCE: New Leaf Energy 2025; Maxar 2024; Open Street Map 2023

FIGURE 2

Proposed Area of Construction

Seahawk Battery Energy Storage System Project



SOURCE: Maxar 2024; Open Street Map 2023



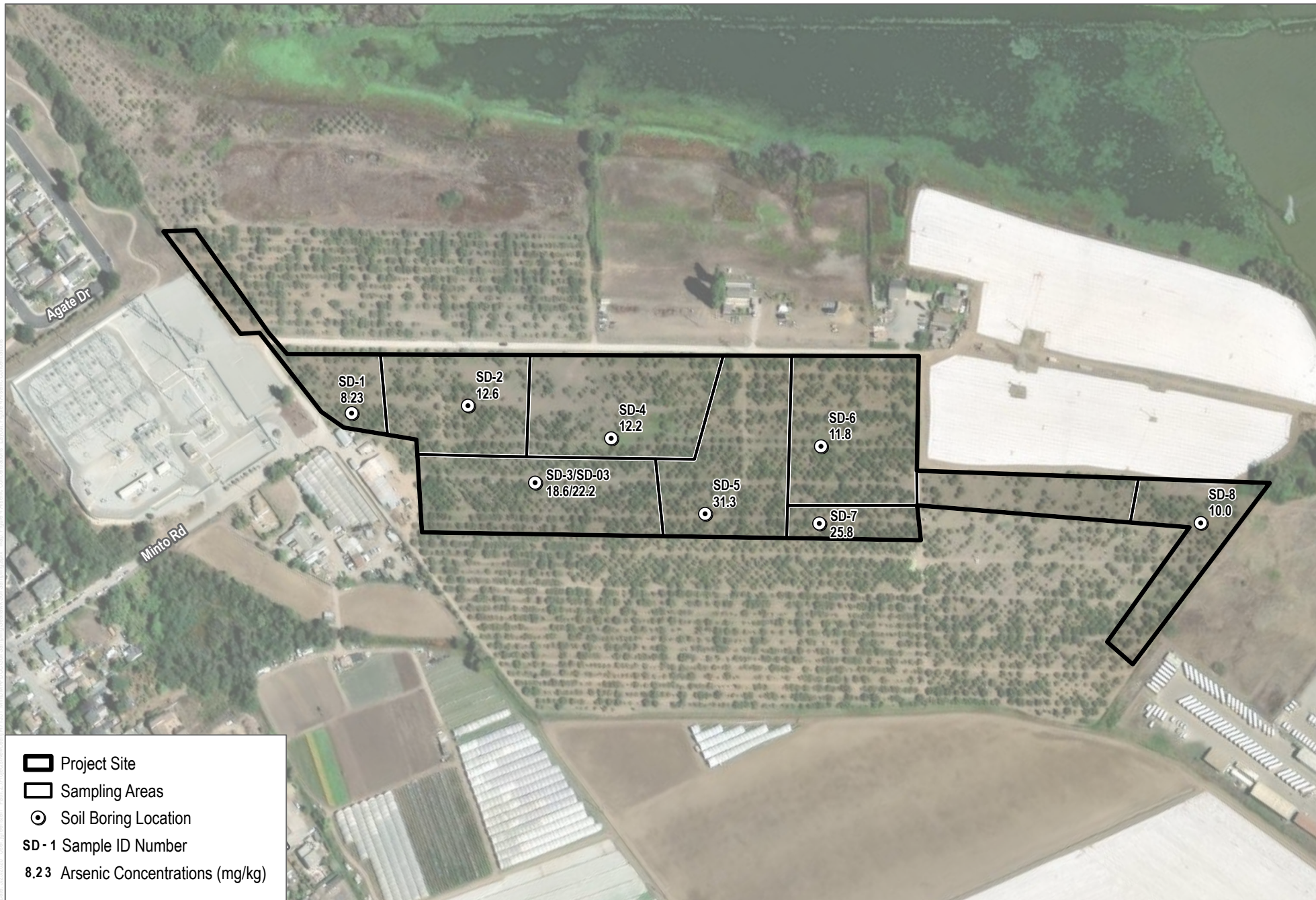


FIGURE 4

Arsenic Concentrations

Seahawk Battery Energy Storage System Project

Appendix A

Laboratory Analytical Report

ANALYTICAL REPORT

PREPARED FOR

Attn: Audrey Herschberger
Dudek & Associates
1 SW Columbia Street
Portland, Oregon 97258

Generated 2/27/2026 3:43:07 PM

JOB DESCRIPTION

Watsonville Soil Sampling

JOB NUMBER

570-268263-1

Eurofins Calscience

Job Notes

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

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

Authorization



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Authorized for release by
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Definitions/Glossary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: Dudek & Associates
Project: Watsonville Soil Sampling

Job ID: 570-268263-1

Job ID: 570-268263-1

Eurofins Calscience

Job Narrative 570-268263-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 2/17/2026 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received. The total number of containers is missing on the COC.

Pesticides

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

Metals

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

Eurofins Calscience

Detection Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SD-1

Lab Sample ID: 570-268263-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.23		0.492	0.219	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-1

Lab Sample ID: 570-268263-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	4.6	J	5.0	0.72	ug/Kg	1		8081A	Total/NA
4,4'-DDE	47		15	2.1	ug/Kg	3		8081A	Total/NA
4,4'-DDT	14		5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-2

Lab Sample ID: 570-268263-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12.6		0.443	0.197	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-2

Lab Sample ID: 570-268263-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	2.7	J	5.0	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	43		15	2.1	ug/Kg	3		8081A	Total/NA
4,4'-DDT	6.0		5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-4

Lab Sample ID: 570-268263-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12.2		0.423	0.188	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-4

Lab Sample ID: 570-268263-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	7.4		5.0	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	62		15	2.0	ug/Kg	3		8081A	Total/NA
4,4'-DDT	14		5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-5

Lab Sample ID: 570-268263-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	31.3		0.545	0.242	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-5

Lab Sample ID: 570-268263-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	9.4		5.0	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	120		25	3.4	ug/Kg	5		8081A	Total/NA
4,4'-DDT	24		5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SC-6

Lab Sample ID: 570-268263-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	6.5		5.0	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	69		15	2.0	ug/Kg	3		8081A	Total/NA
4,4'-DDT	17		5.0	1.2	ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SD-6

Lab Sample ID: 570-268263-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11.8		0.584	0.260	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-7

Lab Sample ID: 570-268263-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	12		4.9	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	170		49	6.8	ug/Kg	10		8081A	Total/NA
4,4'-DDT	29		4.9	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-7

Lab Sample ID: 570-268263-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	25.8		0.501	0.223	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-08

Lab Sample ID: 570-268263-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	3.7	J	4.9	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	79		25	3.4	ug/Kg	5		8081A	Total/NA
4,4'-DDT	7.3		4.9	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-8

Lab Sample ID: 570-268263-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10.0		0.490	0.218	mg/Kg	5		6020B	Total/NA

Client Sample ID: SC-8

Lab Sample ID: 570-268263-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	6.6		4.9	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	110		25	3.4	ug/Kg	5		8081A	Total/NA
4,4'-DDT	9.0		4.9	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SC-3

Lab Sample ID: 570-268263-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	16		5.0	0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	180		50	6.8	ug/Kg	10		8081A	Total/NA
4,4'-DDT	15		5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: SD-3

Lab Sample ID: 570-268263-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	18.6		0.454	0.202	mg/Kg	5		6020B	Total/NA

Client Sample ID: SD-03

Lab Sample ID: 570-268263-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	22.2		0.514	0.229	mg/Kg	5		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: SC-1
Date Collected: 02/13/26 13:30
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	4.6	J	5.0	0.72	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
4,4'-DDE	47		15	2.1	ug/Kg		02/23/26 16:08	02/25/26 21:41	3
4,4'-DDT	14		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
alpha-BHC	ND		5.0	0.59	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
beta-BHC	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Dieldrin	ND		5.0	0.55	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Endrin ketone	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 18:52	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 18:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	69		38 - 148	02/23/26 16:08	02/25/26 18:52	1
Tetrachloro-m-xylene (Surr)	69		38 - 148	02/23/26 16:08	02/25/26 21:41	3
DCB Decachlorobiphenyl (Surr)	71		37 - 151	02/23/26 16:08	02/25/26 18:52	1
DCB Decachlorobiphenyl (Surr)	71		37 - 151	02/23/26 16:08	02/25/26 21:41	3

Client Sample ID: SC-2
Date Collected: 02/13/26 14:10
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	2.7	J	5.0	0.71	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
4,4'-DDE	43		15	2.1	ug/Kg		02/23/26 16:08	02/25/26 21:57	3
4,4'-DDT	6.0		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
alpha-BHC	ND		5.0	0.59	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
beta-BHC	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Dieldrin	ND		5.0	0.55	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Endrin ketone	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:08	1

Eurofins Calscience

Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Client Sample ID: SC-2

Date Collected: 02/13/26 14:10

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	78		38 - 148				02/23/26 16:08	02/25/26 19:08	1
Tetrachloro-m-xylene (Surr)	74		38 - 148				02/23/26 16:08	02/25/26 21:57	3
DCB Decachlorobiphenyl (Surr)	83		37 - 151				02/23/26 16:08	02/25/26 19:08	1
DCB Decachlorobiphenyl (Surr)	79		37 - 151				02/23/26 16:08	02/25/26 21:57	3

Client Sample ID: SC-4

Date Collected: 02/13/26 14:40

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	7.4		5.0	0.71	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
4,4'-DDE	62		15	2.0	ug/Kg		02/23/26 16:08	02/26/26 19:30	3
4,4'-DDT	14		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
alpha-BHC	ND		5.0	0.58	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
beta-BHC	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Dieldrin	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Endrin ketone	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
gamma-Chlordane	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Heptachlor epoxide	ND		5.0	0.53	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	74		38 - 148				02/23/26 16:08	02/25/26 19:23	1
Tetrachloro-m-xylene (Surr)	66		38 - 148				02/23/26 16:08	02/26/26 19:30	3
DCB Decachlorobiphenyl (Surr)	78		37 - 151				02/23/26 16:08	02/25/26 19:23	1
DCB Decachlorobiphenyl (Surr)	68		37 - 151				02/23/26 16:08	02/26/26 19:30	3

Client Sample ID: SC-5

Date Collected: 02/13/26 15:15

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	9.4		5.0	0.71	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
4,4'-DDE	120		25	3.4	ug/Kg		02/23/26 16:08	02/26/26 19:46	5
4,4'-DDT	24		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
alpha-BHC	ND		5.0	0.58	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
beta-BHC	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:39	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Client Sample ID: SC-5

Date Collected: 02/13/26 15:15

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		5.0	0.92	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Dieldrin	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endosulfan sulfate	ND		5.0	0.62	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Endrin ketone	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
gamma-Chlordane	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Heptachlor epoxide	ND		5.0	0.53	ug/Kg		02/23/26 16:08	02/25/26 19:39	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	79		38 - 148	02/23/26 16:08	02/25/26 19:39	1
Tetrachloro-m-xylene (Surr)	76		38 - 148	02/23/26 16:08	02/26/26 19:46	5
DCB Decachlorobiphenyl (Surr)	90		37 - 151	02/23/26 16:08	02/25/26 19:39	1
DCB Decachlorobiphenyl (Surr)	89		37 - 151	02/23/26 16:08	02/26/26 19:46	5

Client Sample ID: SC-6

Date Collected: 02/13/26 15:35

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	6.5		5.0	0.71	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
4,4'-DDE	69		15	2.0	ug/Kg		02/23/26 16:08	02/26/26 20:31	3
4,4'-DDT	17		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
alpha-BHC	ND		5.0	0.59	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
beta-BHC	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Dieldrin	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Endrin ketone	ND		5.0	0.89	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 19:54	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	72		38 - 148	02/23/26 16:08	02/25/26 19:54	1
Tetrachloro-m-xylene (Surr)	69		38 - 148	02/23/26 16:08	02/26/26 20:31	3
DCB Decachlorobiphenyl (Surr)	72		37 - 151	02/23/26 16:08	02/25/26 19:54	1
DCB Decachlorobiphenyl (Surr)	69		37 - 151	02/23/26 16:08	02/26/26 20:31	3

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Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: SC-7

Date Collected: 02/13/26 16:15

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	12		4.9	0.71	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
4,4'-DDE	170		49	6.8	ug/Kg		02/23/26 16:08	02/26/26 20:47	10
4,4'-DDT	29		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Aldrin	ND		4.9	1.6	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
alpha-BHC	ND		4.9	0.58	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
alpha-Chlordane	ND		4.9	0.56	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
beta-BHC	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
delta-BHC	ND		4.9	0.92	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Dieldrin	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endosulfan I	ND		4.9	1.1	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endosulfan II	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endosulfan sulfate	ND		4.9	0.62	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endrin	ND		4.9	0.67	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endrin aldehyde	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Endrin ketone	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
gamma-Chlordane	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
gamma-BHC (Lindane)	ND		4.9	0.51	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Heptachlor	ND		4.9	0.59	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Heptachlor epoxide	ND		4.9	0.53	ug/Kg		02/23/26 16:08	02/25/26 20:09	1
Methoxychlor	ND		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	80		38 - 148	02/23/26 16:08	02/25/26 20:09	1
Tetrachloro-m-xylene (Surr)	76		38 - 148	02/23/26 16:08	02/26/26 20:47	10
DCB Decachlorobiphenyl (Surr)	82		37 - 151	02/23/26 16:08	02/25/26 20:09	1
DCB Decachlorobiphenyl (Surr)	88		37 - 151	02/23/26 16:08	02/26/26 20:47	10

Client Sample ID: SC-08

Date Collected: 02/13/26 16:25

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	3.7	J	4.9	0.71	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
4,4'-DDE	79		25	3.4	ug/Kg		02/23/26 16:08	02/26/26 21:02	5
4,4'-DDT	7.3		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Aldrin	ND		4.9	1.6	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
alpha-BHC	ND		4.9	0.58	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
alpha-Chlordane	ND		4.9	0.56	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
beta-BHC	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
delta-BHC	ND		4.9	0.92	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Dieldrin	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endosulfan I	ND		4.9	1.1	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endosulfan II	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endosulfan sulfate	ND		4.9	0.62	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endrin	ND		4.9	0.67	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endrin aldehyde	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Endrin ketone	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
gamma-Chlordane	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
gamma-BHC (Lindane)	ND		4.9	0.51	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Heptachlor	ND		4.9	0.59	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Heptachlor epoxide	ND		4.9	0.53	ug/Kg		02/23/26 16:08	02/25/26 20:24	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Client Sample ID: SC-08

Date Collected: 02/13/26 16:25

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	79		38 - 148				02/23/26 16:08	02/25/26 20:24	1
Tetrachloro-m-xylene (Surr)	82		38 - 148				02/23/26 16:08	02/26/26 21:02	5
DCB Decachlorobiphenyl (Surr)	79		37 - 151				02/23/26 16:08	02/25/26 20:24	1
DCB Decachlorobiphenyl (Surr)	92		37 - 151				02/23/26 16:08	02/26/26 21:02	5

Client Sample ID: SC-8

Date Collected: 02/13/26 16:40

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-15

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	6.6		4.9	0.71	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
4,4'-DDE	110		25	3.4	ug/Kg		02/23/26 16:08	02/26/26 21:17	5
4,4'-DDT	9.0		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Aldrin	ND		4.9	1.6	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
alpha-BHC	ND		4.9	0.58	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
alpha-Chlordane	ND		4.9	0.56	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
beta-BHC	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
delta-BHC	ND		4.9	0.92	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Dieldrin	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endosulfan I	ND		4.9	1.1	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endosulfan II	ND		4.9	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endosulfan sulfate	ND		4.9	0.62	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endrin	ND		4.9	0.66	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endrin aldehyde	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Endrin ketone	ND		4.9	0.89	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
gamma-Chlordane	ND		4.9	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
gamma-BHC (Lindane)	ND		4.9	0.51	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Heptachlor	ND		4.9	0.59	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Heptachlor epoxide	ND		4.9	0.53	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Methoxychlor	ND		4.9	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	81		38 - 148				02/23/26 16:08	02/25/26 20:40	1
Tetrachloro-m-xylene (Surr)	74		38 - 148				02/23/26 16:08	02/26/26 21:17	5
DCB Decachlorobiphenyl (Surr)	78		37 - 151				02/23/26 16:08	02/25/26 20:40	1
DCB Decachlorobiphenyl (Surr)	78		37 - 151				02/23/26 16:08	02/26/26 21:17	5

Client Sample ID: SC-3

Date Collected: 02/13/26 17:00

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-16

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	16		5.0	0.71	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
4,4'-DDE	180		50	6.8	ug/Kg		02/23/26 16:08	02/26/26 21:32	10
4,4'-DDT	15		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
alpha-BHC	ND		5.0	0.59	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
beta-BHC	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 20:55	1

Eurofins Calscience

Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Client Sample ID: SC-3

Date Collected: 02/13/26 17:00

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-16

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Dieldrin	ND		5.0	0.55	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endosulfan II	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Endrin ketone	ND		5.0	0.90	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 16:08	02/25/26 20:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	77		38 - 148				02/23/26 16:08	02/25/26 20:55	1
Tetrachloro-m-xylene (Surr)	79		38 - 148				02/23/26 16:08	02/26/26 21:32	10
DCB Decachlorobiphenyl (Surr)	84		37 - 151				02/23/26 16:08	02/25/26 20:55	1
DCB Decachlorobiphenyl (Surr)	96		37 - 151				02/23/26 16:08	02/26/26 21:32	10

Client Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method: SW846 6020B - Metals (ICP/MS)

Client Sample ID: SD-1
Date Collected: 02/13/26 13:25
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.23		0.492	0.219	mg/Kg		02/25/26 10:25	02/27/26 00:00	5

Client Sample ID: SD-2
Date Collected: 02/13/26 14:00
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.6		0.443	0.197	mg/Kg		02/25/26 10:25	02/27/26 00:03	5

Client Sample ID: SD-4
Date Collected: 02/13/26 14:40
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.2		0.423	0.188	mg/Kg		02/25/26 10:25	02/27/26 00:11	5

Client Sample ID: SD-5
Date Collected: 02/13/26 15:15
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	31.3		0.545	0.242	mg/Kg		02/25/26 10:25	02/27/26 00:14	5

Client Sample ID: SD-6
Date Collected: 02/13/26 15:36
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11.8		0.584	0.260	mg/Kg		02/25/26 10:25	02/27/26 00:17	5

Client Sample ID: SD-7
Date Collected: 02/13/26 16:15
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	25.8		0.501	0.223	mg/Kg		02/25/26 10:25	02/27/26 00:20	5

Client Sample ID: SD-8
Date Collected: 02/13/26 16:40
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.0		0.490	0.218	mg/Kg		02/25/26 10:25	02/27/26 00:22	5

Client Sample ID: SD-3
Date Collected: 02/13/26 17:00
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18.6		0.454	0.202	mg/Kg		02/25/26 10:25	02/27/26 00:25	5

Client Sample ID: SD-03
Date Collected: 02/13/26 17:05
Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	22.2		0.514	0.229	mg/Kg		02/25/26 10:25	02/27/26 13:00	5

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Surrogate Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2	DCB2
		(38-148)	(37-151)
570-268263-2	SC-1	69	71
570-268263-2	SC-1	69	71
570-268263-4	SC-2	78	83
570-268263-4	SC-2	74	79
570-268263-6	SC-4	74	78
570-268263-8	SC-5	79	90
570-268263-9	SC-6	72	72
570-268263-11	SC-7	80	82
570-268263-13	SC-08	79	79
570-268263-15	SC-8	81	78
570-268263-16	SC-3	77	84
LCS 570-699764/12-A	Lab Control Sample	97	102
LCS 570-699764/2-A	Lab Control Sample	102	106
LCSD 570-699764/13-A	Lab Control Sample Dup	101	104
LCSD 570-699764/3-A	Lab Control Sample Dup	102	105
MB 570-699764/1-A	Method Blank	88	100
Surrogate Legend			
TCX = Tetrachloro-m-xylene (Surr)			
DCB = DCB Decachlorobiphenyl (Surr)			

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1	DCB1
		(38-148)	(37-151)
570-268263-6	SC-4	66	68
570-268263-8	SC-5	76	89
570-268263-9	SC-6	69	69
570-268263-11	SC-7	76	88
570-268263-13	SC-08	82	92
570-268263-15	SC-8	74	78
570-268263-16	SC-3	79	96
Surrogate Legend			
TCX = Tetrachloro-m-xylene (Surr)			
DCB = DCB Decachlorobiphenyl (Surr)			

QC Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-699764/1-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 699764

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.72	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
4,4'-DDE	ND		5.0	0.69	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
4,4'-DDT	ND		5.0	1.2	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Aldrin	ND		5.0	1.6	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
alpha-BHC	ND		5.0	0.59	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
beta-BHC	ND		5.0	0.90	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
delta-BHC	ND		5.0	0.93	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Dieldrin	ND		5.0	0.55	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endosulfan I	ND		5.0	1.1	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endosulfan II	ND		5.0	0.55	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endrin	ND		5.0	0.67	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Endrin ketone	ND		5.0	0.90	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
gamma-BHC (Lindane)	ND		5.0	0.51	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Heptachlor	ND		5.0	0.60	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		02/23/26 09:24	02/25/26 18:06	1
Methoxychlor	ND		5.0	1.2	ug/Kg		02/23/26 09:24	02/25/26 18:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	88		38 - 148	02/23/26 09:24	02/25/26 18:06	1
DCB Decachlorobiphenyl (Surr)	100		37 - 151	02/23/26 09:24	02/25/26 18:06	1

Lab Sample ID: LCS 570-699764/12-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 699764

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	97		38 - 148
DCB Decachlorobiphenyl (Surr)	102		37 - 151

Lab Sample ID: LCS 570-699764/2-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 699764

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	25.0	20.89		ug/Kg		84	54 - 154
4,4'-DDE	25.0	21.43		ug/Kg		86	51 - 149
4,4'-DDT	25.0	20.40		ug/Kg		82	39 - 152
Aldrin	25.0	20.95		ug/Kg		84	52 - 138
alpha-BHC	25.0	20.28		ug/Kg		81	51 - 140
alpha-Chlordane	25.0	20.60		ug/Kg		82	53 - 141
beta-BHC	25.0	19.83		ug/Kg		79	53 - 141
delta-BHC	25.0	15.68		ug/Kg		63	20 - 132
Dieldrin	25.0	20.88		ug/Kg		84	52 - 144
Endosulfan I	25.0	19.51		ug/Kg		78	49 - 139

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QC Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Lab Sample ID: LCS 570-699764/2-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 699764

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan II	25.0	19.62		ug/Kg		78	51 - 150
Endosulfan sulfate	25.0	18.88		ug/Kg		76	45 - 139
Endrin	25.0	19.89		ug/Kg		80	53 - 151
Endrin aldehyde	25.0	21.11		ug/Kg		84	31 - 146
Endrin ketone	25.0	18.69		ug/Kg		75	51 - 150
gamma-Chlordane	25.0	19.66		ug/Kg		79	46 - 156
gamma-BHC (Lindane)	25.0	20.19		ug/Kg		81	53 - 141
Heptachlor	25.0	19.41		ug/Kg		78	52 - 144
Heptachlor epoxide	25.0	20.18		ug/Kg		81	54 - 141
Methoxychlor	25.0	19.32		ug/Kg		77	47 - 148

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	102		38 - 148
DCB Decachlorobiphenyl (Surr)	106		37 - 151

Lab Sample ID: LCSD 570-699764/13-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 699764

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	101		38 - 148
DCB Decachlorobiphenyl (Surr)	104		37 - 151

Lab Sample ID: LCSD 570-699764/3-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 699764

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	25.0	20.93		ug/Kg		84	54 - 154	0	30
4,4'-DDE	25.0	21.52		ug/Kg		86	51 - 149	0	28
4,4'-DDT	25.0	20.64		ug/Kg		83	39 - 152	1	31
Aldrin	25.0	21.27		ug/Kg		85	52 - 138	1	30
alpha-BHC	25.0	20.78		ug/Kg		83	51 - 140	2	29
alpha-Chlordane	25.0	20.70		ug/Kg		83	53 - 141	1	28
beta-BHC	25.0	20.52		ug/Kg		82	53 - 141	3	29
delta-BHC	25.0	16.19		ug/Kg		65	20 - 132	3	40
Dieldrin	25.0	20.97		ug/Kg		84	52 - 144	0	28
Endosulfan I	25.0	19.64		ug/Kg		79	49 - 139	1	28
Endosulfan II	25.0	19.68		ug/Kg		79	51 - 150	0	29
Endosulfan sulfate	25.0	19.05		ug/Kg		76	45 - 139	1	30
Endrin	25.0	20.07		ug/Kg		80	53 - 151	1	29
Endrin aldehyde	25.0	20.99		ug/Kg		84	31 - 146	1	40
Endrin ketone	25.0	18.83		ug/Kg		75	51 - 150	1	30
gamma-Chlordane	25.0	19.85		ug/Kg		79	46 - 156	1	39
gamma-BHC (Lindane)	25.0	20.86		ug/Kg		83	53 - 141	3	29
Heptachlor	25.0	20.01		ug/Kg		80	52 - 144	3	29
Heptachlor epoxide	25.0	20.38		ug/Kg		82	54 - 141	1	29
Methoxychlor	25.0	19.53		ug/Kg		78	47 - 148	1	29

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QC Sample Results

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

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

Lab Sample ID: LCSD 570-699764/3-A

Matrix: Solid

Analysis Batch: 700740

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 699764

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene (Surr)	102		38 - 148
DCB Decachlorobiphenyl (Surr)	105		37 - 151

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 570-700992/1-A

Matrix: Solid

Analysis Batch: 702027

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 700992

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Arsenic	ND		0.485	0.216	mg/Kg		02/25/26 10:25	02/26/26 23:03		5

Lab Sample ID: LCS 570-700992/2-A

Matrix: Solid

Analysis Batch: 702027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 700992

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Arsenic			198	187.0		mg/Kg		95	80 - 120	

Lab Sample ID: LCSD 570-700992/3-A

Matrix: Solid

Analysis Batch: 702027

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 700992

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic			201	192.1		mg/Kg		96	80 - 120	3	20

QC Association Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

GC Semi VOA

Prep Batch: 699764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-2	SC-1	Total/NA	Solid	3546	
570-268263-4	SC-2	Total/NA	Solid	3546	
570-268263-6	SC-4	Total/NA	Solid	3546	
570-268263-8	SC-5	Total/NA	Solid	3546	
570-268263-9	SC-6	Total/NA	Solid	3546	
570-268263-11	SC-7	Total/NA	Solid	3546	
570-268263-13	SC-08	Total/NA	Solid	3546	
570-268263-15	SC-8	Total/NA	Solid	3546	
570-268263-16	SC-3	Total/NA	Solid	3546	
MB 570-699764/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-699764/12-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 570-699764/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-699764/13-A	Lab Control Sample Dup	Total/NA	Solid	3546	
LCSD 570-699764/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 700740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-2	SC-1	Total/NA	Solid	8081A	699764
570-268263-2	SC-1	Total/NA	Solid	8081A	699764
570-268263-4	SC-2	Total/NA	Solid	8081A	699764
570-268263-4	SC-2	Total/NA	Solid	8081A	699764
570-268263-6	SC-4	Total/NA	Solid	8081A	699764
570-268263-8	SC-5	Total/NA	Solid	8081A	699764
570-268263-9	SC-6	Total/NA	Solid	8081A	699764
570-268263-11	SC-7	Total/NA	Solid	8081A	699764
570-268263-13	SC-08	Total/NA	Solid	8081A	699764
570-268263-15	SC-8	Total/NA	Solid	8081A	699764
570-268263-16	SC-3	Total/NA	Solid	8081A	699764
MB 570-699764/1-A	Method Blank	Total/NA	Solid	8081A	699764
LCS 570-699764/12-A	Lab Control Sample	Total/NA	Solid	8081A	699764
LCS 570-699764/2-A	Lab Control Sample	Total/NA	Solid	8081A	699764
LCSD 570-699764/13-A	Lab Control Sample Dup	Total/NA	Solid	8081A	699764
LCSD 570-699764/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	699764

Analysis Batch: 701655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-6	SC-4	Total/NA	Solid	8081A	699764
570-268263-8	SC-5	Total/NA	Solid	8081A	699764
570-268263-9	SC-6	Total/NA	Solid	8081A	699764
570-268263-11	SC-7	Total/NA	Solid	8081A	699764
570-268263-13	SC-08	Total/NA	Solid	8081A	699764
570-268263-15	SC-8	Total/NA	Solid	8081A	699764
570-268263-16	SC-3	Total/NA	Solid	8081A	699764

Metals

Prep Batch: 700992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-1	SD-1	Total/NA	Solid	3051A	
570-268263-3	SD-2	Total/NA	Solid	3051A	
570-268263-5	SD-4	Total/NA	Solid	3051A	

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QC Association Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Metals (Continued)

Prep Batch: 700992 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-7	SD-5	Total/NA	Solid	3051A	
570-268263-10	SD-6	Total/NA	Solid	3051A	
570-268263-12	SD-7	Total/NA	Solid	3051A	
570-268263-14	SD-8	Total/NA	Solid	3051A	
570-268263-17	SD-3	Total/NA	Solid	3051A	
570-268263-18	SD-03	Total/NA	Solid	3051A	
MB 570-700992/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 570-700992/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-700992/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	

Analysis Batch: 702027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-1	SD-1	Total/NA	Solid	6020B	700992
570-268263-3	SD-2	Total/NA	Solid	6020B	700992
570-268263-5	SD-4	Total/NA	Solid	6020B	700992
570-268263-7	SD-5	Total/NA	Solid	6020B	700992
570-268263-10	SD-6	Total/NA	Solid	6020B	700992
570-268263-12	SD-7	Total/NA	Solid	6020B	700992
570-268263-14	SD-8	Total/NA	Solid	6020B	700992
570-268263-17	SD-3	Total/NA	Solid	6020B	700992
MB 570-700992/1-A	Method Blank	Total/NA	Solid	6020B	700992
LCS 570-700992/2-A	Lab Control Sample	Total/NA	Solid	6020B	700992
LCSD 570-700992/3-A	Lab Control Sample Dup	Total/NA	Solid	6020B	700992

Analysis Batch: 702179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-268263-18	SD-03	Total/NA	Solid	6020B	700992

Lab Chronicle

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SD-1

Date Collected: 02/13/26 13:25

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5081 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:00	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SC-1

Date Collected: 02/13/26 13:30

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.03 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 18:52	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.03 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		3			700740	02/25/26 21:41	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-2

Date Collected: 02/13/26 14:00

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5647 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:03	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SC-2

Date Collected: 02/13/26 14:10

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.04 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 19:08	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.04 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		3			700740	02/25/26 21:57	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-4

Date Collected: 02/13/26 14:40

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5909 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:11	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Eurofins Calscience

Lab Chronicle

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SC-4

Date Collected: 02/13/26 14:40

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.17 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 19:23	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.17 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		3			701655	02/26/26 19:30	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-5

Date Collected: 02/13/26 15:15

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4591 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:14	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SC-5

Date Collected: 02/13/26 15:15

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.18 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 19:39	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.18 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		5			701655	02/26/26 19:46	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SC-6

Date Collected: 02/13/26 15:35

Date Received: 02/17/26 09:35

Lab Sample ID: 570-268263-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.13 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 19:54	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.13 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		3			701655	02/26/26 20:31	N5Y3	EET CAL 4
Instrument ID: GC54A										

Lab Chronicle

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SD-6

Lab Sample ID: 570-268263-10

Date Collected: 02/13/26 15:36

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4280 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:17	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SC-7

Lab Sample ID: 570-268263-11

Date Collected: 02/13/26 16:15

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.22 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 20:09	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.22 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		10			701655	02/26/26 20:47	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-7

Lab Sample ID: 570-268263-12

Date Collected: 02/13/26 16:15

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4991 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:20	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SC-08

Lab Sample ID: 570-268263-13

Date Collected: 02/13/26 16:25

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.22 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 20:24	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.22 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		5			701655	02/26/26 21:02	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-8

Lab Sample ID: 570-268263-14

Date Collected: 02/13/26 16:40

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5106 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:22	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Eurofins Calscience

Lab Chronicle

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Client Sample ID: SC-8

Lab Sample ID: 570-268263-15

Date Collected: 02/13/26 16:40

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.29 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 20:40	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.29 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		5			701655	02/26/26 21:17	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SC-3

Lab Sample ID: 570-268263-16

Date Collected: 02/13/26 17:00

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.09 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		1			700740	02/25/26 20:55	N5Y3	EET CAL 4
Instrument ID: GC54A										
Total/NA	Prep	3546			20.09 g	10 mL	699764	02/23/26 16:08	C5G3	EET CAL 4
Total/NA	Analysis	8081A		10			701655	02/26/26 21:32	N5Y3	EET CAL 4
Instrument ID: GC54A										

Client Sample ID: SD-3

Lab Sample ID: 570-268263-17

Date Collected: 02/13/26 17:00

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5503 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702027	02/27/26 00:25	RL6Q	EET CAL 4
Instrument ID: ICPMS11										

Client Sample ID: SD-03

Lab Sample ID: 570-268263-18

Date Collected: 02/13/26 17:05

Matrix: Solid

Date Received: 02/17/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4862 g	50 mL	700992	02/25/26 10:25	M2KZ	EET CAL 4
Total/NA	Analysis	6020B		5			702179	02/27/26 13:00	UFLE	EET CAL 4
Instrument ID: ICPMS10										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8081A	3546	Solid	alpha-Chlordane
8081A	3546	Solid	gamma-Chlordane

Method Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	EET CAL 4
6020B	Metals (ICP/MS)	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Dudek & Associates
Project/Site: Watsonville Soil Sampling

Job ID: 570-268263-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
570-268263-1	SD-1	Solid	02/13/26 13:25	02/17/26 09:35	California
570-268263-2	SC-1	Solid	02/13/26 13:30	02/17/26 09:35	California
570-268263-3	SD-2	Solid	02/13/26 14:00	02/17/26 09:35	California
570-268263-4	SC-2	Solid	02/13/26 14:10	02/17/26 09:35	California
570-268263-5	SD-4	Solid	02/13/26 14:40	02/17/26 09:35	California
570-268263-6	SC-4	Solid	02/13/26 14:40	02/17/26 09:35	California
570-268263-7	SD-5	Solid	02/13/26 15:15	02/17/26 09:35	California
570-268263-8	SC-5	Solid	02/13/26 15:15	02/17/26 09:35	California
570-268263-9	SC-6	Solid	02/13/26 15:35	02/17/26 09:35	California
570-268263-10	SD-6	Solid	02/13/26 15:36	02/17/26 09:35	California
570-268263-11	SC-7	Solid	02/13/26 16:15	02/17/26 09:35	California
570-268263-12	SD-7	Solid	02/13/26 16:15	02/17/26 09:35	California
570-268263-13	SC-08	Solid	02/13/26 16:25	02/17/26 09:35	California
570-268263-14	SD-8	Solid	02/13/26 16:40	02/17/26 09:35	California
570-268263-15	SC-8	Solid	02/13/26 16:40	02/17/26 09:35	California
570-268263-16	SC-3	Solid	02/13/26 17:00	02/17/26 09:35	California
570-268263-17	SD-3	Solid	02/13/26 17:00	02/17/26 09:35	California
570-268263-18	SD-03	Solid	02/13/26 17:05	02/17/26 09:35	California

Client Information		Sampler: <u>Shawn Skeete Foster</u>		Lab PM: <u>Moffatt, Jennifer</u>		Carrier Tracking No(s):		COC No: <u>570-156668-308</u>	
Client Contact: <u>Audrey Herschberger</u>		Phone: <u>(530) 615-0970</u>		E-Mail: <u>Jennifer.Moffatt@et.eurofinsus.com</u>		State of Origin:		Page: <u>1 of 1</u>	
Company: <u>Dudek & Associates</u>		PWSID:		Analysis Requested					
Address: <u>1 SW Columbia Street</u>		Due Date Requested:		 570-268263 Chain of Custody					
City: <u>Portland</u>		TAT Requested (days): <u>Standard</u>							
State, Zip: <u>OR, 97258</u>		Compliance Project: ☐ Yes ☐ No							
Phone: <u>971-930-1706(Tel)</u>		PO #: <u>Purchase Order Requested</u>							
Email: <u>aherschberger@dudek.com</u>		WO #:							
Project Name: <u>Watsonville Soil Sampling</u>		Project #: <u>57029093</u>		Preservation Codes: <u>N - None</u>					
Site:		SSOW#:		Job #: <u>268263</u>					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - (MOD) Arsenic										Total Number of container	Special Instructions/Note:
							8081A - Routine Organochlorine Pesticides List											
SD-1	2/13/26	1325	G	Solid			X											
SC-1	2/13/26	1330	C	Solid		X												
SD-2	2/13/26	1400	G	Solid			X											
SC-2	2/13/26	1410	C	Solid		X												
SD-4	2/13/26	1440	G	Solid			X											
SC-4	2/13/26	1440	C	Solid		X												
SD-5	2/13/26	1515	G	Solid			X											
SC-5	2/13/26	1515	C	Solid		X												
SC-6	2/13/26	1535	C	Solid		X												
SD-6	2/13/26	1536	G	Solid			X											
SC-7	2/13/26	1615	C	Solid		X												

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:			

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <u>Shawn Skeete</u>		Date/Time: <u>14 FEB 26 / 1230</u>		Company: <u>Dudek</u>		Received by: <u>OSM</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>02/16/26 1630</u>		Company: <u>EOWWW-SSC</u>		Received by: <u>Fedex</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>2/17/26 935</u>		Company: <u>EC</u>		Received by: <u>[Signature]</u>	

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: <u>20/26 IR4</u>
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Client Information		Sampler: <u>Shawn Skeete Foster</u>		Lab PM: <u>Moffatt, Jennifer</u>		Carrier Tracking No(s):		COC No: <u>570-156668-308</u>	
Client Contact: <u>Audrey Herschberger</u>		Phone: <u>(530) 615-0970</u>		E-Mail: <u>Jennifer.Moffatt@et.eurofinsus.com</u>		State of Origin:		Page: <u>1 of 1</u>	
Company: <u>Dudek & Associates</u>		PWSID:		Analysis Requested					
Address: <u>1 SW Columbia Street</u>		Due Date Requested:		 570-268263 Chain of Custody					
City: <u>Portland</u>		TAT Requested (days): <u>Standard</u>							
State, Zip: <u>OR, 97258</u>		Compliance Project: ☐ Yes ☐ No							
Phone: <u>971-930-1706(Tel)</u>		PO #: <u>Purchase Order Requested</u>							
Email: <u>aherschberger@dudek.com</u>		WO #:							
Project Name: <u>Watsonville Soil Sampling</u>		Project #: <u>57029093</u>		Preservation Codes: <u>N - None</u>					
Site:		SSOW#:		Job #: <u>268263</u>					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - (MOD) Arsenic										Total Number of container	Special Instructions/Note:
							8081A - Routine Organochlorine Pesticides List											
SD-1	2/13/26	1325	G	Solid			X											
SC-1	2/13/26	1330	C	Solid		X												
SD-2	2/13/26	1400	G	Solid			X											
SC-2	2/13/26	1410	C	Solid		X												
SD-4	2/13/26	1440	G	Solid			X											
SC-4	2/13/26	1440	C	Solid		X												
SD-5	2/13/26	1515	G	Solid			X											
SC-5	2/13/26	1515	C	Solid		X												
SC-6	2/13/26	1535	C	Solid		X												
SD-6	2/13/26	1536	G	Solid			X											
SC-7	2/13/26	1615	C	Solid		X												

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <u>Shawn Skeete</u>		Date/Time: <u>14 FEB 26 / 1230</u>		Company: <u>Dudek</u>		Received by: <u>OSM</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>02/16/26 1630</u>		Company: <u>EOWWW-SSC</u>		Received by: <u>Fedex</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>02/17/26 935</u>		Company: <u>EC</u>		Received by: <u>[Signature]</u>	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>20/26 IR4</u>			

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Login Sample Receipt Checklist

Client: Dudek & Associates

Job Number: 570-268263-1

Login Number: 268263

List Source: Eurofins Calscience

List Number: 1

Creator: Le, Sunny

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Total number of containers not recorded
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	