



## LIMITED SOILS INVESTIGATION

### 25-01 Carmenere Estates Subdivision

Loomis, California 95650

### Report Date

September 24, 2025

### Partner Project No.

ES20-280220

### Prepared for:

Mima Capital, LLC  
4120 Douglas Boulevard #306-175  
Granite Bay, California 95746



Building  
Science



Environmental  
Consulting



Construction &  
Development



Energy &  
Sustainability



September 24, 2025

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Subject: Limited Soils Investigation  
25-01 Carmenere Estates Subdivision  
Loomis, California 95650  
Partner Project No. ES20-280220

Dear Mr. Fournier,

Partner Engineering and Science, Inc. (Partner) is pleased to provide Mima Capital, LLC (Mima) the results of the assessment performed at the above-referenced property (hereafter, the Site). The following report describes the field activities, methods, and findings of the Limited Soils Investigation conducted at the above-referenced property.

This assessment was performed consistent with acceptable industry standards. The independent conclusions represent Partner's professional judgment based upon existing conditions and the information and data available to us during the course of this assignment.

We appreciate the opportunity to provide these services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact Bruce Eppler at 916-532-0670.

Sincerely,

**Partner Engineering and Science, Inc.**

Natalie Pangilinan  
Staff Scientist

Bruce Eppler, PG  
Technical Director



Exp 8/31/2027

John Wharff  
Executive Director – West Region

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The following report Figures and Appendices are attached at the end of this report.

## **FIGURES**

- Figure 1:** Site Location Map  
**Figure 2:** Topographic Map  
**Figure 3:** Site Location Map – Eastern Site  
**Figure 4:** Site Location Map – Western Site

## **APPENDICES**

- Appendix A:** Placer County Memo  
**Appendix B:** Site Photos  
**Appendix C:** Laboratory Analytical Reports

# 1.0 INTRODUCTION

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## 1.1 Purpose

The purpose of the project was to evaluate shallow soils for residential development in the former orchard areas located on the Site for the presence of organochlorine pesticides (OCPs), arsenic, and/or lead as a consequence of the historical on-site orchard use.

## 1.2 Limitations

This report presents a summary of work conducted by Partner. The work includes observations of site conditions encountered and the analytical results provided by an independent third-party laboratory of samples collected during the course of the project. The number and location of samples were selected to provide the required information. It cannot be assumed that the limited available data are representative of subsurface conditions in areas not sampled.

Conclusions and/or recommendations are based on the observations, laboratory analyses, and the governing regulations. Conclusions and/or recommendations beyond those stated and reported herein should not be inferred from this document.

Partner warrants that the environmental consulting services contained herein were accomplished in accordance with generally accepted practices in the environmental engineering, geology, and hydrogeology fields that existed at the time and location of work. No other warranties are implied or expressed.

## 1.3 User Reliance

Partner was engaged by Mima Capital, LLC (the Addressee), or their authorized representative, to perform this investigation. The engagement agreement specifically states the scope and purpose of the investigation, as well as the contractual obligations and limitations of both parties. This report and the information therein, are for the exclusive use of the Addressee. This report has no other purpose and may not be relied upon, or used, by any other person or entity without the written consent of Partner. Third parties that obtain this report, or the information therein, shall have no rights of recourse or recovery against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, the Addressee and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such use. Unauthorized use of this report shall constitute acceptance of, and commitment to, these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted Partner's standard Terms and Conditions, a copy of which can be found at <http://www.partneresi.com/terms-and-conditions.php>.

## 2.0 SITE BACKGROUND

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### 2.1 Site Description

The Site consists of several parcels (totaling approximately 97 acres) located east and west of Delmar Avenue, in Loomis, Placer County, California. The eastern portion of the Site (Eastern Site) and the western portion of the Site (Western Site) consist of the following Assessor Parcel Numbers (APNs): 030-100-029, 030-100-031, 030-110-011, 030-110-018, and 030-130-037.

The Site is currently vacant land that is primarily used as pasture for beef cattle, leased by a neighboring property owner. Refer to **Figure 1** for site location maps showing both the Eastern and Western Site parcels.

### 2.2 Project History

Partner completed two Phase I Environmental Site Assessment Reports (Phase I) for the two Site parcels, dated April 21, 2020 (Western Site), and March 1, 2018 (Eastern Site), on behalf of Mima Capital, LLC. Based on the information reviewed and the site reconnaissance, the Site consists of several parcels of land totaling approximately 97 acres. Historically both Western and Eastern Sites have been developed as agricultural with related farm residence and related structures. Fruit orchards and row crops have been present on portions of both Site since the 1930s. Refer to **Figure 2** for topographic maps showing both the Eastern and Western Site parcels.

No specific Recognized Environmental Conditions (RECs) were identified in Partner's Phase I's, however, a July 25, 2025 memo from the Placer County Environmental Health Division (PCEHD) has requested a limited soil investigation be performed on the subject properties due to the historical on-site agricultural activities (orchards). This request was made in response to planned redevelopment by Mima of the Site for residential homes. This memo can be found in **Appendix A**.

### 2.3 Geology and Hydrogeology

The Site is situated within Placer County in the east-central part of California. Placer County is bounded by Sacramento and Sutter Counties on the west, the Bear River on the north, the Tahoe National Forest on the east, and the Middle Fork of the American River on the south. Placer County is in the eastern part of the Great Valley of California and in the western part of the Central Sierra Nevada Mountains.

The Great Valley Area is dominantly nearly level to rolling old valley fill. The Sierra Nevada area is dominantly steep, dipping, faulted, and folded metamorphic rocks that have been intruded by several types of igneous rocks. Overlying the bedrock in many places is a mantle of river gravel and volcanic debris. The ascent from the Central Valley is gentle, and the average slope through a west-to-east transect is about 5 percent. In general, the trend of the ridges and rock formations is northwest by southeast. Drainage is generally toward the southwest. The drainage channels have cut through geologic formations and followed the westward tilting of the Sierran fault block. The headward parts of the major streams and rivers are more deeply gouged by river canyons and drainageways than the rolling foothills, where river cutting is less. Typically, the folded and faulted areas of metamorphic rocks are steep and angular, the granitic areas are rounded and smooth and have a basin-like appearance, and the volcanic areas are flat topped and smooth.

The area is drained mainly by the Middle and North Forks of the American River and the Bear River, which join the Sacramento River and flow into the San Francisco Bay. There are many major perennial streams in these major drainage areas.

The Site is located approximately 311 feet above mean sea level, and depth to groundwater is anticipated between 6 and 11 feet below ground surface (bgs).

Based on information obtained from the United States Department of Agriculture, Natural Resources Conservation Service Web Soil Survey online database, the Site is mapped as Andregg coarse sandy loam. The Andregg series consists of moderately shallow, well drained, moderately permeable soils that formed on hills. Parent materials consist of residuum weathered from granite. Slopes range from 2 to 9 percent.

## 3.0 FIELD ACTIVITIES

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The investigation consisted of the advancement of over 100 shallow depth borings from the Eastern and Western Sites to collect both composite and discrete soil samples. Soil samples were collected on August 28, 2025, September 5, 2025, and September 9, 2025. Sampling was performed in general accordance with the Department of Toxic Substances Control (DTSC) 2008 *Interim Guidance for Sampling Agricultural Properties (Third Revision)* (DTSC Guidance). Based on *Table 1: Recommended Number of Soil Samples* from the DTSC Guidance, for sites of 5 acres, four composite samples are required for OCP analyses and four discrete samples for arsenic are recommended. For sites with 3 acres, four discrete samples are required for OCP analyses and four discrete samples for arsenic are recommended.

Refer to **Table 1** for a summary of the borings, sampling schedule, and laboratory analyses for this investigation.

### 3.1 Health and Safety Plan

Prior to the initiation of fieldwork, Partner prepared a site-specific Health and Safety Plan, which was reviewed with on-site personnel involved in the project prior to the commencement of drilling activities.

### 3.2 Sampling Equipment

Composite and discrete soil samples were collected using a hand trowel or shovel. Background samples were obtained at a depth of 5 feet bgs using a hand auger. Sampling equipment was decontaminated between sample intervals to prevent cross-contamination.

### 3.3 Sample Locations

#### 3.3.1 Eastern Site

The following borings were advanced on the Eastern Site: P9-C1 through P9-C4, P9-D1 through P9-D4; P10-C1 through P10-C4, P10-D1 through P10-D4; P14-C1 through P14-C4, P14-D1 through P14-D4; P15-C1 through P15-C4, P15-D1 through P15-D4, P19-C1 and P19-D1 through P19-D4; P20-D1 through P20-D4; P21-D1 through P21-D4; P22-D1 through P22-D4; P23-D1 through P23-D4; and P24-D1 through P24-D4.

In addition, the following quality assurance/quality control (QA/QC) duplicate samples were collected: P9-D1-DUP; P15-C3-DUP; P23-D1-DUP; and P19-C1-DUP. The following background samples were collected: P12-B; P13-B; P16-B; and P17-B.

Refer to **Figure 3** for a map indicating sample locations on the Eastern Site.

#### 3.3.2 Western Site

The following borings were advanced on the Western Site of the property: P4-C1 through P4-C4 and P4-D1 through P4-D4; P7-C1 through P7-C4 and P7-D1 through P7-D4; and P8-C1 through P8-C4 and P8-D1 through P8-D4.

In addition, the following QA/QC duplicate samples were collected: P1-B-DUP, P4-C1-DUP, P4-D4-DUP, P7-C1-DUP, and P8-D3-DUP. The following background samples were collected: P1-B; P3-B; P5-B; and P6-B.

Refer to **Figure 4** for a map indicating sample locations on the Western Site.

### **3.4 Soil Sampling**

Prior to sampling, ground cover such as vegetation, roots or other extraneous material was scraped away to expose the first encountered soil at each sample location. Composite and discrete samples were collected from a depth of 0-6 inches below ground surface (bgs). Background samples were obtained at a depth of 5 feet bgs using a hand auger. Each sample was collected by transferring soil into laboratory-supplied, four-ounce, wide-mouth unpreserved glass jars, which were sealed with a threaded, Teflon-lined lid. The jars were provided by Sun Star Laboratories (SunStar), a state-certified laboratory (State Water Resources Control Board [SWRCB] Environmental Laboratory Accreditation Program [ELAP] certificate number 2250), located in Lake Forest, California. The jars were filled with soil to capacity to minimize headspace and reduce the potential for volatilization. All samples were labeled for identification and stored in an iced cooler. None of the soil samples exhibited discoloration or an odor.

### **3.5 Post Sampling Activities**

Temporary soil borings were backfilled using native materials. No significant amounts of derived wastes were generated during this investigation.

## 4.0 DATA ANALYSIS

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Partner analyzed a total of 105 soil samples from the Eastern Site and Western Site, which were transported in an ice cooler under chain-of-custody protocol to SunStar for analysis. Composite samples were analyzed for OCPs via Environmental Protection Agency (EPA) Method 8081A. Discrete samples were analyzed for arsenic and lead via EPA Method 6010b.

Discrete samples collected on September 5, 2025 were analyzed for both OCPs and arsenic and lead from the same soil sample.

Laboratory analytical results are included in **Appendix C** and are discussed below.

### 4.1 Regulatory Agency Guidance

Given the anticipated future use of the Site, the applicable screening levels are those associated with residential land use.

### 4.2 Regional Screening Levels

Regional Screening Levels (RSLs; formerly Preliminary Remediation Goals [PRGs]) are generic, risk-based chemical concentrations developed by the EPA Region 9 for use in initial screening-level evaluations. RSLs combine human health toxicity values with standard exposure factors to estimate contaminant concentrations that are considered to be health protective of human exposures over a lifetime through direct-contact exposure pathways (e.g., via inhalation and/or ingestion of and/or dermal contact with impacted soil and/or indoor air). RSLs are not legally enforceable standards, but rather are considered guidelines to evaluate if potential risks associated with encountered chemical impacts may warrant further evaluation.

The DTSC Office of Human and Ecological Risk (HERO) and the Office of Environmental Health Hazard Assessment (OEHHA) developed California-Modified Screening Levels (SLs) based on the EPA RSLs for use in the human health risk assessment process at hazardous waste sites and permitted facilities.

The background concentration for lead was taken from the *Background Concentrations of Trace and Major Elements in California Soils* (March 1996) report. The background concentration for arsenic was taken from the *DTSC Interim Guidance for Sampling Agricultural Properties, Third Revision* (August 2008) report.

### 4.3 Soil Sample Data Analysis

#### 4.4 Eastern Site

##### 4.4.1 OCPs

Only one OCP was detected in the analyzed soil sample at concentrations above the laboratory reporting limit (RL). Dichlorodiphenyldichloroethylene (4,4-DDE), was detected in soil samples P9-C3, P15-C1, P15-C3, P15-C3-DUP, P15-C4, and P18-C4 at concentrations ranging between 0.014 to 0.036 milligrams per kilogram (mg/kg).

None of the analyzed soil samples were at concentrations exceeding the applicable screening level (SL) for 4,4-DDE.

Refer to **Table 2** for a summary of soil sample OCP laboratory results.

#### **4.4.2 Arsenic and Lead**

No concentrations of arsenic were detected in any of the analyzed soil samples on the Eastern Site.

Lead was detected in multiple soil samples, including P9-D1, P9-D1-DUP, P9-D2 through P9-D4, P10-D1 through P10-D4, P14-D1 through P14-D4, P15-D1 through P15-D4, P18-D1 through P18-D4, P19-C1, P19-C1-DUP, P19-D1 through P19-D4, P20-D1 through P20-D4, P21-D1 through P21-D4, P22-D1 through P22-D4, P23-D1, P23-D1-DUP, P23-D2 through P23-D4, and P24-D1 through P24-D4.

Lead concentrations in these samples ranged from 3.10 to 21.6 mg/kg, all of which were below the SL of 80 mg/kg and below the Kearney background concentration of 37.7 mg/kg for lead.

Refer to **Table 3** for a summary of soil sample lead and arsenic laboratory results.

#### **4.5 Western Site**

##### **4.5.1 OCPs**

No concentrations of OCPs were detected in any of the analyzed soil samples on the Western Site.

Refer to **Table 2** for a summary of soil sample OCP laboratory results.

##### **4.5.2 Arsenic and Lead**

Arsenic was detected in only one soil sample (P4-D3) at a concentration of 3.14 mg/kg, which exceeds both the RL (2.0 mg/kg) and SL (0.032 mg/kg), however does not exceed the DTSC guidance background concentration of 12 mg/kg for arsenic. No other samples analyzed contained arsenic above the RL.

Lead was detected in multiple soil samples, including P4-D1 through P4-D3, P7-D3, P7-D4, P8-D1, P8-D3-DUP, and P8-D4. Lead concentrations in these samples ranged from 3.17 to 14.8 mg/kg, which is below the SL of 80 mg/kg and below the Kearney background concentration of 37.7 mg/kg for lead.

Refer to **Table 3** for a summary of soil sample lead and arsenic laboratory results.

#### **4.6 Quality Assurance and Quality Control**

As part of the laboratory QA/QC protocol, Sunstar collected and analyzed method blanks and laboratory control samples/duplicates to evaluate the potential for cross-contamination from the laboratory equipment and/or sampling materials. No constituents of potential concern were identified in the sample blanks.

Several QA/QC duplicate samples were collected in accordance with DTSC guidelines from both the Eastern and Western Sites. No large discrepancies were observed between the original and duplicate samples. The relative percent difference (RPD) between the laboratory control samples and duplicates ranged from 0.148% to 10%, which is within the acceptable range of <25%.

Laboratory QA/QC documentation is included in the laboratory analytical reports attached as **Appendix C** at the end of the report.

#### **4.7 Discussion**

Lead or OCPs were not detected at concentrations above applicable screening criteria concentrations in the shallow soil samples collected at the Site. Arsenic was detected in sample P4-D3 (3.14 mg/kg) above the

residential SL, however, the concentration does not exceed the DTSC Guidance background concentration of 12 mg/kg.

Therefore, there does not appear to be any significant lead, arsenic or OCP shallow soil impacts from the former orchard operations at the Site and the Site should be approved for residential development.

## 5.0 SUMMARY AND CONCLUSION

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Partner conducted a Limited Soils Investigation at the Site to evaluate shallow soils for residential development in the former orchard areas located on the Site for the presence of OCPs, arsenic, and/or lead as a consequence of the historical on-site orchard use.

The scope of work included the advancement of over 100 shallow depth borings from the Eastern and Western Sites to collect both composite and discrete soil samples. A total of 105 soil samples were collected and analyzed for OCPs via EPA Method 8081A and for arsenic and lead via EPA Method 6010b.

On the Eastern Site, 4,4-DDE was detected in several soil samples above the RL; however none exceeding the residential SL. Arsenic was not detected in any of the analyzed soil samples located on the Eastern Site. Lead was detected in multiple samples, but all concentrations were below both the SL and background concentration.

On the Western Site, no concentrations of OCPs were detected in any of the analyzed soil samples. Arsenic was detected in only one soil sample (P4-D3) at a concentration that exceeds both the RL and SL, however, does not exceed the background concentration of 12 mg/kg. Lead was detected in multiple samples, but all concentrations were below both the SL and background concentration.

Based on the investigation completed at the Site, there does not appear to be any significant lead, arsenic or OCP shallow soil impacts from the former orchard operations at the Site. Partner recommends no further action at this time.

## TABLES

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Table 1: Summary of Investigation Scope  
Limited Soils Investigation  
25-01 Carmenere Estates Subdivision  
Partner Project Number ES20-280220  
August - September 2025

Boring Identification	Location	Date Sampled	Matrix Sampled	Depth (bgs)	Analysis
P1-B	Section 1 (Western Side)	8/28/2025	Soil	5 feet	As
P1-B-DUP	Section 1 (Western Side)	8/28/2025	Soil	5 feet	As
P3-B	Section 3 (Western Side)	9/9/2025	Soil	5 feet	As
P4-C1	Section 4 (Western Side)	9/9/2025	Soil	6 inches	OCPs
P4-C1-DUP	Section 4 (Western Side)	9/9/2025	Soil	6 inches	OCPs
P4-C2	Section 4 (Western Side)	9/9/2025	Soil	6 inches	OCPs
P4-C3	Section 4 (Western Side)	9/9/2025	Soil	6 inches	OCPs
P4-C4	Section 4 (Western Side)	9/9/2025	Soil	6 inches	OCPs
P4-D1	Section 4 (Western Side)	9/9/2025	Soil	6 inches	As and Pb
P4-D2	Section 4 (Western Side)	9/9/2025	Soil	6 inches	As and Pb
P4-D3	Section 4 (Western Side)	9/9/2025	Soil	6 inches	As and Pb
P4-D4	Section 4 (Western Side)	9/9/2025	Soil	6 inches	As and Pb
P4-D4-DUP	Section 4 (Western Side)	9/9/2025	Soil	6 inches	As and Pb
P5-B	Section 5 (Western Side)	9/9/2025	Soil	5 feet	As
P6-B	Section 6 (Westsern Side)	9/9/2025	Soil	5 feet	As
P7-C1	Section 7 (Westsern Side)	9/9/2025	Soil	6 inches	OCPs
P7-C1-DUP	Section 7 (Westsern Side)	9/9/2025	Soil	6 inches	OCPs
P7-C2	Section 7 (Westsern Side)	9/9/2025	Soil	6 inches	OCPs
P7-C3	Section 7 (Westsern Side)	9/9/2025	Soil	6 inches	OCPs
P7-C4	Section 7 (Westsern Side)	9/9/2025	Soil	6 inches	OCPs
P7-D1	Section 7 (Westsern Side)	9/9/2025	Soil	6 inches	As and Pb
P7-D2	Section 7 (Westsern Side)	9/9/2025	Soil	6 inches	As and Pb
P7-D3	Section 7 (Westsern Side)	9/9/2025	Soil	6 inches	As and Pb
P7-D4	Section 7 (Westsern Side)	9/9/2025	Soil	6 inches	As and Pb
P8-C1	Section 8 (Westsern Side)	9/9/2025	Soil	6 inches	OCPs
P8-C2	Section 8 (Westsern Side)	9/9/2025	Soil	6 inches	OCPs
P8-C3	Section 8 (Westsern Side)	9/9/2025	Soil	6 inches	OCPs
P8-C4	Section 8 (Westsern Side)	9/9/2025	Soil	6 inches	OCPs
P8-D1	Section 8 (Westsern Side)	9/9/2025	Soil	6 inches	As and Pb
P8-D2	Section 8 (Westsern Side)	9/9/2025	Soil	6 inches	As and Pb
P8-D3	Section 8 (Westsern Side)	9/9/2025	Soil	6 inches	As and Pb
P8-D3-DUP	Section 8 (Westsern Side)	9/9/2025	Soil	6 inches	As and Pb
P8-D4	Section 8 (Westsern Side)	9/9/2025	Soil	6 inches	As and Pb
P9-C1	Section 9 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs
P9-C2	Section 9 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs
P9-C3	Section 9 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs

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Limited Soils Investigation  
25-01 Carmenere Estates Subdivision  
Partner Project Number ES20-280220  
August - September 2025

Boring Identification	Location	Date Sampled	Matrix Sampled	Depth (bgs)	Analysis
P9-C4	Section 9 (Eastern Side)	9/5/2025	Soil	6 inches	OCPs
P9-D1	Section 9 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P9-D1-DUP	Section 9 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P9-D2	Section 9 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P9-D3	Section 9 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P9-D4	Section 9 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P10-C1	Section 10 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs
P10-C2	Section 10 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs
P10-C3	Section 10 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs
P10-C4	Section 10 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs
P10-D1	Section 10 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P10-D2	Section 10 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P10-D3	Section 10 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P10-D4	Section 10 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P12-B	Section 12 (Eastern Side)	9/5/2025	Soil	<u>5 feet</u>	As
P13-B	Section 13 (Eastern Side)	9/5/2025	Soil	<u>5 feet</u>	As
P14-C1	Section 14 (Eastern Side)	9/5/2025	Soil	6 inches	OCPs
P14-C2	Section 14 (Eastern Side)	9/5/2025	Soil	6 inches	OCPs
P14-C3	Section 14 (Eastern Side)	9/5/2025	Soil	6 inches	OCPs
P14-C4	Section 14 (Eastern Side)	9/5/2025	Soil	6 inches	OCPs
P14-D1	Section 14 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	As and Pb
P14-D2	Section 14 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	As and Pb
P14-D3	Section 14 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	As and Pb
P14-D4	Section 14 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	As and Pb
P15-C1	Section 15 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs
P15-C2	Section 15 (Eastern Side)	9/5/2025	Soil	6 inches	OCPs
P15-C3	Section 15 (Eastern Side)	9/5/2025	Soil	6 inches	OCPs
P15-C3-DUP	Section 15 (Eastern Side)	9/5/2025	Soil	6 inches	OCPs
P15-C4	Section 15 (Eastern Side)	9/5/2025	Soil	6 inches	OCPs
P15-D1	Section 15 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P15-D2	Section 15 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	As and Pb
P15-D3	Section 15 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	As and Pb
P15-D4	Section 15 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	As and Pb
P16-B	Section 16 (Eastern Side)	8/28/2025	Soil	<u>5 feet</u>	As
P17-B	Section 17 (Eastern Side)	8/28/2025	Soil	<u>5 feet</u>	As
P18-C1	Section 18 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs

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25-01 Carmenere Estates Subdivision  
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August - September 2025

Boring Identification	Location	Date Sampled	Matrix Sampled	Depth (bgs)	Analysis
P18-C2	Section 18 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs
P18-C3	Section 18 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs
P18-C4	Section 18 (Eastern Side)	8/28/2025	Soil	6 inches	OCPs
P18-D1	Section 18 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P18-D2	Section 18 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P18-D3	Section 18 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P18-D4	Section 18 (Eastern Side)	8/28/2025	Soil	<u>6 inches</u>	As and Pb
P19-D1	Section 19 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P19-D2	Section 19 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P19-D3	Section 19 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P20-D1	Section 20 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P20-D2	Section 20 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P20-D3	Section 20 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P20-D4	Section 20 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P21-D1	Section 21 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P21-D2	Section 21 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P21-D3	Section 21 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P21-D4	Section 21 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P22-D1	Section 22 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P22-D2	Section 22 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P22-D3	Section 22 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P22-D4	Section 22 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P23-D1	Section 23 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P23-D1-DUP	Section 23 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P23-D2	Section 23 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P23-D3	Section 23 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P23-D4	Section 23 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P24-D1	Section 24 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P24-D2	Section 24 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P24-D3	Section 24 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb
P24-D4	Section 24 (Eastern Side)	9/5/2025	Soil	<u>6 inches</u>	OCPs, As and Pb

Notes:  
bgs = below ground surface  
\*Depths in bold were analyzed for for Organochlorine Pesticides(OCPs) in accordance with United States Environmental Protection Agency (EPA) Method 8081A. Depths underlined were analyzed for lead (Pb) and arsenic (As) in accordance with EPA Method 6010b. Depths *italicized* were analyzed for carbon chain total petroluem hydrocarbons (TPH-cc) in accordance with EPA Method 8015.

Table 2: Soil Sample OCPs Results (mg/kg)  
 Limited Soils Investigation  
 25-01 Carmenere Estates Subdivision  
 Partner Project Number ES20-280220  
 August - September 2025

Boring Locations	Sample Depth (feet bgs)	Date Sampled	4,4'-DDE	Other OCPs
Residential Soil SL			2	Varies
P1-B	<u>5 feet</u>	8/28/2025	<0.005	NA
P1-B-DUP	<u>5 feet</u>	8/28/2025	<0.005	NA
P3-B	<u>5 feet</u>	9/9/2025	<0.005	NA
P4-C1	6 inches	9/9/2025	<0.005	NA
P4-C1-DUP	6 inches	9/9/2025	<0.005	NA
P4-C2	6 inches	9/9/2025	<0.005	NA
P4-C3	6 inches	9/9/2025	<0.005	NA
P4-C4	6 inches	9/9/2025	<0.005	NA
P4-D1	<u>6 inches</u>	9/9/2025	<0.005	NA
P4-D2	<u>6 inches</u>	9/9/2025	<0.005	NA
P4-D3	<u>6 inches</u>	9/9/2025	<0.005	NA
P4-D4	<u>6 inches</u>	9/9/2025	<0.005	NA
P4-D4-DUP	<u>6 inches</u>	9/9/2025	<0.005	NA
P5-B	<u>5 feet</u>	9/9/2025	<0.005	NA
P6-B	<u>5 feet</u>	9/9/2025	<0.005	NA
P7-C1	6 inches	9/9/2025	<0.005	NA
P7-C1-DUP	6 inches	9/9/2025	<0.005	NA
P7-C2	6 inches	9/9/2025	<0.005	NA
P7-C3	6 inches	9/9/2025	<0.005	NA
P7-C4	6 inches	9/9/2025	<0.005	NA
P7-D1	<u>6 inches</u>	9/9/2025	<0.005	NA
P7-D2	<u>6 inches</u>	9/9/2025	<0.005	NA
P7-D3	<u>6 inches</u>	9/9/2025	<0.005	NA
P7-D4	<u>6 inches</u>	9/9/2025	<0.005	NA
P8-C1	6 inches	9/9/2025	<0.005	NA
P8-C2	6 inches	9/9/2025	<0.005	NA
P8-C3	6 inches	9/9/2025	<0.005	NA
P8-C4	6 inches	9/9/2025	<0.005	NA
P8-D1	<u>6 inches</u>	9/9/2025	<0.005	NA
P8-D2	<u>6 inches</u>	9/9/2025	<0.005	NA
P8-D3	<u>6 inches</u>	9/9/2025	<0.005	NA
P8-D3-DUP	<u>6 inches</u>	9/9/2025	<0.005	NA
P8-D4	<u>6 inches</u>	9/9/2025	<0.005	NA
P9-C1	6 inches	8/28/2025	<0.005	NA
P9-C2	6 inches	8/28/2025	<0.005	NA
P9-C3	6 inches	8/28/2025	0.027	NA

Table 2: Soil Sample OCPs Results (mg/kg)  
Limited Soils Investigation  
25-01 Carmenere Estates Subdivision Part-  
ner Project Number ES20-280220 August  
- September 2025

P9-C4	6 inches	9/5/2025	<0.005	NA
P9-D1	<u>6 inches</u>	8/28/2025	<0.005	NA
P9-D1-DUP	<u>6 inches</u>	8/28/2025	<0.005	NA
P9-D2	<u>6 inches</u>	8/28/2025	<0.005	NA
P9-D3	<u>6 inches</u>	8/28/2025	<0.005	NA
P9-D4	<u>6 inches</u>	8/28/2025	<0.005	NA
P10-C1	6 inches	8/28/2025	<0.005	NA
P10-C2	6 inches	8/28/2025	<0.005	NA
P10-C3	6 inches	8/28/2025	<0.005	NA
P10-C4	6 inches	8/28/2025	<0.005	NA
P10-D1	<u>6 inches</u>	8/28/2025	<0.005	NA
P10-D2	<u>6 inches</u>	8/28/2025	<0.005	NA
P10-D3	<u>6 inches</u>	8/28/2025	<0.005	NA
P10-D4	<u>6 inches</u>	8/28/2025	<0.005	NA
P12-B	<u>5 feet</u>	9/5/2025	<0.005	NA
P13-B	<u>5 feet</u>	9/5/2025	<0.005	NA
P14-C1	6 inches	9/5/2025	<0.005	NA
P14-C2	6 inches	9/5/2025	<0.005	NA
P14-C3	6 inches	9/5/2025	<0.005	NA
P14-C4	6 inches	9/5/2025	<0.005	NA
P14-D1	<u>6 inches</u>	9/5/2025	<0.005	NA
P14-D2	<u>6 inches</u>	9/5/2025	<0.005	NA
P14-D3	<u>6 inches</u>	9/5/2025	<0.005	NA
P14-D4	<u>6 inches</u>	9/5/2025	<0.005	NA
P15-C1	6 inches	8/28/2025	0.014	NA
P15-C2	6 inches	9/5/2025	<0.005	NA
P15-C3	6 inches	9/5/2025	0.036	NA
P15-C3-DUP	6 inches	9/5/2025	0.031	NA
P15-C4	6 inches	9/5/2025	0.020	NA
P15-D1	<u>6 inches</u>	8/28/2025	<0.005	NA
P15-D2	<u>6 inches</u>	9/5/2025	<0.005	NA
P15-D3	<u>6 inches</u>	9/5/2025	<0.005	NA
P15-D4	<u>6 inches</u>	9/5/2025	<0.005	NA
P16-B	<u>5 feet</u>	8/28/2025	<0.005	NA
P17-B	<u>5 feet</u>	8/28/2025	<0.005	NA
P18-C1	6 inches	8/28/2025	<0.005	NA
P18-C2	6 inches	8/28/2025	<0.005	NA
P18-C3	6 inches	8/28/2025	<0.005	NA
P18-C4	6 inches	8/28/2025	0.019	NA
P18-D1	<u>6 inches</u>	8/28/2025	<0.005	NA
P18-D2	<u>6 inches</u>	8/28/2025	<0.005	NA
P18-D3	<u>6 inches</u>	8/28/2025	<0.005	NA
P18-D4	<u>6 inches</u>	8/28/2025	<0.005	NA
P19-D1	<u>6 inches</u>	9/5/2025	<0.005	NA

Table 2: Soil Sample OCPs Results (mg/kg)  
 Limited Soils Investigation  
 25-01 Carmenere Estates Subdivision  
 Partner Project Number ES20-280220  
 August - September 2025

P19-D2	<u>6 inches</u>	9/5/2025	<0.005	NA
P19-D3	<u>6 inches</u>	9/5/2025	<0.005	NA
P20-D1	<u>6 inches</u>	9/5/2025	<0.005	NA
P20-D2	<u>6 inches</u>	9/5/2025	<0.005	NA
P20-D3	<u>6 inches</u>	9/5/2025	<0.005	NA
P20-D4	<u>6 inches</u>	9/5/2025	<0.005	NA
P21-D1	<u>6 inches</u>	9/5/2025	<0.005	NA
P21-D2	<u>6 inches</u>	9/5/2025	<0.005	NA
P21-D3	<u>6 inches</u>	9/5/2025	<0.005	NA
P21-D4	<u>6 inches</u>	9/5/2025	<0.005	NA
P22-D1	<u>6 inches</u>	9/5/2025	<0.005	NA
P22-D2	<u>6 inches</u>	9/5/2025	<0.005	NA
P22-D3	<u>6 inches</u>	9/5/2025	<0.005	NA
P22-D4	<u>6 inches</u>	9/5/2025	<0.005	NA
P23-D1	<u>6 inches</u>	9/5/2025	<0.005	NA
P23-D1-DUP	<u>6 inches</u>	9/5/2025	<0.005	NA
P23-D2	<u>6 inches</u>	9/5/2025	<0.005	NA
P23-D3	<u>6 inches</u>	9/5/2025	<0.005	NA
P23-D4	<u>6 inches</u>	9/5/2025	<0.005	NA
P24-D1	<u>6 inches</u>	9/5/2025	<0.005	NA
P24-D2	<u>6 inches</u>	9/5/2025	<0.005	NA
P24-D3	<u>6 inches</u>	9/5/2025	<0.005	NA
P24-D4	<u>6 inches</u>	9/5/2025	<0.005	NA

Table 3: Soil Sample Metals Results (mg/kg)  
Limited Soils Investigation  
25-01 Carmenere Estates Subdivision  
Partner Project Number ES20-280220  
August - September 2025

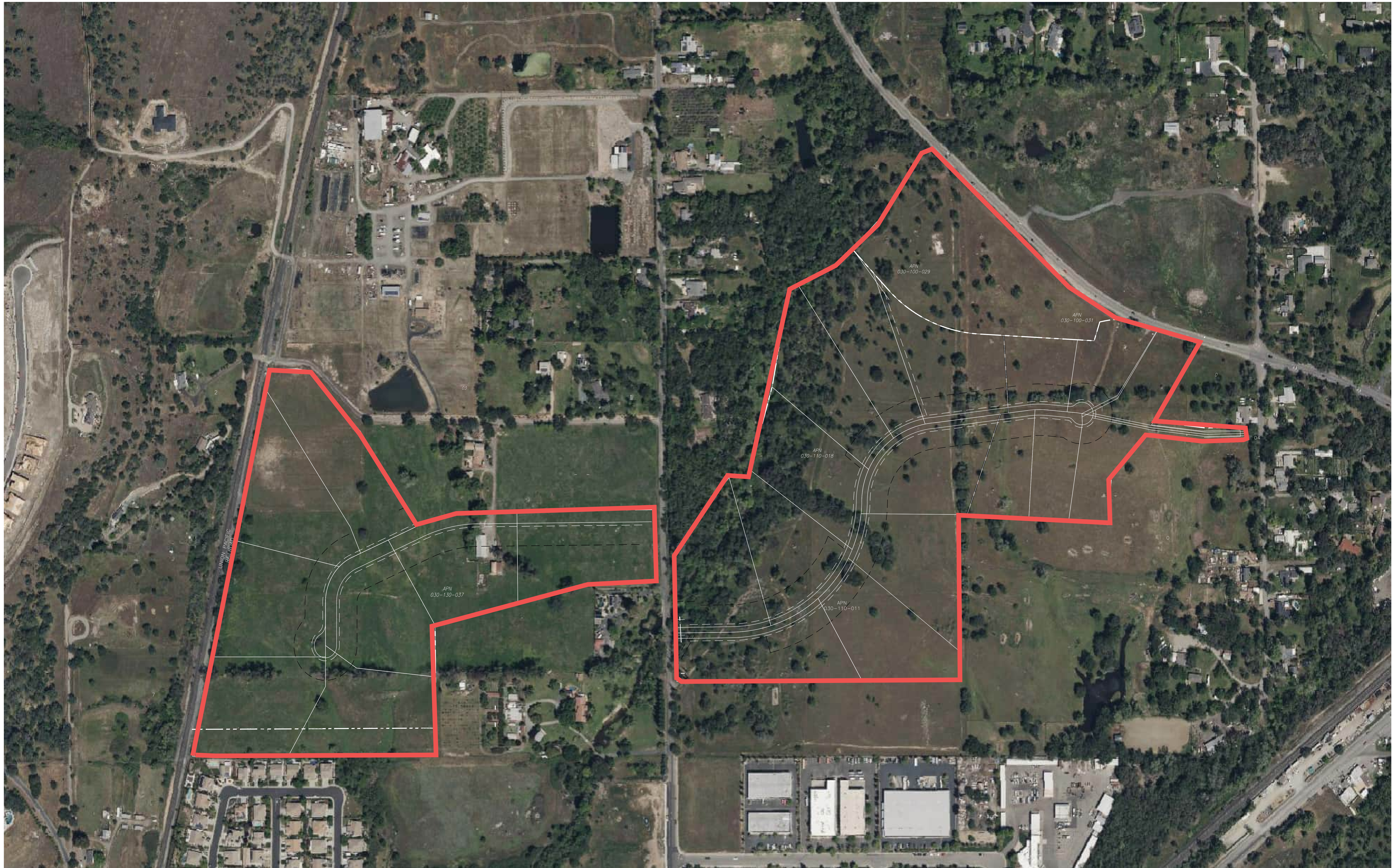
Boring Locations	Sample Depth (feet bgs)	Date Sampled	Arsenic (As)	Lead (Pb)
Residential Soil SL			0.032	80
Background Concentrations			12 <sup>(B)</sup>	10.1-37.7 <sup>(A)</sup>
P1-B	5 feet	8/28/2025	<2.00*	<3.00
P1-B-DUP	5 feet	8/28/2025	<2.00*	<3.00
P3-B	5 feet	9/9/2025	<2.00*	<3.00
P4-C1	6 inches	9/9/2025	<2.00*	<3.00
P4-C1-DUP	6 inches	9/9/2025	<2.00*	<3.00
P4-C2	6 inches	9/9/2025	<2.00*	<3.00
P4-C3	6 inches	9/9/2025	<2.00*	<3.00
P5-C4	6 inches	9/9/2025	<2.00*	<3.00
P4-D1	6 inches	9/9/2025	<2.00*	14.8
P4-D2	6 inches	9/9/2025	<2.00*	10.2
P4-D3	6 inches	9/9/2025	3.14	10.0
P4-D4	6 inches	9/9/2025	<2.00*	<3.00
P4-D4-DUP	6 inches	9/9/2025	<2.00*	<3.00
P5-B	5 feet	9/9/2025	<2.00*	<3.00
P6-B	5 feet	9/9/2025	<2.00*	<3.00
P7-C1	6 inches	9/9/2025	<2.00*	<3.00
P7-C1-DUP	6 inches	9/9/2025	<2.00*	<3.00
P7-C2	6 inches	9/9/2025	<2.00*	<3.00
P7-C3	6 inches	9/9/2025	<2.00*	<3.00
P7-C4	6 inches	9/9/2025	<2.00*	<3.00
P7-D1	6 inches	9/9/2025	<2.00*	<3.00
P7-D2	6 inches	9/9/2025	<2.00*	<3.00
P7-D3	6 inches	9/9/2025	<2.00*	7.00
P7-D4	6 inches	9/9/2025	<2.00*	8.26
P8-C1	6 inches	9/9/2025	<2.00*	<3.00
P8-C2	6 inches	9/9/2025	<2.00*	<3.00
P8-C3	6 inches	9/9/2025	<2.00*	<3.00
P8-C4	6 inches	9/9/2025	<2.00*	<3.00
P8-D1	6 inches	9/9/2025	<2.00*	6.33
P8-D2	6 inches	9/9/2025	<2.00*	<3.00
P8-D3	6 inches	9/9/2025	<2.00*	<3.00
P8-D3-DUP	6 inches	9/9/2025	<2.00*	3.17
P8-D4	6 inches	9/9/2025	<2.00*	5.80
P9-C1	6 inches	8/28/2025	<2.00*	<3.00
P9-C2	6 inches	8/28/2025	<2.00*	<3.00
P9-C3	6 inches	8/28/2025	<2.00*	<3.00
P9-C4	6 inches	9/5/2025	<2.00*	<3.00
P9-D1	6 inches	8/28/2025	<2.00*	3.10
P9-D1-DUP	6 inches	8/28/2025	<2.00*	3.33
P9-D2	6 inches	8/28/2025	<2.00*	4.14
P9-D3	6 inches	8/28/2025	<2.00*	5.07
P9-D4	6 inches	8/28/2025	<2.00*	6.00
P10-C1	6 inches	8/28/2025	<2.00*	<3.00
P10-C2	6 inches	8/28/2025	<2.00*	<3.00
P10-C3	6 inches	8/28/2025	<2.00*	<3.00
P10-C4	6 inches	8/28/2025	<2.00*	<3.00
P10-D1	6 inches	8/28/2025	<2.00*	7.29
P10-D2	6 inches	8/28/2025	<2.00*	6.08
P10-D3	6 inches	8/28/2025	<2.00*	21.6
P10-D4	6 inches	8/28/2025	<2.00*	15.1
P12-B	5 feet	9/5/2025	<2.00*	<3.00
P13-B	5 feet	9/5/2025	<2.00*	<3.00
P14-C1	6 inches	9/5/2025	<2.00*	<3.00
P14-C2	6 inches	9/5/2025	<2.00*	<3.00
P14-C3	6 inches	9/5/2025	<2.00*	<3.00
P14-C4	6 inches	9/5/2025	<2.00*	<3.00
P14-D1	6 inches	9/5/2025	<2.00*	4.96
P14-D2	6 inches	9/5/2025	<2.00*	6.45
P14-D3	6 inches	9/5/2025	<2.00*	5.41
P14-D4	6 inches	9/5/2025	<2.00*	4.43
P15-C1	6 inches	9/5/2025	<2.00*	<3.00
P15-C2	6 inches	9/5/2025	<2.00*	<3.00
P15-C3	6 inches	9/5/2025	<2.00*	<3.00
P15-C3-DUP	6 inches	9/5/2025	<2.00*	<3.00
P15-C4	6 inches	9/5/2025	<2.00*	<3.00

Table 3: Soil Sample Metals Results (mg/kg)  
Limited Soils Investigation  
25-01 Carmenere Estates Subdivision  
Partner Project Number ES20-280220  
August - September 2025

P15-D1	<u>6 inches</u>	8/28/2025	<2.00*	5.27
P15-D2	<u>6 inches</u>	9/5/2025	<2.00*	4.30
P15-D3	<u>6 inches</u>	9/5/2025	<2.00*	3.56
P15-D4	<u>6 inches</u>	9/5/2025	<2.00*	4.43
P16-B	<u>5 feet</u>	8/28/2025	<2.00*	<3.00
P17-B	<u>5 feet</u>	8/28/2025	<2.00*	<3.00
P18-C1	<u>6 inches</u>	8/28/2025	<2.00*	<3.00
P18-C2	<u>6 inches</u>	8/28/2025	<2.00*	<3.00
P18-C3	<u>6 inches</u>	8/28/2025	<2.00*	<3.00
P18-C4	<u>6 inches</u>	8/28/2025	<2.00*	<3.00
P18-D1	<u>6 inches</u>	8/28/2025	<2.00*	5.10
P18-D2	<u>6 inches</u>	8/28/2025	<2.00*	6.47
P18-D3	<u>6 inches</u>	8/28/2025	<2.00*	7.37
P18-D4	<u>6 inches</u>	8/28/2025	<2.00*	12.3
P19-C1	<u>6 inches</u>	9/5/2025	<2.00*	4.76
P19-C1-DUP	<u>6 inches</u>	9/5/2025	<2.00*	3.94
P19-D1	<u>6 inches</u>	9/5/2025	<2.00*	4.41
P19-D2	<u>6 inches</u>	9/5/2025	<2.00*	4.10
P19-D3	<u>6 inches</u>	9/5/2025	<2.00*	5.81
P19-D4	<u>6 inches</u>	9/5/2025	<2.00*	5.01
P20-D1	<u>6 inches</u>	9/5/2025	<2.00*	4.38
P20-D2	<u>6 inches</u>	9/5/2025	<2.00*	5.25
P20-D3	<u>6 inches</u>	9/5/2025	<2.00*	4.80
P21-D1	<u>6 inches</u>	9/5/2025	<2.00*	10.5
P21-D2	<u>6 inches</u>	9/5/2025	<2.00*	5.58
P21-D3	<u>6 inches</u>	9/5/2025	<2.00*	4.33
P21-D4	<u>6 inches</u>	9/5/2025	<2.00*	5.17
P22-D1	<u>6 inches</u>	9/5/2025	<2.00*	5.97
P22-D2	<u>6 inches</u>	9/5/2025	<2.00*	5.16
P22-D3	<u>6 inches</u>	9/5/2025	<2.00*	5.83
P22-D4	<u>6 inches</u>	9/5/2025	<2.00*	5.88
P23-D1	<u>6 inches</u>	9/5/2025	<2.00*	4.51

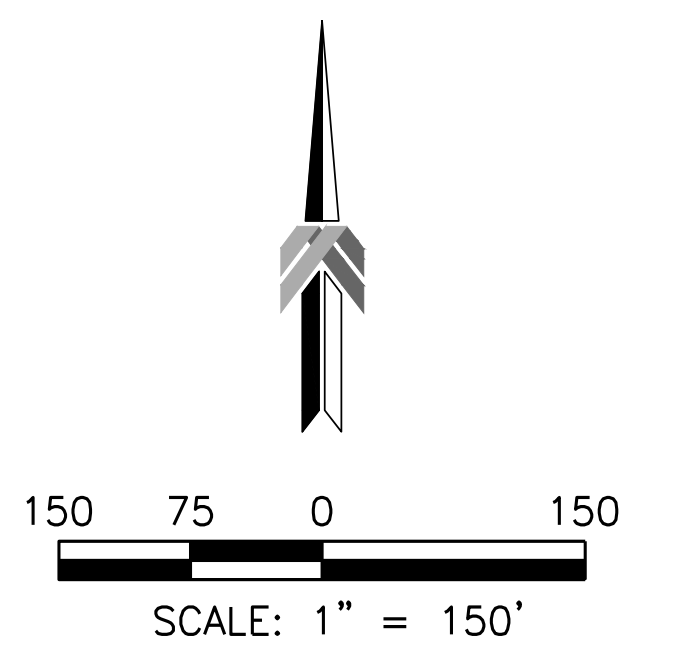
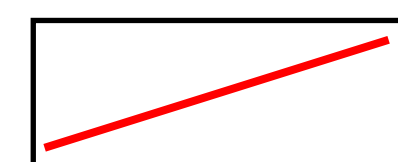
## FIGURES

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## Legend and Notes:

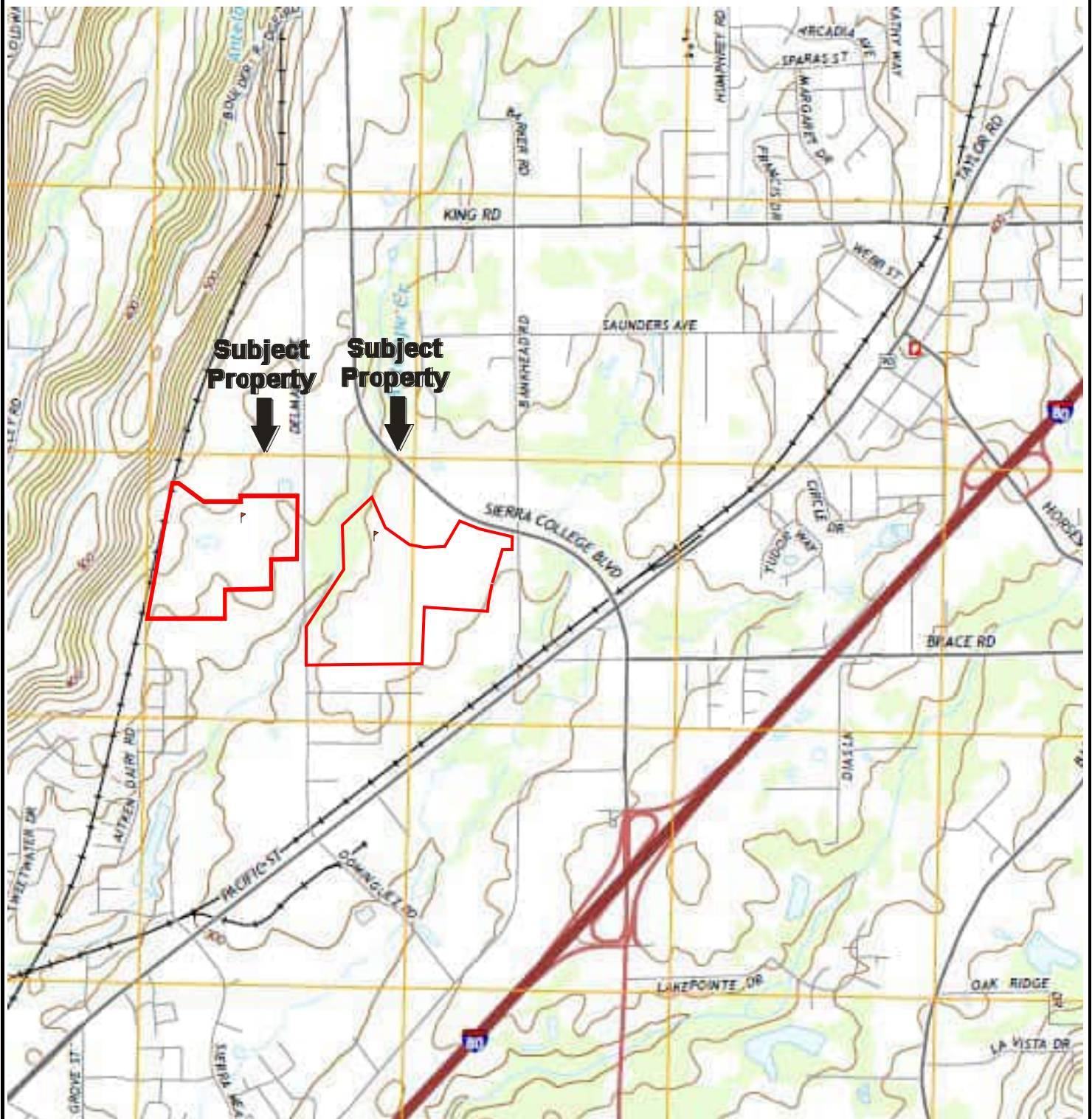
Site Boundary



## Site Location Map

Project No 20-28022

**PARTNER**

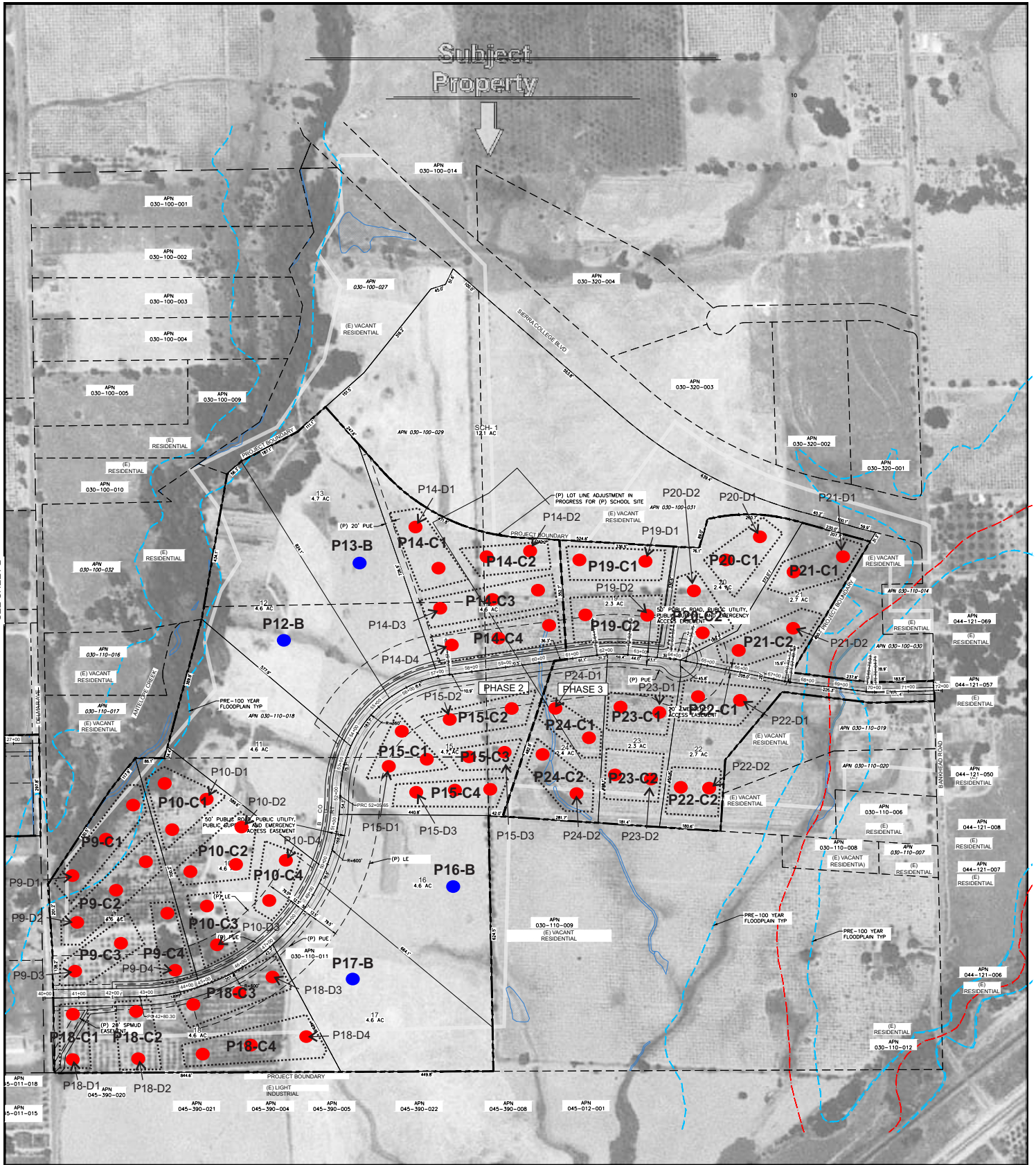


USGS 7.5 Minute *Rocklin, California* Quadrangle

Created: 2012/Revised: 2015

FIGURE 2: TOPOGRAPHIC MAP  
Project No. 20-280220

**PARTNER**



**Legend and Notes:**

- |  |                            |                      |
|--|----------------------------|----------------------|
|  | Boring Location            | C - Composite Sample |
|  | Background Sample Location | D - Discrete Sample  |

100 50 0 100  
SCALE: 1" = 100'

Aerial Photograph Year: 1952  
Base Map by King Engineering (April 2024)

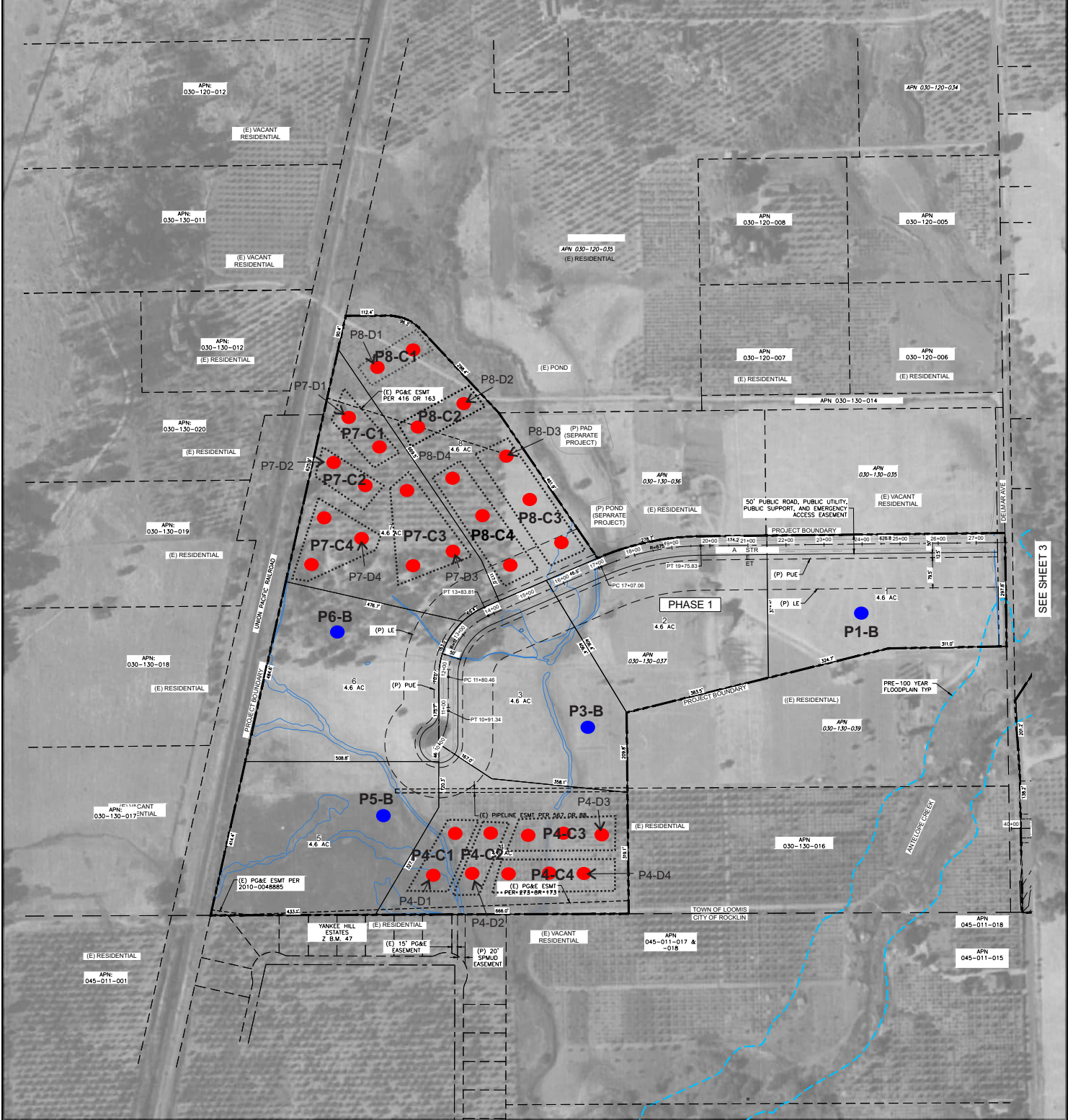
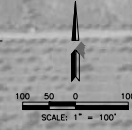
**East Site Map Overlay**  
Project No. 20-280220

**PARTNER**

# VESTING TENTATIVE MAP - WEST

## DELMAR FARMS

TOWN OF LOOMIS STATE OF CALIFORNIA  
APRIL 2024



### Legend and Notes:

- Boring Location
- Background Sample Location
- C - Composite Sample
- D - Discrete Sample

100 50 0 100  
SCALE: 1" = 100'

Aerial Photograph Year: 1938  
Base Map by King Engineering (April 2024)

**West Side Site Map Overlay**  
Project No. 20-280220.1

**PARTNER**

## APPENDIX A: PLACER COUNTY MEMO

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# MEMORANDUM

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DATE: July 25, 2025

TO: Town of Loomis Planning

FROM: Danielle Pohlman, REHS

SUBJECT: 25-01 Carmenere Estates Subdivision  
Tentative Map & Initial Study Comments

APNs: 030-100-037, 030-110-011/018, 030-130-037

Environmental Health has reviewed additional documentation received for the project since the first submittal including utility availability letters, Phase I Environmental Site Assessments and the initial study. The Division has the following comments:

1. Potential hazards from past land use must be evaluated. Provide a Phase I Environmental Site Assessment which has been performed in accordance with ASTM Standard E 1527-21. The assessment shall discuss and evaluate past land uses such as mining, agricultural, industrial, or commercial uses that may have occurred on or near the project site causing possible contamination of persistent materials of public health or environmental concern. **(Outstanding)**

"Western Site" APNs: 030-130-037

Environmental Health has reviewed the Phase 1 Environmental Site Assessment dated April 21, 2020, for the "Western Site" by Partner Engineering and Science, Inc. The assessment identified that the property contained a historic orchard and therefore four composite soil samples were collected and tested for organochlorine pesticides and arsenic. The results of the four samples did not detect any organochlorine pesticides or arsenic however there was no site plan showing the location of the former orchard, the location of the samples or information as to the depth of the samples. There was no testing for lead in the four samples collected. **Environmental Health recommends that prior to tentative map approval and acceptance of a mitigated negative declaration that a full Phase II Environmental Site Assessment (Limited Soils Investigation) be completed by a qualified consultant in accordance with the California EPA, Department of Toxic Substances Control (DTSC) August 2008 "Interim Guidance for Sampling Agricultural Properties." Due to the historic use of lead arsenate as a pesticide in Placer County, lead and arsenic should be included in the sampling along with organochlorine pesticides. The assessment shall include a site plan showing where the initial samples were collected and include additional sampling for lead. The number of total samples shall be based on the total acreage of historic orchards as per the DTSC guidelines.**

# MEMORANDUM

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"Eastern Site" APNs: 030-100-037, 030-110-011/018

Environmental Health has reviewed the Phase 1 Environmental Site Assessment dated March 1, 2018, for the "Eastern Site" by Partner Engineering and Science, Inc. The assessment identified that the property contained a historic orchard and present-day agricultural activities and recommended further assessment for pesticides, herbicides and/or fertilizers prior to any residential development.

Environmental Health recommends that prior to tentative map approval and acceptance of a mitigated negative declaration that a Phase II Environmental Site Assessment (Limited Soils Investigation) be completed by a qualified consultant in accordance with the California EPA, Department of Toxic Substances Control (DTSC) August 2008 "Interim Guidance for Sampling Agricultural Properties." Due to the historic use of lead arsenate as a pesticide in Placer County, lead and arsenic should be included in the sampling along with organochlorine pesticides. The number of total samples shall be based on the total acreage of historic orchards as per the DTSC guidelines.

2. Prior to tentative map approval, provide an availability letter from the South Placer Municipal Utility District stating their requirements and availability to serve the project. Each lot shall connect to sewer. **(Completed – SPMUD Letter Dated July 15, 2025)**
3. Prior to tentative map approval, provide an availability letter from Placer County Water Agency stating their requirements and availability to serve the project. Each lot shall connect to the treated public water supply. **(Completed – PCWA Letter Dated May 13, 2025)**
4. Prior to tentative map approval ,provide an availability letter from Recology stating their requirements to serve the project. Each lot shall subscribe to weekly solid-waste collection upon development. **(Outstanding)**
5. The Phase I Environmental Site Assessment revealed a total of three water wells on the subject property. **(Outstanding)**
  - a. The western site has one drilled well near parcel 7, which was drilled under permit in 2020 with Environmental Health. The initial study states this well would be abandoned. Show this well on the preliminary improvement plans with indication that it will be abandoned under permit with Environmental Health prior to improvement plan approval or final map approval whichever comes first.

# MEMORANDUM

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- b. The eastern site has two drilled wells which are not on record with Environmental Health. Both wells shall be destroyed under permit prior to improvement plan approval or final map approval, whichever comes first. One well appears to be near Sierra College Blvd on either parcel 21 or 22, and the other well appears near Del Mar on parcel 9. Update the preliminary improvement plans to show these two wells with an indication that they will be abandoned.
- 6. Prior to tentative map approval, the applicant shall submit preliminary improvement plans showing the proposed water and sewer improvements needed to serve the project. The plans shall show sewer and water stubs to each proposed parcel. The plan shall identify the three existing water wells with an indication that each will be destroyed. **(Outstanding)**

## **Initial Study/Mitigated Negative Declaration Comments**

Environmental Health has reviewed the initial study and mitigated negative declaration prepared by Raney Planning & Management dated July 2025 circulated by the Town of Loomis and has the following comments:

- 1. Project Description:
  - a. The water section includes an exhibit showing the proposed irrigation water lines. There should also be an exhibit showing the proposed treated water lines to each lot.
  - b. The wastewater section of the project description states that if all sewer options are exhausted that onsite sewage disposal could be pursued for the western section of the project. The availability letter from South Placer Municipal Utility District (SPMUD) dated July 15, 2025, indicates that sewer service is legally and physically available to the project. Environmental Health has confirmed with the SPMUD that should access through Yankee Hill subdivision not be approved by their HOA, that the western section could still be serviced via Del Mar Avenue with the construction of a pump station. This section shall be revised to remove the option of onsite sewage disposal as Placer County's On-Site Sewage Manual, adopted by Placer County Code 8.24.050 requires all lots of a subdivision to connect to public sewer when such is legally and physically available. There has been no documentation provided from the district which indicates sewer is not legally or physically available to serve all lots of the subdivision. If access through Yankee Hill is determined to not be legally available

# MEMORANDUM

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the subdivision shall extend sewer and install the lift station in accordance with SPMUD's requirements.

- c. The wastewater section should include a site plan showing the two sewer service options with connections to each lot.

## 2. Geology and Soils:

- a. Section (e) discussion shall be modified to indicate that onsite sewage disposal of the western section is not an option for the project. The discussion references a "Septic Feasibility Memorandum" and claims that the western site is suitable for standard or pressure dose septic systems. As the authority for onsite sewage disposal in Placer County, Environmental Health must be present for soils testing for any proposed subdivision and must approve the subsequent feasibility report. The only soils testing on record with Environmental Health on the western site is near proposed parcel 7 where a sewage disposal area was approved in 2020. As discussed in comment 1(b) above, the western site shall connect to sewer and therefore there shall be no discussion of potential onsite sewage disposal feasibility for the project as it is not supported by Environmental Health.

## 3. Hazards and Hazardous Materials:

- a. The discussion regarding the western site should be modified based on the recommendations in item 1 on page one of this memo, such that a complete Phase II ESA be conducted in accordance with DTSC guidelines. The discussion currently concludes that there are no impacts from the historic agricultural use. However, there are no records of where the sampling occurred and no discussion of applicable industry screening levels, etc.
- b. The discussion regarding the eastern site should also be modified based on the recommendations in item 1 on page two of this memo. The initial study proposed mitigation measure IX-2 stating that testing for organochlorine pesticides (OCPs) would be required prior to grading permits. Environmental Health would recommend the shallow soil investigation be conducted in accordance with DTSC guidelines prior to entitlement approval and acceptance of the mitigated negative declaration. Without a shallow soil investigation (Phase II ESA), it's unclear what impacts there may be. If the findings of the investigation indicate levels of contaminants in the soil above published screening levels, then further investigation and remediation shall be a mitigation of the project to occur prior to any ground

# MEMORANDUM

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disturbing activities such as grading or improvements. Such activities shall not be permissible until a No Further Action statement or equivalent from Environmental Health, Department of Toxic Substances Control or State Water Resources Control Board is issued.

- c. Mitigation measure IX-2 language should be revised following further investigation and soils testing on the eastern site.
  - d. Mitigation measure IX-3 is misleading regarding the necessary destructions. As per item 5 of this memo, two wells on the eastern site and one well on the western site shall be abandoned. Update the mitigation measure to clarify that there are three wells to be abandoned under permit with Environmental Health prior to improvement plan approval or final map whichever comes first. Please note that the mitigation measure alludes to destruction of the irrigation infrastructure, Environmental Health only oversees the destruction of the well.
  - e. The eastern site discussion of existing groundwater wells concludes that there are no significant environmental concerns regarding the two existing, discovered, irrigation wells. Abandoned wells present a conduit for potential contaminants to reach groundwater and therefore these wells would need to be abandoned in order to mitigate a potential impact. Environmental Health recommends modifying this section to indicate that the wells would need to be abandoned as per the mitigation measure.
4. Utilities and Service Systems
- a. The discussion on wastewater should be updated as per similar comments in the Geology section. SPMUD has indicated that if the connection from Yankee Hill is not approved, sewer service can still be provided via a lift station going up Del Mar. Since sewer is legally and physical available all lots shall connect and onsite sewage disposal is not supported for the project and should be omitted from the discussion.

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## APPENDIX B: SITE PHOTOGRAPHS

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11.



12.

## APPENDIX C: LABORATORY ANALYTICAL REPORTS

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

12 September 2025

Bruce Eppler  
Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville, CA 95661  
RE: Loomis Soil Sampling

Enclosed are the results of analyses for samples received by the laboratory on 09/05/25 11:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lena Davidkov  
Project Manager

Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P9-D1	T253707-01	Soil	08/28/25 00:00	09/05/25 11:10
P9-D2	T253707-02	Soil	08/28/25 00:00	09/05/25 11:10
P9-D3	T253707-03	Soil	08/28/25 00:00	09/05/25 11:10
P9-D4	T253707-04	Soil	08/28/25 00:00	09/05/25 11:10
P9-C1	T253707-05	Soil	08/28/25 00:00	09/05/25 11:10
P9-C2	T253707-06	Soil	08/28/25 00:00	09/05/25 11:10
P9-C3	T253707-07	Soil	08/28/25 00:00	09/05/25 11:10
P9-D1-DUP	T253707-08	Soil	08/28/25 00:00	09/05/25 11:10
P10-D1	T253707-09	Soil	08/28/25 00:00	09/05/25 11:10
P10-D2	T253707-10	Soil	08/28/25 00:00	09/05/25 11:10
P10-D3	T253707-11	Soil	08/28/25 00:00	09/05/25 11:10
P10-D4	T253707-12	Soil	08/28/25 00:00	09/05/25 11:10
P10-C1	T253707-13	Soil	08/28/25 00:00	09/05/25 11:10
P10-C2	T253707-14	Soil	08/28/25 00:00	09/05/25 11:10
P10-C3	T253707-15	Soil	08/28/25 00:00	09/05/25 11:10
P10-C4	T253707-16	Soil	08/28/25 00:00	09/05/25 11:10
P17-B	T253707-17	Soil	08/28/25 00:00	09/05/25 11:10
P16-B	T253707-18	Soil	08/28/25 00:00	09/05/25 11:10
P1-B	T253707-19	Soil	08/28/25 00:00	09/05/25 11:10
P1-B-DUP	T253707-20	Soil	08/28/25 00:00	09/05/25 11:10
P18-D1	T253707-21	Soil	08/28/25 00:00	09/05/25 11:10
P18-D2	T253707-22	Soil	08/28/25 00:00	09/05/25 11:10
P18-D3	T253707-23	Soil	08/28/25 00:00	09/05/25 11:10
P18-D4	T253707-24	Soil	08/28/25 00:00	09/05/25 11:10
P18-C1	T253707-25	Soil	08/28/25 00:00	09/05/25 11:10
P18-C2	T253707-26	Soil	08/28/25 00:00	09/05/25 11:10

SunStar Laboratories, Inc.



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

Lena Davidkov, Project Manager



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Lake Forest, California 92630  
949.297.5020 Phone  
949.297.5027 Fax

Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P18-C3	T253707-27	Soil	08/28/25 00:00	09/05/25 11:10
P18-C4	T253707-28	Soil	08/28/25 00:00	09/05/25 11:10
P15-C1	T253707-29	Soil	08/28/25 00:00	09/05/25 11:10
P15-D1	T253707-30	Soil	08/28/25 00:00	09/05/25 11:10

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager

Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

### DETECTIONS SUMMARY

**Sample ID:** P9-D1

**Laboratory ID:** T253707-01

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	3.10	3.00		mg/kg	EPA 6010b	

**Sample ID:** P9-D2

**Laboratory ID:** T253707-02

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	4.14	3.00		mg/kg	EPA 6010b	

**Sample ID:** P9-D3

**Laboratory ID:** T253707-03

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	5.07	3.00		mg/kg	EPA 6010b	

**Sample ID:** P9-D4

**Laboratory ID:** T253707-04

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	6.00	3.00		mg/kg	EPA 6010b	

**Sample ID:** P9-C1

**Laboratory ID:** T253707-05

No Results Detected

**Sample ID:** P9-C2

**Laboratory ID:** T253707-06

No Results Detected

SunStar Laboratories, Inc.



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Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**Sample ID:** P9-C3

**Laboratory ID:** T253707-07

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
4,4'-DDE	27	5.0	ug/kg	EPA 8081A	

**Sample ID:** P9-D1-DUP

**Laboratory ID:** T253707-08

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	3.33	3.00	mg/kg	EPA 6010b	

**Sample ID:** P10-D1

**Laboratory ID:** T253707-09

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	7.29	3.00	mg/kg	EPA 6010b	

**Sample ID:** P10-D2

**Laboratory ID:** T253707-10

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	6.08	3.00	mg/kg	EPA 6010b	

**Sample ID:** P10-D3

**Laboratory ID:** T253707-11

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	21.6	3.00	mg/kg	EPA 6010b	

**Sample ID:** P10-D4

**Laboratory ID:** T253707-12

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	15.1	3.00	mg/kg	EPA 6010b	

**Sample ID:** P10-C1

**Laboratory ID:** T253707-13

No Results Detected

SunStar Laboratories, Inc.



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09/12/25 10:19

Sample ID: P10-C2

Laboratory ID: T253707-14

No Results Detected

Sample ID: P10-C3

Laboratory ID: T253707-15

No Results Detected

Sample ID: P10-C4

Laboratory ID: T253707-16

No Results Detected

Sample ID: P17-B

Laboratory ID: T253707-17

No Results Detected

Sample ID: P16-B

Laboratory ID: T253707-18

No Results Detected

Sample ID: P1-B

Laboratory ID: T253707-19

No Results Detected

Sample ID: P1-B-DUP

Laboratory ID: T253707-20

No Results Detected

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Project Number: 20-280220  
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**Reported:**  
09/12/25 10:19

**Sample ID:** P18-D1

**Laboratory ID:** T253707-21

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.10	3.00	mg/kg	EPA 6010b	

**Sample ID:** P18-D2

**Laboratory ID:** T253707-22

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	6.47	3.00	mg/kg	EPA 6010b	

**Sample ID:** P18-D3

**Laboratory ID:** T253707-23

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	7.37	3.00	mg/kg	EPA 6010b	

**Sample ID:** P18-D4

**Laboratory ID:** T253707-24

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	12.3	3.00	mg/kg	EPA 6010b	

**Sample ID:** P18-C1

**Laboratory ID:** T253707-25

No Results Detected

**Sample ID:** P18-C2

**Laboratory ID:** T253707-26

No Results Detected

**Sample ID:** P18-C3

**Laboratory ID:** T253707-27

No Results Detected

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**Sample ID:** P18-C4

**Laboratory ID:** T253707-28

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
4,4'-DDE	19	5.0	ug/kg	EPA 8081A	

**Sample ID:** P15-C1

**Laboratory ID:** T253707-29

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
4,4'-DDE	14	5.0	ug/kg	EPA 8081A	

**Sample ID:** P15-D1

**Laboratory ID:** T253707-30

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.27	3.00	mg/kg	EPA 6010b	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P9-D1**  
**T253707-01 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0172	09/08/25	09/09/25	EPA 6010b
<b>Lead</b>	<b>3.10</b>	3.00	"	"	"	"	"	"

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P9-D2**  
**T253707-02 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>4.14</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P9-D3**  
**T253707-03 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>5.07</b>	3.00	"	"	"	"	"	"	

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Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P9-D4**  
**T253707-04 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>6.00</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

**P9-C1**  
**T253707-05 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0139	09/08/25	09/11/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		72.1 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		70.7 %		35-140	"	"	"	"	

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Reported:  
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**P9-C2**  
**T253707-06 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	50	ug/kg	10	25I0139	09/08/25	09/11/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	50	"	"	"	"	"	"	R-07
beta-BHC	ND	50	"	"	"	"	"	"	R-07
delta-BHC	ND	50	"	"	"	"	"	"	R-07
Heptachlor	ND	50	"	"	"	"	"	"	R-07
Aldrin	ND	50	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	50	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	50	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	50	"	"	"	"	"	"	R-07
Endosulfan I	ND	50	"	"	"	"	"	"	R-07
4,4'-DDE	ND	50	"	"	"	"	"	"	R-07
Dieldrin	ND	50	"	"	"	"	"	"	R-07
Endrin	ND	50	"	"	"	"	"	"	R-07
4,4'-DDD	ND	50	"	"	"	"	"	"	R-07
Endosulfan II	ND	50	"	"	"	"	"	"	R-07
4,4'-DDT	ND	50	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	50	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	50	"	"	"	"	"	"	R-07
Methoxychlor	ND	50	"	"	"	"	"	"	R-07
Endrin ketone	ND	50	"	"	"	"	"	"	R-07
Toxaphene	ND	200	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		85.4 %		35-140	"	"	"	"	R-07
Surrogate: Decachlorobiphenyl		65.5 %		35-140	"	"	"	"	R-07

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Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

**P9-C3**  
**T253707-07 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0139	09/08/25	09/11/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
<b>4,4'-DDE</b>	<b>27</b>	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		73.9 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		77.7 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
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**Reported:**  
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**P9-D1-DUP**  
**T253707-08 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>3.33</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P10-D1**  
**T253707-09 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>7.29</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P10-D2**  
**T253707-10 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>6.08</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
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**P10-D3**  
**T253707-11 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>21.6</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
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**P10-D4**  
**T253707-12 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>15.1</b>	3.00	"	"	"	"	"	"	

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Project Number: 20-280220  
Project Manager: Bruce Eppler

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**P10-C1**  
**T253707-13 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0139	09/08/25	09/11/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		77.5 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		71.3 %		35-140	"	"	"	"	

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Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

**P10-C2**  
**T253707-14 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0139	09/08/25	09/11/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		73.3 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		71.7 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

**P10-C3**  
**T253707-15 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510139	09/08/25	09/11/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		77.8 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		77.1 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

**P10-C4**  
**T253707-16 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0139	09/08/25	09/11/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		73.6 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		81.6 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P17-B**  
**T253707-17 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0172	09/08/25	09/09/25	EPA 6010b	
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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P16-B**  
**T253707-18 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0172	09/08/25	09/09/25	EPA 6010b	
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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P1-B**  
**T253707-19 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0172	09/08/25	09/09/25	EPA 6010b	
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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P1-B-DUP**  
**T253707-20 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0172	09/08/25	09/09/25	EPA 6010b	
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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P18-D1**  
**T253707-21 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>5.10</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P18-D2**  
**T253707-22 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>6.47</b>	3.00	"	"	"	"	"	"	

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Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
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**P18-D3**  
**T253707-23 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>7.37</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P18-D4**  
**T253707-24 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>12.3</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

**P18-C1**  
**T253707-25 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0139	09/08/25	09/11/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		76.2 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		69.0 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

**P18-C2**  
**T253707-26 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0139	09/08/25	09/11/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		85.6 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		84.3 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

**P18-C3**  
**T253707-27 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0139	09/08/25	09/11/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		83.2 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		90.7 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

**P18-C4**  
**T253707-28 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0139	09/08/25	09/11/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
<b>4,4'-DDE</b>	<b>19</b>	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		83.4 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		80.6 %		35-140	"	"	"	"	

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

**P15-C1**  
**T253707-29 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0139	09/08/25	09/11/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
<b>4,4'-DDE</b>	<b>14</b>	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		102 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		91.5 %		35-140	"	"	"	"	

SunStar Laboratories, Inc.

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

Lena Davidkov, Project Manager



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

Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

**P15-D1**  
**T253707-30 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510172	09/08/25	09/09/25	EPA 6010b	
<b>Lead</b>	<b>5.27</b>	3.00	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

### Metals by EPA 6010B - Quality Control

#### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 25I0172 - EPA 3050B

##### Blank (25I0172-BLK1)

Prepared: 09/08/25 Analyzed: 09/09/25

Arsenic	ND	2.00	mg/kg							
Lead	ND	3.00	"							

##### LCS (25I0172-BS1)

Prepared: 09/08/25 Analyzed: 09/09/25

Arsenic	99.4	2.00	mg/kg	100		99.4	80-120			
Lead	99.1	3.00	"	100		99.1	80-120			

##### Matrix Spike (25I0172-MS1)

Source: T253707-01

Prepared: 09/08/25 Analyzed: 09/09/25

Arsenic	84.8	2.00	mg/kg	100	ND	84.8	75-125			
Lead	83.5	3.00	"	100	3.10	80.4	75-125			

##### Matrix Spike Dup (25I0172-MSD1)

Source: T253707-01

Prepared: 09/08/25 Analyzed: 09/09/25

Arsenic	85.7	2.00	mg/kg	100	ND	85.7	75-125	1.06	20	
Lead	84.6	3.00	"	100	3.10	81.5	75-125	1.36	20	

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Lake Forest, California 92630  
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Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 25I0139 - EPA 3550B Soil

##### Blank (25I0139-BLK1)

Prepared: 09/08/25 Analyzed: 09/11/25

alpha-BHC	ND	5.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	5.0	"							
alpha-Chlordane	ND	5.0	"							
Endosulfan I	ND	5.0	"							
4,4'-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4'-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4'-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	5.0	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	20	"							
Surrogate: Tetrachloro-meta-xylene	8.60		"	10.0		86.0	35-140			
Surrogate: Decachlorobiphenyl	10.1		"	10.0		101	35-140			

##### LCS (25I0139-BS1)

Prepared: 09/08/25 Analyzed: 09/11/25

gamma-BHC (Lindane)	36.1	5.0	ug/kg	40.4		89.3	40-120			
Heptachlor	36.4	5.0	"	40.0		91.0	40-120			
Aldrin	32.7	5.0	"	40.0		81.6	40-120			
Dieldrin	36.8	5.0	"	40.2		91.4	40-120			
Endrin	36.8	5.0	"	40.2		91.6	40-120			
4,4'-DDT	36.9	5.0	"	40.4		91.3	33-147			
Surrogate: Tetrachloro-meta-xylene	7.72		"	10.0		77.2	35-140			
Surrogate: Decachlorobiphenyl	10.6		"	10.0		106	35-140			

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/12/25 10:19

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 25I0139 - EPA 3550B Soil

Matrix Spike (25I0139-MS1)		Source: T253707-05			Prepared: 09/08/25		Analyzed: 09/11/25			
gamma-BHC (Lindane)	35.8	5.0	ug/kg	40.4	ND	88.5	30-120			
Heptachlor	35.3	5.0	"	40.0	ND	88.3	30-120			
Aldrin	31.6	5.0	"	40.0	ND	78.9	30-120			
Dieldrin	35.6	5.0	"	40.2	ND	88.4	30-120			
Endrin	35.6	5.0	"	40.2	ND	88.5	30-120			
4,4'-DDT	34.1	5.0	"	40.4	ND	84.5	30-120			
Surrogate: Tetrachloro-meta-xylene	7.36		"	10.0		73.6	35-140			
Surrogate: Decachlorobiphenyl	7.52		"	10.0		75.2	35-140			

Matrix Spike Dup (25I0139-MSD1)		Source: T253707-05			Prepared: 09/08/25		Analyzed: 09/11/25			
gamma-BHC (Lindane)	36.2	5.0	ug/kg	40.4	ND	89.7	30-120	1.29	30	
Heptachlor	36.0	5.0	"	40.0	ND	90.0	30-120	1.88	30	
Aldrin	33.0	5.0	"	40.0	ND	82.5	30-120	4.41	30	
Dieldrin	36.1	5.0	"	40.2	ND	89.9	30-120	1.62	30	
Endrin	35.9	5.0	"	40.2	ND	89.4	30-120	1.01	30	
4,4'-DDT	35.1	5.0	"	40.4	ND	86.8	30-120	2.70	30	
Surrogate: Tetrachloro-meta-xylene	8.02		"	10.0		80.2	35-140			
Surrogate: Decachlorobiphenyl	7.83		"	10.0		78.3	35-140			

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Lake Forest, California 92630  
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Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/12/25 10:19

### Notes and Definitions

R-07 Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s) and/or matrix effect.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

SunStar Laboratories, Inc.

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

Lena Davidkov, Project Manager

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commerce Centre Drive, Lake Forest, CA 92630  
949-297-5020

Client: Partner FSI

Address: 1512 EUREKA Rd, Suite 205, Roseville

Phone: 916-532-0670 Fax: \_\_\_\_\_

Project Manager: Bruce Eppier

Date: 8/28/2025

Page: 1 Of 2

Project Name: Loam's soil sampling

Collector: N. Pangilinan Client Project #: 20-280220

Batch #: T253707 EDF #: \_\_\_\_\_

[illegible]

Sample disposal Instructions: Disposal @ \$2.00 each

Return to client \_\_\_\_\_

Pickup \_\_\_\_\_

2.70C



SunStar  
Laboratories, Inc.

Chain of Custody Record

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE  
25712 Commercentre Drive, Lake Forest, CA 92630  
949-297-5020

Client: Partner, ESI  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Project Manager: \_\_\_\_\_

Date: 8/28/2025 Page: 2 of 2  
Project Name: Loomis Soil Sampling  
Collector: N. Pangilliman Client Project #: 20-280-220  
Batch #: T253707 EDF #: \_\_\_\_\_

Laboratory ID #	Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals	Notes
	P10-C4	8/28/25		Soil	JOP											
	P17-B															
	P16-B															
	P1-B															
	P1-B-DVP															
	P18-D1															
	P18-D2															
	P18-D3															
	P18-D4															
	P18-C1															
	P18-C2															
	P18-C3															
	P18-C4															
	P15-C1															
	P15-D1															
	Relinquished by: (signature)	Date / Time		Received by: (signature)	Date / Time											
	<u>[Signature]</u>	<u>9/4/2025</u>		<u>[Signature]</u>	<u>9/4/2025</u>											
	Relinquished by: (signature)	Date / Time		Received by: (signature)	Date / Time											
	<u>[Signature]</u>	<u>9/4/2025</u>	<u>1630</u>	<u>GLS/Keith P.</u>	<u>1735</u>											
	Relinquished by: (signature)	Date / Time		Received by: (signature)	Date / Time											
	<u>GLS</u>	<u>9-5-25</u>	<u>11:10</u>	<u>[Signature]</u>	<u>9-5-25</u>	<u>11:10</u>										

Sample disposal instructions: Disposal @ \$2.00 each \_\_\_\_\_ Return to client \_\_\_\_\_ Pickup \_\_\_\_\_

2.7°C

## SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T253707

Client Name: Partner Project: Loomis Soil Sampling

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

If Courier, Received by: \_\_\_\_\_ Date/Time Courier Received: \_\_\_\_\_

Lab Received by: Jeff Lee Date/Time Lab Received: 9-5-25 11:10

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

Temperature: Cooler #1 <u>2.6</u>	°C +/- the CF (+ 0.1°C) = <u>2.7</u>	°C corrected temperature
Temperature: Cooler #2	°C +/- the CF (+ 0.1°C) =	°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (+ 0.1°C) =	°C corrected temperature
<b>Temperature criteria = ≤ 6°C (no frozen containers)</b>		Within criteria? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<b>If NO:</b>		
Samples received on ice?	<input type="checkbox"/> Yes	<input type="checkbox"/> No → <b>Complete Non-Conformance Sheet</b>
If on ice, samples received same day collected?	<input type="checkbox"/> Yes → Acceptable	<input type="checkbox"/> No → <b>Complete Non-Conformance Sheet</b>

Custody seals intact on cooler/sample ☒ Yes ☐ No\* ☐ N/A

Sample containers intact ☒ Yes ☐ No\*

Sample labels match Chain of Custody IDs ☒ Yes ☐ No\*

Total number of containers received match COC ☒ Yes ☐ No\*

Proper containers received for analyses requested on COC ☒ Yes ☐ No\*

Proper preservative indicated on COC/containers for analyses requested ☒ Yes ☐ No\* ☐ N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times ☒ Yes ☐ No\*

\* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: JL 9-5-25

**Comments:**

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**WORK ORDER**

**T253707**

**Client:** Partner - Roseville  
**Project:** Loomis Soil Sampling

**Project Manager:** Lena Davidkov  
**Project Number:** 20-280220

**Report To:**

Partner - Roseville  
Bruce Eppler  
1512 Eureka Rd, Suite 205  
Roseville, CA 95661

Date Due: 09/12/25 17:00 (5 day TAT)

Received By: Jeff Lee

Date Received: 09/05/25 11:10

Logged In By: Sarah Doerr

Date Logged In: 09/05/25 12:14

Samples Received at: 2.7°C  
Custody Seals Yes Received On Ice Yes  
Containers Intact Yes  
COC/Labels Agree Yes  
Preservation Confirmed Yes

Analysis	Due	TAT	Expires	Comments
<b>T253707-01 P9-D1 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-02 P9-D2 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-03 P9-D3 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-04 P9-D4 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-05 P9-C1 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	
<b>T253707-06 P9-C2 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	
<b>T253707-07 P9-C3 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	

**WORK ORDER**

**T253707**

<b>Client:</b> Partner - Roseville	<b>Project Manager:</b> Lena Davidkov
<b>Project:</b> Loomis Soil Sampling	<b>Project Number:</b> 20-280220

Analysis	Due	TAT	Expires	Comments
<b>T253707-08 P9-D1-DUP [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-09 P10-D1 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-10 P10-D2 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-11 P10-D3 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-12 P10-D4 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-13 P10-C1 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	
<b>T253707-14 P10-C2 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	
<b>T253707-15 P10-C3 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	
<b>T253707-16 P10-C4 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	
<b>T253707-17 P17-B [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	As only
<b>T253707-18 P16-B [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	As only

**WORK ORDER**

**T253707**

<b>Client:</b> Partner - Roseville	<b>Project Manager:</b> Lena Davidkov
<b>Project:</b> Loomis Soil Sampling	<b>Project Number:</b> 20-280220

Analysis	Due	TAT	Expires	Comments
<b>T253707-19 P1-B [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	As only
<b>T253707-20 P1-B-DUP [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	As only
<b>T253707-21 P18-D1 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-22 P18-D2 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-23 P18-D3 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-24 P18-D4 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As
<b>T253707-25 P18-C1 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	
<b>T253707-26 P18-C2 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	
<b>T253707-27 P18-C3 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	
<b>T253707-28 P18-C4 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	
<b>T253707-29 P15-C1 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/12/25 15:00	5	09/11/25 00:00	

WORK ORDER

T253707

Client:

Partner - Roseville

Project Manager:

Lena Davidkov

Project:

Loomis Soil Sampling

Project Number:

20-280220

Analysis	Due	TAT	Expires	Comments
T253707-30 P15-D1 [Soil] Sampled 08/28/25 00:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	09/12/25 15:00	5	02/24/26 00:00	Pb & As



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

18 September 2025

Bruce Eppler  
Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville, CA 95661  
RE: Loomis Soil Sampling

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

Sincerely,

Lena Davidkov  
Project Manager

Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P9-C4	T253756-01	Soil	09/05/25 00:00	09/09/25 11:11
P12-B	T253756-02	Soil	09/05/25 00:00	09/09/25 11:11
P13-B	T253756-03	Soil	09/05/25 00:00	09/09/25 11:11
P22-D1	T253756-06	Soil	09/05/25 00:00	09/09/25 11:11
P22-D2	T253756-07	Soil	09/05/25 00:00	09/09/25 11:11
P22-D3	T253756-08	Soil	09/05/25 00:00	09/09/25 11:11
P22-D4	T253756-09	Soil	09/05/25 00:00	09/09/25 11:11
P19-C1	T253756-10	Soil	09/05/25 00:00	09/09/25 11:11
P19-C1-DUP	T253756-11	Soil	09/05/25 00:00	09/09/25 11:11
P19-D1	T253756-13	Soil	09/05/25 00:00	09/09/25 11:11
P19-D2	T253756-14	Soil	09/05/25 00:00	09/09/25 11:11
P19-D3	T253756-15	Soil	09/05/25 00:00	09/09/25 11:11
P21-D1	T253756-18	Soil	09/05/25 00:00	09/09/25 11:11
P21-D2	T253756-19	Soil	09/05/25 00:00	09/09/25 11:11
P21-D3	T253756-20	Soil	09/05/25 00:00	09/09/25 11:11
P21-D4	T253756-21	Soil	09/05/25 00:00	09/09/25 11:11
P23-D1	T253756-24	Soil	09/05/25 00:00	09/09/25 11:11
P23-D1-DUP	T253756-25	Soil	09/05/25 00:00	09/09/25 11:11
P23-D2	T253756-26	Soil	09/05/25 00:00	09/09/25 11:11
P23-D3	T253756-27	Soil	09/05/25 00:00	09/09/25 11:11
P23-D4	T253756-28	Soil	09/05/25 00:00	09/09/25 11:11
P14-C1	T253756-29	Soil	09/05/25 00:00	09/09/25 11:11
P14-C2	T253756-30	Soil	09/05/25 00:00	09/09/25 11:11
P14-C3	T253756-31	Soil	09/05/25 00:00	09/09/25 11:11
P14-C4	T253756-32	Soil	09/05/25 00:00	09/09/25 11:11
P14-D1	T253756-33	Soil	09/05/25 00:00	09/09/25 11:11

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Lena Davidkov, Project Manager



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Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P14-D2	T253756-34	Soil	09/05/25 00:00	09/09/25 11:11
P14-D3	T253756-35	Soil	09/05/25 00:00	09/09/25 11:11
P14-D4	T253756-36	Soil	09/05/25 00:00	09/09/25 11:11
P15-C2	T253756-37	Soil	09/05/25 00:00	09/09/25 11:11
P15-C3	T253756-38	Soil	09/05/25 00:00	09/09/25 11:11
P15-C3-DUP	T253756-39	Soil	09/05/25 00:00	09/09/25 11:11
P15-C4	T253756-40	Soil	09/05/25 00:00	09/09/25 11:11
P15-D2	T253756-41	Soil	09/05/25 00:00	09/09/25 11:11
P15-D3	T253756-42	Soil	09/05/25 00:00	09/09/25 11:11
P15-D4	T253756-43	Soil	09/05/25 00:00	09/09/25 11:11
P19-D4	T253756-44	Soil	09/05/25 00:00	09/09/25 11:11
P24-D1	T253756-47	Soil	09/05/25 00:00	09/09/25 11:11
P24-D2	T253756-48	Soil	09/05/25 00:00	09/09/25 11:11
P24-D3	T253756-49	Soil	09/05/25 00:00	09/09/25 11:11
P24-D4	T253756-50	Soil	09/05/25 00:00	09/09/25 11:11
P20-D1	T253756-53	Soil	09/05/25 00:00	09/09/25 11:11
P20-D2	T253756-54	Soil	09/05/25 00:00	09/09/25 11:11
P20-D3	T253756-55	Soil	09/05/25 00:00	09/09/25 11:11
P20-D4	T253756-56	Soil	09/05/25 00:00	09/09/25 11:11

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

### DETECTIONS SUMMARY

Sample ID: P9-C4

Laboratory ID: T253756-01

No Results Detected

Sample ID: P12-B

Laboratory ID: T253756-02

No Results Detected

Sample ID: P13-B

Laboratory ID: T253756-03

No Results Detected

Sample ID: P22-D1

Laboratory ID: T253756-06

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.97	3.00	mg/kg	EPA 6010b	

Sample ID: P22-D2

Laboratory ID: T253756-07

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.16	3.00	mg/kg	EPA 6010b	

Sample ID: P22-D3

Laboratory ID: T253756-08

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.83	3.00	mg/kg	EPA 6010b	

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Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**Sample ID:** P22-D4

**Laboratory ID:** T253756-09

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.88	3.00	mg/kg	EPA 6010b	

**Sample ID:** P19-C1

**Laboratory ID:** T253756-10

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	4.76	3.00	mg/kg	EPA 6010b	

**Sample ID:** P19-C1-DUP

**Laboratory ID:** T253756-11

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	3.94	3.00	mg/kg	EPA 6010b	

**Sample ID:** P19-D1

**Laboratory ID:** T253756-13

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	4.41	3.00	mg/kg	EPA 6010b	

**Sample ID:** P19-D2

**Laboratory ID:** T253756-14

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	4.10	3.00	mg/kg	EPA 6010b	

**Sample ID:** P19-D3

**Laboratory ID:** T253756-15

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.81	3.00	mg/kg	EPA 6010b	

**Sample ID:** P21-D1

**Laboratory ID:** T253756-18

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	10.5	3.00	mg/kg	EPA 6010b	

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Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**Sample ID:** P21-D2

**Laboratory ID:** T253756-19

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.58	3.00	mg/kg	EPA 6010b	

**Sample ID:** P21-D3

**Laboratory ID:** T253756-20

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	4.33	3.00	mg/kg	EPA 6010b	

**Sample ID:** P21-D4

**Laboratory ID:** T253756-21

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.17	3.00	mg/kg	EPA 6010b	

**Sample ID:** P23-D1

**Laboratory ID:** T253756-24

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	4.51	3.00	mg/kg	EPA 6010b	

**Sample ID:** P23-D1-DUP

**Laboratory ID:** T253756-25

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.26	3.00	mg/kg	EPA 6010b	

**Sample ID:** P23-D2

**Laboratory ID:** T253756-26

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	3.84	3.00	mg/kg	EPA 6010b	

**Sample ID:** P23-D3

**Laboratory ID:** T253756-27

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.43	3.00	mg/kg	EPA 6010b	

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1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**Sample ID:** P23-D4

**Laboratory ID:** T253756-28

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.15	3.00	mg/kg	EPA 6010b	

**Sample ID:** P14-C1

**Laboratory ID:** T253756-29

No Results Detected

**Sample ID:** P14-C2

**Laboratory ID:** T253756-30

No Results Detected

**Sample ID:** P14-C3

**Laboratory ID:** T253756-31

No Results Detected

**Sample ID:** P14-C4

**Laboratory ID:** T253756-32

No Results Detected

**Sample ID:** P14-D1

**Laboratory ID:** T253756-33

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	4.96	3.00	mg/kg	EPA 6010b	

**Sample ID:** P14-D2

**Laboratory ID:** T253756-34

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	6.45	3.00	mg/kg	EPA 6010b	

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

Sample ID: P14-D3

Laboratory ID: T253756-35

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.41	3.00	mg/kg	EPA 6010b	

Sample ID: P14-D4

Laboratory ID: T253756-36

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	4.43	3.00	mg/kg	EPA 6010b	

Sample ID: P15-C2

Laboratory ID: T253756-37

No Results Detected

Sample ID: P15-C3

Laboratory ID: T253756-38

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
4,4'-DDE	36	5.0	ug/kg	EPA 8081A	

Sample ID: P15-C3-DUP

Laboratory ID: T253756-39

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
4,4'-DDE	31	5.0	ug/kg	EPA 8081A	

Sample ID: P15-C4

Laboratory ID: T253756-40

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
4,4'-DDE	20	5.0	ug/kg	EPA 8081A	

Sample ID: P15-D2

Laboratory ID: T253756-41

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	4.30	3.00	mg/kg	EPA 6010b	

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Lena Davidkov, Project Manager

Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**Sample ID:** P15-D3

**Laboratory ID:** T253756-42

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	3.56	3.00	mg/kg	EPA 6010b	

**Sample ID:** P15-D4

**Laboratory ID:** T253756-43

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	4.43	3.00	mg/kg	EPA 6010b	

**Sample ID:** P19-D4

**Laboratory ID:** T253756-44

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.01	3.00	mg/kg	EPA 6010b	

**Sample ID:** P24-D1

**Laboratory ID:** T253756-47

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.16	3.00	mg/kg	EPA 6010b	

**Sample ID:** P24-D2

**Laboratory ID:** T253756-48

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.22	3.00	mg/kg	EPA 6010b	

**Sample ID:** P24-D3

**Laboratory ID:** T253756-49

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.14	3.00	mg/kg	EPA 6010b	

**Sample ID:** P24-D4

**Laboratory ID:** T253756-50

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	3.37	3.00	mg/kg	EPA 6010b	

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Lena Davidkov, Project Manager

Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**Sample ID:** P20-D1

**Laboratory ID:** T253756-53

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	4.38	3.00	mg/kg	EPA 6010b	

**Sample ID:** P20-D2

**Laboratory ID:** T253756-54

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.25	3.00	mg/kg	EPA 6010b	

**Sample ID:** P20-D3

**Laboratory ID:** T253756-55

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	4.80	3.00	mg/kg	EPA 6010b	

**Sample ID:** P20-D4

**Laboratory ID:** T253756-56

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.04	3.00	mg/kg	EPA 6010b	

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Lena Davidkov, Project Manager

Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P9-C4**  
**T253756-01 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	50	ug/kg	10	2510219	09/11/25	09/16/25	EPA 8081A	R-07
gamma-BHC (Lindane)	ND	50	"	"	"	"	"	"	R-07
beta-BHC	ND	50	"	"	"	"	"	"	R-07
delta-BHC	ND	50	"	"	"	"	"	"	R-07
Heptachlor	ND	50	"	"	"	"	"	"	R-07
Aldrin	ND	50	"	"	"	"	"	"	R-07
Heptachlor epoxide	ND	50	"	"	"	"	"	"	R-07
gamma-Chlordane	ND	50	"	"	"	"	"	"	R-07
alpha-Chlordane	ND	50	"	"	"	"	"	"	R-07
Endosulfan I	ND	50	"	"	"	"	"	"	R-07
4,4'-DDE	ND	50	"	"	"	"	"	"	R-07
Dieldrin	ND	50	"	"	"	"	"	"	R-07
Endrin	ND	50	"	"	"	"	"	"	R-07
4,4'-DDD	ND	50	"	"	"	"	"	"	R-07
Endosulfan II	ND	50	"	"	"	"	"	"	R-07
4,4'-DDT	ND	50	"	"	"	"	"	"	R-07
Endrin aldehyde	ND	50	"	"	"	"	"	"	R-07
Endosulfan sulfate	ND	50	"	"	"	"	"	"	R-07
Methoxychlor	ND	50	"	"	"	"	"	"	R-07
Endrin ketone	ND	50	"	"	"	"	"	"	R-07
Toxaphene	ND	200	"	"	"	"	"	"	R-07
Surrogate: Tetrachloro-meta-xylene		81.2 %	35-140		"	"	"	"	R-07
Surrogate: Decachlorobiphenyl		93.5 %	35-140		"	"	"	"	R-07

SunStar Laboratories, Inc.



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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**P12-B**  
**T253756-02 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b	
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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**P13-B**  
**T253756-03 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b	
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SunStar Laboratories, Inc.

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Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P22-D1**  
**T253756-06 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b
Lead	5.97	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0219	09/11/25	09/16/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	59.1 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	71.8 %	35-140	"	"	"	"

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Partner - Roseville  
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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P22-D2**  
**T253756-07 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b
Lead	5.16	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0219	09/11/25	09/16/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	61.9 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	80.7 %	35-140	"	"	"	"

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P22-D3**  
**T253756-08 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b
Lead	5.83	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0219	09/11/25	09/16/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		73.7 %	35-140		"	"	"	"
Surrogate: Decachlorobiphenyl		90.4 %	35-140		"	"	"	"

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P22-D4**  
**T253756-09 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b
<b>Lead</b>	<b>5.88</b>	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0219	09/11/25	09/16/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	70.3 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	88.1 %	35-140	"	"	"	"

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P19-C1**  
**T253756-10 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510263	09/11/25	09/11/25	EPA 6010b
<b>Lead</b>	<b>4.76</b>	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	52.1 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	59.6 %	35-140	"	"	"	"

SunStar Laboratories, Inc.

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Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P19-C1-DUP**  
**T253756-11 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510263	09/11/25	09/11/25	EPA 6010b
Lead	3.94	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	67.8 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	68.3 %	35-140	"	"	"	"

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager

Partner - Roseville  
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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**P19-D1**  
**T253756-13 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510213	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>4.41</b>	3.00	"	"	"	"	"	"	

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510219	09/11/25	09/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Tetrachloro-meta-xylene	68.4 %	35-140	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl	85.3 %	35-140	"	"	"	"	"	"	

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P19-D2**  
**T253756-14 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510213	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>4.10</b>	3.00	"	"	"	"	"	"	

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510219	09/11/25	09/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		69.7 %	35-140		"	"	"	"	
Surrogate: Decachlorobiphenyl		88.9 %	35-140		"	"	"	"	

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P19-D3**  
**T253756-15 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510213	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>5.81</b>	3.00	"	"	"	"	"	"	

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510219	09/11/25	09/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		63.5 %	35-140		"	"	"	"	
Surrogate: Decachlorobiphenyl		80.7 %	35-140		"	"	"	"	

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P21-D1**  
**T253756-18 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b
Lead	10.5	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0219	09/11/25	09/16/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		67.5 %	35-140		"	"	"	"
Surrogate: Decachlorobiphenyl		73.4 %	35-140		"	"	"	"

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Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P21-D2**  
**T253756-19 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510213	09/10/25	09/11/25	EPA 6010b
<b>Lead</b>	<b>5.58</b>	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510219	09/11/25	09/16/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	67.4 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	73.7 %	35-140	"	"	"	"

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Lena Davidkov, Project Manager

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**P21-D3**  
**T253756-20 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510213	09/10/25	09/11/25	EPA 6010b
<b>Lead</b>	<b>4.33</b>	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510219	09/11/25	09/16/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	64.9 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	73.1 %	35-140	"	"	"	"

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P21-D4**  
**T253756-21 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b
Lead	5.17	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0219	09/11/25	09/16/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene	74.5 %	35-140	"	"	"	"	"	"
Surrogate: Decachlorobiphenyl	73.9 %	35-140	"	"	"	"	"	"

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Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P23-D1**  
**T253756-24 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510213	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>4.51</b>	3.00	"	"	"	"	"	"	

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510219	09/11/25	09/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		71.2 %	35-140		"	"	"	"	
Surrogate: Decachlorobiphenyl		70.5 %	35-140		"	"	"	"	

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Project Number: 20-280220  
Project Manager: Bruce Eppler

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09/18/25 15:14

**P23-D1-DUP**  
**T253756-25 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b
Lead	5.26	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0219	09/11/25	09/16/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	76.6 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	84.6 %	35-140	"	"	"	"

SunStar Laboratories, Inc.

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P23-D2**  
**T253756-26 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510213	09/10/25	09/11/25	EPA 6010b
<b>Lead</b>	<b>3.84</b>	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510219	09/11/25	09/16/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	82.3 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	100 %	35-140	"	"	"	"

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P23-D3**  
**T253756-27 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b
<b>Lead</b>	<b>5.43</b>	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0219	09/11/25	09/16/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	98.7 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	81.4 %	35-140	"	"	"	"

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Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P23-D4**  
**T253756-28 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510213	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>5.15</b>	<b>3.00</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510219	09/11/25	09/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Tetrachloro-meta-xylene	71.3 %	35-140	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl	72.9 %	35-140	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P14-C1**  
**T253756-29 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0219	09/11/25	09/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		75.6 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		84.4 %		35-140	"	"	"	"	

SunStar Laboratories, Inc.

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P14-C2**  
**T253756-30 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0219	09/11/25	09/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		80.0 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		65.4 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P14-C3**  
**T253756-31 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0219	09/11/25	09/16/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		78.1 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		80.9 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P14-C4**  
**T253756-32 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510221	09/11/25	09/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		122 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		106 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P14-D1**  
**T253756-33 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b	
Lead	4.96	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**P14-D2**  
**T253756-34 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0213	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>6.45</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**P14-D3**  
**T253756-35 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0214	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>5.41</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P14-D4**  
**T253756-36 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0214	09/10/25	09/11/25	EPA 6010b	
Lead	4.43	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P15-C2**  
**T253756-37 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510221	09/11/25	09/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		76.5 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		74.9 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P15-C3**  
**T253756-38 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510221	09/11/25	09/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
<b>4,4'-DDE</b>	<b>36</b>	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		62.7 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		65.5 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P15-C3-DUP**  
**T253756-39 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510221	09/11/25	09/15/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
<b>4,4'-DDE</b>	<b>31</b>	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		65.9 %	35-140		"	"	"	"
Surrogate: Decachlorobiphenyl		79.6 %	35-140		"	"	"	"

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P15-C4**  
**T253756-40 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510221	09/11/25	09/15/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
<b>4,4'-DDE</b>	<b>20</b>	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		77.6 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		85.7 %		35-140	"	"	"	"	

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P15-D2**  
**T253756-41 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0214	09/10/25	09/11/25	EPA 6010b	
Lead	4.30	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P15-D3**  
**T253756-42 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0214	09/10/25	09/11/25	EPA 6010b	
Lead	3.56	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/18/25 15:14

**P15-D4**  
**T253756-43 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0214	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>4.43</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P19-D4**  
**T253756-44 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0214	09/10/25	09/11/25	EPA 6010b
Lead	5.01	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0221	09/11/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	69.3 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	66.8 %	35-140	"	"	"	"

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P24-D1**  
**T253756-47 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0214	09/10/25	09/11/25	EPA 6010b
Lead	5.16	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0221	09/11/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	84.6 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	77.3 %	35-140	"	"	"	"

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Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P24-D2**  
**T253756-48 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510214	09/10/25	09/11/25	EPA 6010b
<b>Lead</b>	<b>5.22</b>	<b>3.00</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510221	09/11/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	76.1 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	72.8 %	35-140	"	"	"	"

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P24-D3**  
**T253756-49 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0214	09/10/25	09/11/25	EPA 6010b
Lead	5.14	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0221	09/11/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		74.0 %	35-140		"	"	"	"
Surrogate: Decachlorobiphenyl		75.6 %	35-140		"	"	"	"

SunStar Laboratories, Inc.

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P24-D4**  
**T253756-50 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0214	09/10/25	09/11/25	EPA 6010b
Lead	3.37	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0221	09/11/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	82.6 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	81.4 %	35-140	"	"	"	"

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P20-D1**  
**T253756-53 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0214	09/10/25	09/11/25	EPA 6010b
<b>Lead</b>	<b>4.38</b>	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0221	09/11/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		80.4 %	35-140		"	"	"	"
Surrogate: Decachlorobiphenyl		73.8 %	35-140		"	"	"	"

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P20-D2**  
**T253756-54 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510214	09/10/25	09/11/25	EPA 6010b
Lead	5.25	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510221	09/11/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	79.6 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	77.3 %	35-140	"	"	"	"

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P20-D3**  
**T253756-55 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0214	09/10/25	09/11/25	EPA 6010b
<b>Lead</b>	<b>4.80</b>	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	25I0221	09/11/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	85.2 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	68.6 %	35-140	"	"	"	"

SunStar Laboratories, Inc.

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

**P20-D4**  
**T253756-56 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510214	09/10/25	09/11/25	EPA 6010b
Lead	5.04	3.00	"	"	"	"	"	"

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510221	09/11/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"

Surrogate: Tetrachloro-meta-xylene	80.5 %	35-140	"	"	"	"
Surrogate: Decachlorobiphenyl	72.0 %	35-140	"	"	"	"

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

### Metals by EPA 6010B - Quality Control

#### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 25I0213 - EPA 3050B

##### Blank (25I0213-BLK1)

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	ND	2.00	mg/kg							
Lead	ND	3.00	"							

##### LCS (25I0213-BS1)

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	89.7	2.00	mg/kg	100		89.7	80-120			
Lead	86.9	3.00	"	100		86.9	80-120			

##### Matrix Spike (25I0213-MS1)

Source: T253756-02

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	72.4	2.00	mg/kg	100	ND	72.4	75-125			QM-07
Lead	85.2	3.00	"	100	26.5	58.7	75-125			QM-07

##### Matrix Spike Dup (25I0213-MSD1)

Source: T253756-02

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	70.8	2.00	mg/kg	100	ND	70.8	75-125	2.19	20	QM-07
Lead	85.2	3.00	"	100	26.5	58.7	75-125	0.0200	20	QM-07

#### Batch 25I0214 - EPA 3050B

##### Blank (25I0214-BLK1)

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	ND	2.00	mg/kg							
Lead	ND	3.00	"							

##### LCS (25I0214-BS1)

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	104	2.00	mg/kg	100		104	80-120			
Lead	102	3.00	"	100		102	80-120			

##### Matrix Spike (25I0214-MS1)

Source: T253756-35

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	78.3	2.00	mg/kg	100	ND	78.3	75-125			
Lead	75.2	3.00	"	100	5.41	69.8	75-125			QM-07

SunStar Laboratories, Inc.

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

### Metals by EPA 6010B - Quality Control

### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 25I0214 - EPA 3050B

##### Matrix Spike Dup (25I0214-MSD1)

Source: T253756-35

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	78.7	2.00	mg/kg	100	ND	78.7	75-125	0.607	20	
Lead	76.1	3.00	"	100	5.41	70.7	75-125	1.10	20	QM-07

#### Batch 25I0263 - EPA 3050B

##### Blank (25I0263-BLK1)

Prepared & Analyzed: 09/11/25

Arsenic	ND	2.00	mg/kg							
Cadmium	ND	2.00	"							
Chromium	ND	2.00	"							
Copper	ND	5.00	"							
Lead	ND	3.00	"							
Nickel	ND	2.00	"							
Selenium	ND	5.00	"							
Silver	ND	2.00	"							
Zinc	ND	5.00	"							

##### LCS (25I0263-BS1)

Prepared & Analyzed: 09/11/25

Arsenic	99.2	2.00	mg/kg	100		99.2	80-120			
Cadmium	95.6	2.00	"	100		95.6	80-120			
Chromium	96.4	2.00	"	100		96.4	80-120			
Lead	95.6	3.00	"	100		95.6	80-120			

##### Matrix Spike (25I0263-MS1)

Source: T253784-01

Prepared & Analyzed: 09/11/25

Arsenic	79.8	2.00	mg/kg	100	2.03	77.8	75-125			
Cadmium	72.1	2.00	"	100	0.686	71.4	75-125			QM-07
Chromium	88.2	2.00	"	100	15.1	73.2	75-125			QM-07
Lead	93.7	3.00	"	100	29.2	64.5	75-125			QM-07

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09/18/25 15:14

### Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 25I0263 - EPA 3050B

##### Matrix Spike Dup (25I0263-MSD1)

Source: T253784-01

Prepared & Analyzed: 09/11/25

Arsenic	78.0	2.00	mg/kg	100	2.03	76.0	75-125	2.33	20	
Cadmium	70.2	2.00	"	100	0.686	69.5	75-125	2.69	20	QM-07
Chromium	86.7	2.00	"	100	15.1	71.6	75-125	1.76	20	QM-07
Lead	94.4	3.00	"	100	29.2	65.2	75-125	0.714	20	QM-07

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Reported:  
09/18/25 15:14

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 25I0219 - EPA 3550B Soil

##### Blank (25I0219-BLK1)

Prepared: 09/11/25 Analyzed: 09/16/25

alpha-BHC	ND	5.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	5.0	"							
alpha-Chlordane	ND	5.0	"							
Endosulfan I	ND	5.0	"							
4,4'-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4'-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4'-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	5.0	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	20	"							
Surrogate: Tetrachloro-meta-xylene	7.55		"	10.0		75.5	35-140			
Surrogate: Decachlorobiphenyl	10.4		"	10.0		104	35-140			

##### LCS (25I0219-BS1)

Prepared: 09/11/25 Analyzed: 09/16/25

gamma-BHC (Lindane)	35.2	5.0	ug/kg	40.4		87.2	40-120			
Heptachlor	35.2	5.0	"	40.0		88.0	40-120			
Aldrin	31.0	5.0	"	40.0		77.5	40-120			
Dieldrin	34.8	5.0	"	40.2		86.5	40-120			
Endrin	35.1	5.0	"	40.2		87.2	40-120			
4,4'-DDT	34.9	5.0	"	40.4		86.3	33-147			
Surrogate: Tetrachloro-meta-xylene	7.90		"	10.0		79.0	35-140			
Surrogate: Decachlorobiphenyl	9.31		"	10.0		93.1	35-140			

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Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 25I0219 - EPA 3550B Soil

Matrix Spike (25I0219-MS1)		Source: T253756-09		Prepared: 09/11/25		Analyzed: 09/16/25	
gamma-BHC (Lindane)	36.8	5.0	ug/kg	40.4	ND	91.1	30-120
Heptachlor	36.9	5.0	"	40.0	ND	92.2	30-120
Aldrin	30.5	5.0	"	40.0	ND	76.2	30-120
Dieldrin	36.2	5.0	"	40.2	ND	89.9	30-120
Endrin	36.8	5.0	"	40.2	ND	91.6	30-120
4,4'-DDT	36.5	5.0	"	40.4	ND	90.5	30-120
Surrogate: Tetrachloro-meta-xylene	6.05		"	10.0		60.5	35-140
Surrogate: Decachlorobiphenyl	7.37		"	10.0		73.7	35-140

Matrix Spike Dup (25I0219-MSD1)	Source: T253756-09			Prepared: 09/11/25		Analyzed: 09/16/25			
gamma-BHC (Lindane)	32.9	5.0	ug/kg	40.4	ND	81.4	30-120	11.2	30
Heptachlor	33.3	5.0	"	40.0	ND	83.3	30-120	10.1	30
Aldrin	27.1	5.0	"	40.0	ND	67.7	30-120	11.9	30
Dieldrin	32.5	5.0	"	40.2	ND	80.8	30-120	10.7	30
Endrin	32.8	5.0	"	40.2	ND	81.5	30-120	11.6	30
4,4'-DDT	33.3	5.0	"	40.4	ND	82.3	30-120	9.43	30
Surrogate: Tetrachloro-meta-xylene	7.10		"	10.0		71.0	35-140		
Surrogate: Decachlorobiphenyl	7.26		"	10.0		72.6	35-140		

#### Batch 25I0221 - EPA 3550B Soil

Blank (25I0221-BLK1)				Prepared: 09/11/25		Analyzed: 09/15/25	
alpha-BHC	ND	5.0	ug/kg				
gamma-BHC (Lindane)	ND	5.0	"				
beta-BHC	ND	5.0	"				
delta-BHC	ND	5.0	"				
Heptachlor	ND	5.0	"				
Aldrin	ND	5.0	"				
Heptachlor epoxide	ND	5.0	"				
gamma-Chlordane	ND	5.0	"				
alpha-Chlordane	ND	5.0	"				
Endosulfan I	ND	5.0	"				
4,4'-DDE	ND	5.0	"				
Dieldrin	ND	5.0	"				
Endrin	ND	5.0	"				
4,4'-DDD	ND	5.0	"				

SunStar Laboratories, Inc.

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Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 25I0221 - EPA 3550B Soil

##### Blank (25I0221-BLK1)

Prepared: 09/11/25 Analyzed: 09/15/25

Endosulfan II	ND	5.0	ug/kg							
4,4'-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	5.0	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	20	"							
Surrogate: Tetrachloro-meta-xylene	8.34		"	10.0		83.4	35-140			
Surrogate: Decachlorobiphenyl	10.2		"	10.0		102	35-140			

##### LCS (25I0221-BS1)

Prepared: 09/11/25 Analyzed: 09/15/25

gamma-BHC (Lindane)	36.3	5.0	ug/kg	40.4		89.7	40-120			
Heptachlor	36.3	5.0	"	40.0		90.8	40-120			
Aldrin	33.1	5.0	"	40.0		82.8	40-120			
Dieldrin	37.2	5.0	"	40.2		92.6	40-120			
Endrin	36.4	5.0	"	40.2		90.6	40-120			
4,4'-DDT	35.7	5.0	"	40.4		88.5	33-147			
Surrogate: Tetrachloro-meta-xylene	7.94		"	10.0		79.4	35-140			
Surrogate: Decachlorobiphenyl	9.30		"	10.0		93.0	35-140			

##### Matrix Spike (25I0221-MS1)

Source: T253756-32

Prepared: 09/11/25 Analyzed: 09/15/25

gamma-BHC (Lindane)	34.3	5.0	ug/kg	40.4	ND	84.8	30-120			
Heptachlor	33.4	5.0	"	40.0	ND	83.4	30-120			
Aldrin	28.3	5.0	"	40.0	ND	70.8	30-120			
Dieldrin	33.4	5.0	"	40.2	ND	83.0	30-120			
Endrin	33.0	5.0	"	40.2	ND	82.2	30-120			
4,4'-DDT	31.7	5.0	"	40.4	ND	78.5	30-120			
Surrogate: Tetrachloro-meta-xylene	7.04		"	10.0		70.4	35-140			
Surrogate: Decachlorobiphenyl	7.46		"	10.0		74.6	35-140			

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 25I0221 - EPA 3550B Soil

##### Matrix Spike Dup (25I0221-MSD1)

Source: T253756-32

Prepared: 09/11/25 Analyzed: 09/15/25

gamma-BHC (Lindane)	33.5	5.0	ug/kg	40.4	ND	82.9	30-120	2.31	30	
Heptachlor	33.9	5.0	"	40.0	ND	84.8	30-120	1.60	30	
Aldrin	28.9	5.0	"	40.0	ND	72.1	30-120	1.91	30	
Dieldrin	33.7	5.0	"	40.2	ND	83.9	30-120	1.01	30	
Endrin	33.3	5.0	"	40.2	ND	82.8	30-120	0.796	30	
4,4'-DDT	33.0	5.0	"	40.4	ND	81.7	30-120	3.90	30	
Surrogate: Tetrachloro-meta-xylene	7.66		"	10.0		76.6	35-140			
Surrogate: Decachlorobiphenyl	8.38		"	10.0		83.8	35-140			

#### Batch 25I0248 - EPA 3550B Soil

##### Blank (25I0248-BLK1)

Prepared: 09/12/25 Analyzed: 09/17/25

alpha-BHC	ND	5.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	5.0	"							
alpha-Chlordane	ND	5.0	"							
Endosulfan I	ND	5.0	"							
4,4'-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4'-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4'-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	5.0	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	20	"							
Surrogate: Tetrachloro-meta-xylene	7.17		"	10.0		71.7	35-140			
Surrogate: Decachlorobiphenyl	8.58		"	10.0		85.8	35-140			

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Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 25I0248 - EPA 3550B Soil

##### LCS (25I0248-BS1)

Prepared: 09/12/25 Analyzed: 09/17/25

gamma-BHC (Lindane)	30.3	5.0	ug/kg	40.4		75.0	40-120			
Heptachlor	31.2	5.0	"	40.0		77.9	40-120			
Aldrin	24.7	5.0	"	40.0		61.7	40-120			
Dieldrin	31.5	5.0	"	40.2		78.3	40-120			
Endrin	32.1	5.0	"	40.2		79.8	40-120			
4,4'-DDT	33.2	5.0	"	40.4		82.2	33-147			
Surrogate: Tetrachloro-meta-xylene	6.61		"	10.0		66.1	35-140			
Surrogate: Decachlorobiphenyl	7.91		"	10.0		79.1	35-140			

##### Matrix Spike (25I0248-MS1)

Source: T253777-01

Prepared: 09/12/25 Analyzed: 09/17/25

gamma-BHC (Lindane)	26.7	5.0	ug/kg	40.4	ND	66.1	30-120			
Heptachlor	27.0	5.0	"	40.0	ND	67.4	30-120			
Aldrin	23.4	5.0	"	40.0	ND	58.6	30-120			
Dieldrin	27.2	5.0	"	40.2	ND	67.7	30-120			
Endrin	27.9	5.0	"	40.2	ND	69.5	30-120			
4,4'-DDT	29.3	5.0	"	40.4	ND	72.6	30-120			
Surrogate: Tetrachloro-meta-xylene	5.45		"	10.0		54.5	35-140			
Surrogate: Decachlorobiphenyl	8.33		"	10.0		83.3	35-140			

##### Matrix Spike Dup (25I0248-MSD1)

Source: T253777-01

Prepared: 09/12/25 Analyzed: 09/17/25

gamma-BHC (Lindane)	26.7	5.0	ug/kg	40.4	ND	66.0	30-120	0.148	30	
Heptachlor	27.4	5.0	"	40.0	ND	68.6	30-120	1.72	30	
Aldrin	22.7	5.0	"	40.0	ND	56.6	30-120	3.39	30	
Dieldrin	27.5	5.0	"	40.2	ND	68.5	30-120	1.14	30	
Endrin	27.9	5.0	"	40.2	ND	69.4	30-120	0.176	30	
4,4'-DDT	28.9	5.0	"	40.4	ND	71.6	30-120	1.39	30	
Surrogate: Tetrachloro-meta-xylene	5.59		"	10.0		55.9	35-140			
Surrogate: Decachlorobiphenyl	7.08		"	10.0		70.8	35-140			

SunStar Laboratories, Inc.

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

Lena Davidkov, Project Manager



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

Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/18/25 15:14

### Notes and Definitions

R-07 Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s) and/or matrix effect.

QM-07 The spike recovery and/or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

SunStar Laboratories, Inc.

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

Lena Davidkov, Project Manager

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE  
25712 Commercentre Drive, Lake Forest, CA 92630  
949-297-5020

Date: 9/5/2025

Page: 1 Of 4

949-291-5020  
Client: Partner ESI  
10000 S. Vard Rd, Suite 205, Roseville CA

Address: 1512 E. 1st St. Fax: 532-0670

Phone: 910-532-2410 EBbler

Project Manager: Bruce Ell

Project Name: 20-260220  
Collector: N. pangilinan Client Project #: 20-260220  
Batch #: T253756 EDF #:

EDT#:

Project Name: LOOMIS 2011 Sampling  
Collector: N. Pangilinan Client Project #: \_\_\_\_\_

Client Project #: 10-280220

Sample disposal instructions: Disposal @ \$2.00 each

Disposal @ \$2.00 each \_\_\_\_\_

Return to client

Pickup

Turn around time: 5TD

## Notes

Comments/Preservative

Total # of containers



# SunStar Laboratories, Inc.

## Chain of Custody Record

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE  
25712 Commerce Drive, Lake Forest, CA 92630  
949-297-5020

Client: Partner ESI  
Address: 1512 Eureka Rd, Ste 205, Roseville, CA  
Phone: (916) 532-0670 Fax: \_\_\_\_\_  
Project Manager: Bruce Eppeler

Date: 9/5/2025 Page: 2 of 4  
Project Name: Loomis Soil Sampling  
Collector: N. Pangillinan Client Project #: 20-280220  
Batch #: T253756 EDF #: \_\_\_\_\_

Laboratory ID #	Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals	OCPs - EPA 8081	As & Pb - EPA 6061B	As Only	Comments/Preservative	Total # of containers
16	P21-C1	9/5/2025		SOIL	JAR															
17	P21-C2																			
18	P21-D1																			
19	P21-D2																			
20	P21-D3																			
21	P21-D4																			
22	P23-C1																			
23	P23-C2																			
24	P23-D1																			
25	P23-D1-DUP																			
26	P23-D2																			
27	P23-D3																			
28	P23-D4																			
29	P14-C1																			
30	P14-C2																			
Relinquished by: (signature)		Date / Time		Received by: (signature)		Date / Time		Total # of containers		Chain of Custody seals		Seals intact?		Received good condition/cold		Notes				
<u>[Signature]</u>		<u>9/8/2025</u>		<u>[Signature]</u>		<u>9/8/25, 1335</u>		<u>15</u>		<u>ON/NA</u>		<u>Y</u>		<u>Y</u>		<u>4:30</u>				
Relinquished by: (signature)		Date / Time		Received by: (signature)		Date / Time		Turn around time:		STO										
<u>[Signature]</u>		<u>09/08/2025, 1630</u>		<u>GUS Keith P</u>		<u>9/9/25 11:11</u>		<u>5</u>		<u>TD</u>										

Sample disposal instructions: Disposal @ \$2.00 each

Return to client

Pickup



# SunStar Laboratories, Inc.

## Chain of Custody Record

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE  
25712 Commerce Centre Drive, Lake Forest, CA 92630  
949-297-5020

Client: Partner, ESI  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Project Manager: \_\_\_\_\_

Date: 9/05/2025 Page: 3 of 4  
Project Name: Loomis Soil Sampling  
Collector: N. Pangilinan Client Project #: 20-280220  
Batch #: T253756 EDF #: \_\_\_\_\_

Laboratory ID #	Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals	OCPs - EPA 8081	As & Pb - EPA 0006	As Only	Comments/Preservative	Total # of containers	
31	P14-C3	9/5/2025		SOIL	JAR																
32	P14-C4																				
33	P14-D1																				
34	P14-D2																				
35	P14-D3																				
36	P14-D4																				
37	P15-C2																				
38	P15-C3																				
39	P15-C3-DUP																				
40	P15-C4																				
41	P15-D2																				
42	P15-D3																				
43	P15-D4																				
Relinquished by: (signature) <u>[Signature]</u>		Date / Time <u>9/8/2025</u>		Received by: (signature) <u>[Signature]</u>		Date / Time <u>9/8/25, 1335</u>		Total # of containers <u>13</u>												Notes	
Relinquished by: (signature) <u>[Signature]</u>		Date / Time <u>9/10</u>		Received by: (signature) <u>[Signature]</u>		Date / Time <u>9/9/25 11:11</u>		Chain of Custody seals <u>OK/NA</u>													
Relinquished by: (signature) <u>[Signature]</u>		Date / Time <u>9/10</u>		Received by: (signature) <u>[Signature]</u>		Date / Time <u>9/9/25 11:11</u>		Seals intact? <u>OK/NA</u>													
Relinquished by: (signature) <u>[Signature]</u>		Date / Time <u>9/10</u>		Received by: (signature) <u>[Signature]</u>		Date / Time <u>9/9/25 11:11</u>		Received good condition/cold <u>4.3°</u>												Turn around time: <u>510</u>	



SunStar  
Laboratories, Inc.

Chain of Custody Record

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE  
25712 Commercentre Drive, Lake Forest, CA 92630  
949-297-5020

Client: Partners, ESI  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Project Manager: \_\_\_\_\_

Date: 9/05/2025 Page: 4 of 4  
Project Name: Leomis Soil Sampling  
Collector: N. Pangillman Client Project #: 20-280220  
Batch #: T 253756 EDF #: \_\_\_\_\_

Laboratory ID #	Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals	OCPs - EPA 8081	As & Pb - EPA 0001	Comments/Preservative	Total # of containers
44	P19-D4	9/5/2025		SOIL	JAR														
45	P24-C1																		
46	P24-C2																		
47	P24-D1																		
48	P24-D2																		
49	P24-D3																		
50	P24-D4																		
51	P20-C1																		
52	P20-C2																		
53	P20-D1																		
54	P20-D2																		
55	P20-D3																		
56	P20-D4																		
Relinquished by: (signature)		Date / Time		Received by: (signature)		Date / Time		Total # of containers										Notes	
<u>[Signature]</u>		9/8/2025		<u>[Signature]</u>		9/8/25 - 1335		13											
Relinquished by: (signature)		Date / Time		Received by: (signature)		Date / Time		Chain of Custody seals											
<u>[Signature]</u>		9/08/2025 1630		<u>[Signature]</u>				Seals intact? <u>Y</u>											
Relinquished by: (signature)		Date / Time		Received by: (signature)		Date / Time		Received good condition/cold											
<u>[Signature]</u>		9/5		<u>[Signature]</u>		11:11		Turn around time: <u>510</u>											

## SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T253756

Client Name: Partner Project: Loomis Soil Sampling

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

If Courier, Received by: \_\_\_\_\_ Date/Time Courier Received: \_\_\_\_\_

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

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

Temperature: Cooler #1	4.2°C +/- the CF (+ 0.1°C) =	4.3 °C	corrected temperature
Temperature: Cooler #2	°C +/- the CF (+ 0.1°C) =		°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (+ 0.1°C) =		°C corrected temperature
<b>Temperature criteria = ≤ 6°C (no frozen containers)</b>		Within criteria? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<b>If NO:</b>			
Samples received on ice?	<input type="checkbox"/> Yes	<input type="checkbox"/> No → Complete Non-Conformance Sheet	
If on ice, samples received same day collected?	<input type="checkbox"/> Yes → Acceptable	<input type="checkbox"/> No → Complete Non-Conformance Sheet	

Custody seals intact on cooler/sample ☒ Yes ☐ No\* ☐ N/A

Sample containers intact ☒ Yes ☐ No\*

Sample labels match Chain of Custody IDs ☒ Yes ☐ No\*

Total number of containers received match COC ☒ Yes ☐ No\*

Proper containers received for analyses requested on COC ☒ Yes ☐ No\*

Proper preservative indicated on COC/containers for analyses requested ☐ Yes ☐ No\* ☒ N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times ☒ Yes ☐ No\*

\* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: PB 9/9/25

**Comments:**



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

**Ship From**

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

Tracking #: 563424845

PDS

**Ship To**

SUNSTAR LABORATORIES-SOUTH  
SAMPLE RECEIVING  
25712 COMMERCE CENTRE DR.  
LAKE FOREST, CA 92630

LAKE FOREST

S16025E

COD: \$0.00

Weight: 0 lb(s)

Reference:

**Delivery Instructions:**

DELIVER TO BACK DOOR

Signature Type: NOT REQUIRED



39576334

NWK CA906-GD0

Print Date: 8/27/2025 4:13 PM

Package 11 of 25

**LABEL INSTRUCTIONS:**

**Do not copy or reprint this label for additional shipments - each package must have a unique barcode.**

Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.

Step 2: Fold this page in half.

Step 3: Securely attach this label to your package and do not cover the barcode.

**TERMS AND CONDITIONS:**

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

**WORK ORDER**

**T253756**

**Client:** Partner - Roseville  
**Project:** Loomis Soil Sampling

**Project Manager:** Lena Davidkov  
**Project Number:** 20-280220

**Report To:**

Partner - Roseville  
Bruce Eppler  
1512 Eureka Rd, Suite 205  
Roseville, CA 95661

Date Due: 09/16/25 17:00 (5 day TAT)

Received By: Paul Berner

Date Received: 09/09/25 11:11

Logged In By: Lisa Rockhold

Date Logged In: 09/09/25 15:32

Samples Received at: 4.3°C  
Custody Seals No Received On Ice Yes  
Containers Intact Yes  
COC/Labels Agree Yes  
Preservation Confirmed No

Analysis	Due	TAT	Expires	Comments
<b>T253756-01 P9-C4 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-02 P12-B [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As only
<b>T253756-03 P13-B [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As only
<b>T253756-04 P22-C1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				<b>HOLD</b>
[NO ANALYSES]				
<b>T253756-05 P22-C2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				<b>HOLD</b>
[NO ANALYSES]				
<b>T253756-06 P22-D1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	

**WORK ORDER**

**T253756**

<b>Client:</b> Partner - Roseville	<b>Project Manager:</b> Lena Davidkov
<b>Project:</b> Loomis Soil Sampling	<b>Project Number:</b> 20-280220

Analysis	Due	TAT	Expires	Comments
<b>T253756-07 P22-D2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-08 P22-D3 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-09 P22-D4 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-10 P19-C1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-11 P19-C1-DUP [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-12 P19-C2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				<b>HOLD</b>
[NO ANALYSES]				
<b>T253756-13 P19-D1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-14 P19-D2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	

**WORK ORDER**

**T253756**

<b>Client:</b> Partner - Roseville	<b>Project Manager:</b> Lena Davidkov
<b>Project:</b> Loomis Soil Sampling	<b>Project Number:</b> 20-280220

Analysis	Due	TAT	Expires	Comments
<b>T253756-15 P19-D3 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time</b>				
<b>(US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-16 P21-C1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time</b>				
<b>(US &amp;</b>				
[NO ANALYSES]				
<b>T253756-17 P21-C2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time</b>				
<b>(US &amp;</b>				
[NO ANALYSES]				
<b>T253756-18 P21-D1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time</b>				
<b>(US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-19 P21-D2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time</b>				
<b>(US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-20 P21-D3 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time</b>				
<b>(US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-21 P21-D4 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time</b>				
<b>(US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-22 P23-C1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time</b>				
<b>(US &amp;</b>				
[NO ANALYSES]				
<b>T253756-23 P23-C2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time</b>				
<b>(US &amp;</b>				
[NO ANALYSES]				

**WORK ORDER**

**T253756**

<b>Client:</b> Partner - Roseville	<b>Project Manager:</b> Lena Davidkov
<b>Project:</b> Loomis Soil Sampling	<b>Project Number:</b> 20-280220

Analysis	Due	TAT	Expires	Comments
<b>T253756-24 P23-D1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-25 P23-D1-DUP [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-26 P23-D2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-27 P23-D3 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-28 P23-D4 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-29 P14-C1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-30 P14-C2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-31 P14-C3 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-32 P14-C4 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	

**WORK ORDER**

**T253756**

<b>Client:</b> Partner - Roseville	<b>Project Manager:</b> Lena Davidkov
<b>Project:</b> Loomis Soil Sampling	<b>Project Number:</b> 20-280220

Analysis	Due	TAT	Expires	Comments
<b>T253756-33 P14-D1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
<b>T253756-34 P14-D2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
<b>T253756-35 P14-D3 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
<b>T253756-36 P14-D4 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
<b>T253756-37 P15-C2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-38 P15-C3 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-39 P15-C3-DUP [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-40 P15-C4 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-41 P15-D2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
<b>T253756-42 P15-D3 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
<b>T253756-43 P15-D4 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only

**WORK ORDER**

**T253756**

<b>Client:</b> Partner - Roseville	<b>Project Manager:</b> Lena Davidkov
<b>Project:</b> Loomis Soil Sampling	<b>Project Number:</b> 20-280220

Analysis	Due	TAT	Expires	Comments
<b>T253756-44 P19-D4 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-45 P24-C1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
[NO ANALYSES]				
<b>T253756-46 P24-C2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
[NO ANALYSES]				
<b>T253756-47 P24-D1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-48 P24-D2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-49 P24-D3 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-50 P24-D4 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-51 P20-C1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
[NO ANALYSES]				
<b>T253756-52 P20-C2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
[NO ANALYSES]				

**WORK ORDER**

**T253756**

**Client:** Partner - Roseville  
**Project:** Loomis Soil Sampling

**Project Manager:** Lena Davidkov  
**Project Number:** 20-280220

Analysis	Due	TAT	Expires	Comments
<b>T253756-53 P20-D1 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-54 P20-D2 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-55 P20-D3 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	
<b>T253756-56 P20-D4 [Soil] Sampled 09/05/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/16/25 15:00	5	03/04/26 00:00	As, Pb only
8081 Pesticides	09/16/25 15:00	5	09/19/25 00:00	



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17 September 2025

Bruce Eppler  
Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville, CA 95661  
RE: Loomis Soil Sampling

Enclosed are the results of analyses for samples received by the laboratory on 09/10/25 10:31. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lena Davidkov  
Project Manager



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Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P4-C1	T253777-01	Soil	09/09/25 00:00	09/10/25 10:31
P4-C1-DUP	T253777-02	Soil	09/09/25 00:00	09/10/25 10:31
P4-C2	T253777-03	Soil	09/09/25 00:00	09/10/25 10:31
P4-C3	T253777-04	Soil	09/09/25 00:00	09/10/25 10:31
P4-C4	T253777-05	Soil	09/09/25 00:00	09/10/25 10:31
P4-D1	T253777-06	Soil	09/09/25 00:00	09/10/25 10:31
P4-D2	T253777-07	Soil	09/09/25 00:00	09/10/25 10:31
P4-D3	T253777-08	Soil	09/09/25 00:00	09/10/25 10:31
P4-D4	T253777-09	Soil	09/09/25 00:00	09/10/25 10:31
P4-D4-DUP	T253777-10	Soil	09/09/25 00:00	09/10/25 10:31
P7-C1	T253777-11	Soil	09/09/25 00:00	09/10/25 10:31
P7-C1-DUP	T253777-12	Soil	09/09/25 00:00	09/10/25 10:31
P7-C2	T253777-13	Soil	09/09/25 00:00	09/10/25 10:31
P7-C3	T253777-14	Soil	09/09/25 00:00	09/10/25 10:31
P7-C4	T253777-15	Soil	09/09/25 00:00	09/10/25 10:31
P7-D1	T253777-16	Soil	09/09/25 00:00	09/10/25 10:31
P7-D2	T253777-17	Soil	09/09/25 00:00	09/10/25 10:31
P7-D3	T253777-18	Soil	09/09/25 00:00	09/10/25 10:31
P7-D4	T253777-19	Soil	09/09/25 00:00	09/10/25 10:31
P8-C1	T253777-20	Soil	09/09/25 00:00	09/10/25 10:31
P8-C2	T253777-21	Soil	09/09/25 00:00	09/10/25 10:31
P8-C3	T253777-22	Soil	09/09/25 00:00	09/10/25 10:31
P8-C4	T253777-23	Soil	09/09/25 00:00	09/10/25 10:31
P8-D1	T253777-24	Soil	09/09/25 00:00	09/10/25 10:31
P8-D2	T253777-25	Soil	09/09/25 00:00	09/10/25 10:31
P8-D3	T253777-26	Soil	09/09/25 00:00	09/10/25 10:31

SunStar Laboratories, Inc.

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

Lena Davidkov, Project Manager



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Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P8-D4	T253777-27	Soil	09/09/25 00:00	09/10/25 10:31
P3-B	T253777-28	Soil	09/09/25 00:00	09/10/25 10:31
P5-B	T253777-29	Soil	09/09/25 00:00	09/10/25 10:31
P6-B	T253777-30	Soil	09/09/25 00:00	09/10/25 10:31
P8-D3-DUP	T253777-31	Soil	09/09/25 00:00	09/10/25 10:31

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Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

#### DETECTIONS SUMMARY

Sample ID: P4-C1 Laboratory ID: T253777-01

No Results Detected

Sample ID: P4-C1-DUP Laboratory ID: T253777-02

No Results Detected

Sample ID: P4-C2 Laboratory ID: T253777-03

No Results Detected

Sample ID: P4-C3 Laboratory ID: T253777-04

No Results Detected

Sample ID: P4-C4 Laboratory ID: T253777-05

No Results Detected

Sample ID: P4-D1 Laboratory ID: T253777-06

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Lead	14.8	3.00	mg/kg	EPA 6010b	

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager

Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**Sample ID:** P4-D2

**Laboratory ID:** T253777-07

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Lead	10.2	3.00	mg/kg	EPA 6010b	

**Sample ID:** P4-D3

**Laboratory ID:** T253777-08

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Arsenic	3.14	2.00	mg/kg	EPA 6010b	
Lead	10.0	3.00	mg/kg	EPA 6010b	

**Sample ID:** P4-D4

**Laboratory ID:** T253777-09

No Results Detected

**Sample ID:** P4-D4-DUP

**Laboratory ID:** T253777-10

No Results Detected

**Sample ID:** P7-C1

**Laboratory ID:** T253777-11

No Results Detected

**Sample ID:** P7-C1-DUP

**Laboratory ID:** T253777-12

No Results Detected

**Sample ID:** P7-C2

**Laboratory ID:** T253777-13

SunStar Laboratories, Inc.



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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

Sample ID: P7-C2

Laboratory ID: T253777-13

No Results Detected

Sample ID: P7-C3

Laboratory ID: T253777-14

No Results Detected

Sample ID: P7-C4

Laboratory ID: T253777-15

No Results Detected

Sample ID: P7-D1

Laboratory ID: T253777-16

No Results Detected

Sample ID: P7-D2

Laboratory ID: T253777-17

No Results Detected

Sample ID: P7-D3

Laboratory ID: T253777-18

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Lead	7.00	3.00	mg/kg	EPA 6010b	

Sample ID: P7-D4

Laboratory ID: T253777-19

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Lead	8.26	3.00	mg/kg	EPA 6010b	

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

Sample ID: P8-C1

Laboratory ID: T253777-20

No Results Detected

Sample ID: P8-C2

Laboratory ID: T253777-21

No Results Detected

Sample ID: P8-C3

Laboratory ID: T253777-22

No Results Detected

Sample ID: P8-C4

Laboratory ID: T253777-23

No Results Detected

Sample ID: P8-D1

Laboratory ID: T253777-24

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Lead	6.33	3.00	mg/kg	EPA 6010b	

Sample ID: P8-D2

Laboratory ID: T253777-25

No Results Detected

Sample ID: P8-D3

Laboratory ID: T253777-26

No Results Detected

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

Sample ID: P8-D4

Laboratory ID: T253777-27

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	5.80	3.00	mg/kg	EPA 6010b	

Sample ID: P3-B

Laboratory ID: T253777-28

No Results Detected

Sample ID: P5-B

Laboratory ID: T253777-29

No Results Detected

Sample ID: P6-B

Laboratory ID: T253777-30

No Results Detected

Sample ID: P8-D3-DUP

Laboratory ID: T253777-31

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Lead	3.17	3.00	mg/kg	EPA 6010b	

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P4-C1**  
**T253777-01 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		66.3 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		73.8 %		35-140	"	"	"	"	

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P4-C1-DUP**  
**T253777-02 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		59.2 %	35-140		"	"	"	"
Surrogate: Decachlorobiphenyl		63.3 %	35-140		"	"	"	"

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P4-C2**  
**T253777-03 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		34.4 %		35-140	"	"	"	"	S-GC
Surrogate: Decachlorobiphenyl		73.8 %		35-140	"	"	"	"	

SunStar Laboratories, Inc.

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P4-C3**  
**T253777-04 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		69.6 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		66.1 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P4-C4**  
**T253777-05 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		58.7 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		59.1 %		35-140	"	"	"	"	

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Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
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**P4-D1**  
**T253777-06 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>14.8</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P4-D2**  
**T253777-07 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>10.2</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P4-D3**  
**T253777-08 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	3.14	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
Lead	10.0	3.00	"	"	"	"	"	"	

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Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P4-D4**  
**T253777-09 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
Lead	ND	3.00	"	"	"	"	"	"	

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Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
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**P4-D4-DUP**  
**T253777-10 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
Lead	ND	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P7-C1**  
**T253777-11 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		62.5 %	35-140		"	"	"	"
Surrogate: Decachlorobiphenyl		73.5 %	35-140		"	"	"	"

SunStar Laboratories, Inc.

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P7-C1-DUP**  
**T253777-12 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		63.6 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		65.4 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P7-C2**  
**T253777-13 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		73.1 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		76.4 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P7-C3**  
**T253777-14 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		67.0 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		65.1 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P7-C4**  
**T253777-15 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		69.3 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		57.8 %		35-140	"	"	"	"	

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Partner - Roseville  
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Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P7-D1**  
**T253777-16 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
Lead	ND	3.00	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P7-D2**  
**T253777-17 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0226	09/10/25	09/11/25	EPA 6010b	
Lead	ND	3.00	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P7-D3**  
**T253777-18 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>7.00</b>	3.00	"	"	"	"	"	"	

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P7-D4**  
**T253777-19 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>8.26</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P8-C1**  
**T253777-20 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		83.4 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		77.6 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P8-C2**  
**T253777-21 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"
beta-BHC	ND	5.0	"	"	"	"	"	"
delta-BHC	ND	5.0	"	"	"	"	"	"
Heptachlor	ND	5.0	"	"	"	"	"	"
Aldrin	ND	5.0	"	"	"	"	"	"
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"
gamma-Chlordane	ND	5.0	"	"	"	"	"	"
alpha-Chlordane	ND	5.0	"	"	"	"	"	"
Endosulfan I	ND	5.0	"	"	"	"	"	"
4,4'-DDE	ND	5.0	"	"	"	"	"	"
Dieldrin	ND	5.0	"	"	"	"	"	"
Endrin	ND	5.0	"	"	"	"	"	"
4,4'-DDD	ND	5.0	"	"	"	"	"	"
Endosulfan II	ND	5.0	"	"	"	"	"	"
4,4'-DDT	ND	5.0	"	"	"	"	"	"
Endrin aldehyde	ND	5.0	"	"	"	"	"	"
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"
Methoxychlor	ND	5.0	"	"	"	"	"	"
Endrin ketone	ND	5.0	"	"	"	"	"	"
Toxaphene	ND	20	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene		64.6 %	35-140		"	"	"	"
Surrogate: Decachlorobiphenyl		67.2 %	35-140		"	"	"	"

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P8-C3**  
**T253777-22 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		42.9 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		39.8 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

**P8-C4**  
**T253777-23 (Soil)**

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

**Organochlorine Pesticides by EPA Method 8081A**

alpha-BHC	ND	5.0	ug/kg	1	2510248	09/12/25	09/17/25	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		65.8 %		35-140	"	"	"	"	
Surrogate: Decachlorobiphenyl		65.0 %		35-140	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P8-D1**  
**T253777-24 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>6.33</b>	3.00	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P8-D2**  
**T253777-25 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	25I0226	09/10/25	09/11/25	EPA 6010b	
Lead	ND	3.00	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P8-D3**  
**T253777-26 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
Lead	ND	3.00	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P8-D4**  
**T253777-27 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>5.80</b>	3.00	"	"	"	"	"	"	

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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P3-B**  
**T253777-28 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
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Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P5-B**  
**T253777-29 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
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Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P6-B**  
**T253777-30 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
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Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

**P8-D3-DUP**  
**T253777-31 (Soil)**

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

**Metals by EPA 6010B**

Arsenic	ND	2.00	mg/kg	1	2510226	09/10/25	09/11/25	EPA 6010b	
<b>Lead</b>	<b>3.17</b>	3.00	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

### Metals by EPA 6010B - Quality Control

#### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 25I0226 - EPA 3050B

##### Blank (25I0226-BLK1)

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	ND	2.00	mg/kg							
Lead	ND	3.00	"							

##### LCS (25I0226-BS1)

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	106	2.00	mg/kg	100		106	80-120			
Lead	102	3.00	"	100		102	80-120			

##### Matrix Spike (25I0226-MS1)

Source: T253775-01

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	51.2	2.00	mg/kg	100	ND	51.2	75-125			QM-07
Lead	50.1	3.00	"	100	13.2	36.9	75-125			QM-07

##### Matrix Spike Dup (25I0226-MSD1)

Source: T253775-01

Prepared: 09/10/25 Analyzed: 09/11/25

Arsenic	56.7	2.00	mg/kg	100	ND	56.7	75-125	10.0	20	QM-07
Lead	51.9	3.00	"	100	13.2	38.7	75-125	3.65	20	QM-07

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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

Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch 25I0248 - EPA 3550B Soil

#### Blank (25I0248-BLK1)

Prepared: 09/12/25 Analyzed: 09/17/25

alpha-BHC	ND	5.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	5.0	"							
alpha-Chlordane	ND	5.0	"							
Endosulfan I	ND	5.0	"							
4,4'-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4'-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4'-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	5.0	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	20	"							
Surrogate: Tetrachloro-meta-xylene	7.17		"	10.0		71.7	35-140			
Surrogate: Decachlorobiphenyl	8.58		"	10.0		85.8	35-140			

#### LCS (25I0248-BS1)

Prepared: 09/12/25 Analyzed: 09/17/25

gamma-BHC (Lindane)	30.3	5.0	ug/kg	40.4		75.0	40-120			
Heptachlor	31.2	5.0	"	40.0		77.9	40-120			
Aldrin	24.7	5.0	"	40.0		61.7	40-120			
Dieldrin	31.5	5.0	"	40.2		78.3	40-120			
Endrin	32.1	5.0	"	40.2		79.8	40-120			
4,4'-DDT	33.2	5.0	"	40.4		82.2	33-147			
Surrogate: Tetrachloro-meta-xylene	6.61		"	10.0		66.1	35-140			
Surrogate: Decachlorobiphenyl	7.91		"	10.0		79.1	35-140			

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

Reported:  
09/17/25 15:07

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

### SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 2510248 - EPA 3550B Soil

Matrix Spike (2510248-MS1)		Source: T253777-01			Prepared: 09/12/25 Analyzed: 09/17/25	
gamma-BHC (Lindane)	26.7	5.0	ug/kg	40.4	ND	66.1 30-120
Heptachlor	27.0	5.0	"	40.0	ND	67.4 30-120
Aldrin	23.4	5.0	"	40.0	ND	58.6 30-120
Dieldrin	27.2	5.0	"	40.2	ND	67.7 30-120
Endrin	27.9	5.0	"	40.2	ND	69.5 30-120
4,4'-DDT	29.3	5.0	"	40.4	ND	72.6 30-120
Surrogate: Tetrachloro-meta-xylene	5.45		"	10.0		54.5 35-140
Surrogate: Decachlorobiphenyl	8.33		"	10.0		83.3 35-140

Matrix Spike Dup (2510248-MSD1)		Source: T253777-01			Prepared: 09/12/25 Analyzed: 09/17/25	
gamma-BHC (Lindane)	26.7	5.0	ug/kg	40.4	ND	66.0 30-120 0.148 30
Heptachlor	27.4	5.0	"	40.0	ND	68.6 30-120 1.72 30
Aldrin	22.7	5.0	"	40.0	ND	56.6 30-120 3.39 30
Dieldrin	27.5	5.0	"	40.2	ND	68.5 30-120 1.14 30
Endrin	27.9	5.0	"	40.2	ND	69.4 30-120 0.176 30
4,4'-DDT	28.9	5.0	"	40.4	ND	71.6 30-120 1.39 30
Surrogate: Tetrachloro-meta-xylene	5.59		"	10.0		55.9 35-140
Surrogate: Decachlorobiphenyl	7.08		"	10.0		70.8 35-140

SunStar Laboratories, Inc.

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Lena Davidkov, Project Manager



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Partner - Roseville  
1512 Eureka Rd, Suite 205  
Roseville CA, 95661

Project: Loomis Soil Sampling  
Project Number: 20-280220  
Project Manager: Bruce Eppler

**Reported:**  
09/17/25 15:07

### Notes and Definitions

S-GC	Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
QM-07	The spike recovery and/or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

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

Lena Davidkov, Project Manager



# Chain of Custody Record

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE  
25712 Commerce Drive, Lake Forest, CA 92630  
949-297-5020

Client: Partner ESI Date: 9/9/2025 Page: 4 of 3  
Address: 512 Eureka Rd, Suite 205, Roseville Project Name: Loomis Soil Sampling  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Collector: N. Pandilinan / Power Client Project #: 20-280220  
Project Manager: Bruce Eppier Batch #: T253777 EDF #: \_\_\_\_\_

Laboratory ID #	Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals	OCPs - EPA 8081A	As & Pb	Comments/Preservative	Total # of containers
01	P4-C1	9/9/25		Soil	JAR														
02	P4-C1-DUP																		
03	P4-C2																		
04	P4-C3																		
05	P4-C4																		
06	P4-D1																		
07	P4-D2																		
08	P4-D3																		
09	P4-D4																		
10	P4-D4-DUP																		
11	P7-C1																		
12	P7-C1-DUP																		
13	P7-C2																		
14	P7-C3																		
15	P7-C4																		
Relinquished by: (signature)		Date / Time		Received by: (signature)		Date / Time		Total # of containers		Chain of Custody seals		Seals intact?		Received good condition/cold		Notes			
[Signature]		9/9/2025 1240		Ed Stuenkel 9/09/2025 1240				15		N/A		Y		1.5°C					
Relinquished by: (signature)		Date / Time		Received by: (signature)		Date / Time													
Ed Stuenkel 9/09/2025 1630				Gus Keith P.															
Relinquished by: (signature)		Date / Time		Received by: (signature)		Date / Time													
GLS				Ed Stuenkel 9/10/25 10:31															

Sample disposal instructions: Disposal @ \$2.00 each \_\_\_\_\_ Return to client \_\_\_\_\_ Pickup \_\_\_\_\_ Turn around time: 5D

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE  
25712 Commercentre Drive, Lake Forest, CA 92630  
949-297-5020

Client: Partner, ESI  
Address: 1512 Eureka Rd, Ste 205, Roseville, CA  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Project Manager: Bruce Epler

Date: 04/09/2025 Page: 2 of 3  
Project Name: Loomis Soil Sampling  
Collector: N. Pangilinan/Pawen Client Project #: 20-280220  
Batch #: T253777 EDF #: \_\_\_\_\_

Laboratory ID #	Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals	OCPS - EPA 8081A	As & Pb	As only	Comments/Preservative	Total # of containers
16	P3-D1	4/9/25		10L	100L															
17	P3-D2																			
18	P3-D3																			
19	P3-D4																			
20	P3-D1																			
21	P3-D2																			
22	P3-D3																			
23	P3-D4																			
24	P3-D1																			
25	P3-D2																			
26	P3-D3																			
27	P3-D4																			
28	P3-B																			
29	P3-B																			
30	P3-B																			
Relinquished by: (signature)		Date / Time	4/9/25	Received by: (signature)		Date / Time	Total # of containers													
Relinquished by: (signature)		Date / Time	4/9/25	Received by: (signature)		Date / Time	Chain of Custody seals													
Relinquished by: (signature)		Date / Time	4/9/25	Received by: (signature)		Date / Time	Seals intact? <input checked="" type="checkbox"/> N/A													
Relinquished by: (signature)		Date / Time	4/9/25	Received by: (signature)		Date / Time	Received good condition/cold													
Relinquished by: (signature)		Date / Time	4/9/25	Received by: (signature)		Date / Time	Turn around time: 30													
Relinquished by: (signature)		Date / Time	4/9/25	Received by: (signature)		Date / Time	Notes													
Relinquished by: (signature)		Date / Time	4/9/25	Received by: (signature)		Date / Time	Total # of containers													

Sample disposal instructions: Disposal @ \$2.00 each \_\_\_\_\_

Return to client \_\_\_\_\_

Pickup \_\_\_\_\_

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commerce Drive, Lake Forest, CA 92630  
949-297-5020

Client: Partner, ESI

Address: 1512 Eureka Rd, Ste 205, Roseville, CA

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Project Manager: Bruce Epple

Date: 09/09/2025

Page: 2 Of 3

Project Name: Loomis Soil Sampling

Collector: N. Pangillinan/P. DuEn Client Project #: 20-280220

Batch #: T253777

EDF #

[illegible]

## SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T253777

Client Name: Partner Project: Loomis Soil Sampling

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

If Courier, Received by: \_\_\_\_\_ Date/Time Courier Received: \_\_\_\_\_

Lab Received by: Pan/ Date/Time Lab Received: 9/10/25 10:31

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

Temperature: Cooler #1	<u>1.4</u> °C +/- the CF (+ 0.1°C) =	<u>1.5</u> °C corrected temperature
Temperature: Cooler #2	°C +/- the CF (+ 0.1°C) =	°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (+ 0.1°C) =	°C corrected temperature
<b>Temperature criteria = ≤ 6°C (no frozen containers)</b>		Within criteria? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<b>If NO:</b>		
Samples received on ice?	<input type="checkbox"/> Yes	<input type="checkbox"/> No → Complete Non-Conformance Sheet
If on ice, samples received same day collected?	<input type="checkbox"/> Yes → Acceptable	<input type="checkbox"/> No → Complete Non-Conformance Sheet

Custody seals intact on cooler/sample ☒ Yes ☐ No\* ☐ N/A

Sample containers intact ☒ Yes ☐ No\*

Sample labels match Chain of Custody IDs ☒ Yes ☐ No\*

Total number of containers received match COC ☒ Yes ☐ No\*

Proper containers received for analyses requested on COC ☒ Yes ☐ No\*

Proper preservative indicated on COC/containers for analyses requested ☐ Yes ☐ No\* ☒ N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times ☒ Yes ☐ No\*

\* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: PB 9/10/25

**Comments:**

**WORK ORDER**

**T253777**

**Client:** Partner - Roseville  
**Project:** Loomis Soil Sampling

**Project Manager:** Lena Davidkov  
**Project Number:** 20-280220

**Report To:**

Partner - Roseville  
Bruce Eppler  
1512 Eureka Rd, Suite 205  
Roseville, CA 95661

Date Due: 09/17/25 17:00 (5 day TAT)

Received By: Paul Berner

Date Received: 09/10/25 10:31

Logged In By: Lisa Rockhold

Date Logged In: 09/10/25 11:48

Samples Received at: 1.5°C  
Custody Seals Yes Received On Ice Yes  
Containers Intact Yes  
COC/Labels Agree Yes  
Preservation Confirmed No

Analysis	Due	TAT	Expires	Comments
<b>T253777-01 P4-C1 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-02 P4-C1-DUP [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-03 P4-C2 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-04 P4-C3 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-05 P4-C4 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-06 P4-D1 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only
<b>T253777-07 P4-D2 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only

**WORK ORDER**

**T253777**

<b>Client:</b> Partner - Roseville	<b>Project Manager:</b> Lena Davidkov
<b>Project:</b> Loomis Soil Sampling	<b>Project Number:</b> 20-280220

Analysis	Due	TAT	Expires	Comments
<b>T253777-08 P4-D3 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only
<b>T253777-09 P4-D4 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only
<b>T253777-10 P4-D4-DUP [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only
<b>T253777-11 P7-C1 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-12 P7-C1-DUP [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-13 P7-C2 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-14 P7-C3 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-15 P7-C4 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-16 P7-D1 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only
<b>T253777-17 P7-D2 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only
<b>T253777-18 P7-D3 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only

**WORK ORDER**

**T253777**

<b>Client:</b>	<b>Partner - Roseville</b>	<b>Project Manager:</b>	<b>Lena Davidkov</b>
<b>Project:</b>	<b>Loomis Soil Sampling</b>	<b>Project Number:</b>	<b>20-280220</b>

Analysis	Due	TAT	Expires	Comments
<b>T253777-19 P7-D4 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only
<b>T253777-20 P8-C1 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-21 P8-C2 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-22 P8-C3 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-23 P8-C4 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
8081 Pesticides	09/17/25 15:00	5	09/23/25 00:00	
<b>T253777-24 P8-D1 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only
<b>T253777-25 P8-D2 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only
<b>T253777-26 P8-D3 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only
<b>T253777-27 P8-D4 [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only
<b>T253777-28 P3-B [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As only
<b>T253777-29 P5-B [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As only

WORK ORDER

T253777

Client:

Partner - Roseville

Project Manager:

Lena Davidkov

Project:

Loomis Soil Sampling

Project Number:

20-280220

Analysis	Due	TAT	Expires	Comments
T253777-30 P6-B [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As only
T253777-31 P8-D3-DUP [Soil] Sampled 09/09/25 00:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	09/17/25 15:00	5	03/08/26 00:00	As, Pb only