



June 5, 2023

Mr. Bob Close
Bridge Logistic Properties
1501 Quail Street, Suite 110
Newport Beach, California 92660

Subject: Results of Phase II Site Investigation at the Property Located at Patterson Avenue, Perris, California 92570, APN: 317-14-0016 (Subject Property).

Dear Mr. Close,

This report presents the results of the Phase II Site Investigation (SI) completed at the Subject Property referenced above in the City of Perris, California (Subject Property; Figure 1-2). Hazard Management Consulting, Inc. (HMC) previously prepared a Phase I Environmental Subject Property Assessment (ESA) for the Subject Property dated January 18, 2022 (HMC, 2022). The purpose of the ESA was to evaluate the Subject Property for potential Recognized Environmental Conditions (RECs) that may be present at the Subject Property and was conducted as a part of Bridge's due diligence efforts to acquire the Subject Property. No issues of concern were noted in the ESA. Subsequent to preparing the ESA and as part of vacating the property, the tenant spilled what appeared to be motor oil creating a small stained area.

As part of the entitlement process for the Site, the Riverside County Department of Environmental Health, Environmental Cleanup Program (RCDEH-ECP) reviewed the 2022 Phase I ESA prepared by HMC and considered the prior use of the land at the Subject Property an environmental concern. RCDEH-ECP requested investigation of possible residual contamination at the Subject Property as a result of the historic operations at the Subject Property. This report presents the results of the investigation to conduct that investigation in response to the RCDEH-ECP request.

BACKGROUND

The Subject Property is located on the west side of Patterson Avenue and comprises approximately 5.15 acres. The Subject Property is relatively flat with an elevation of approximately 1,523 feet above mean sea level (msl) and slight slope to the east northeast. The Subject Property is located within an unincorporated area of Riverside County and is in an area zoned for Light Industrial (LI). The Subject Property is situated within the San Jacinto Basin and is located within Perris Valley sub-area of San Jacinto Groundwater Basin. According to information obtained from the California Regional Water Quality Control Board (CRWQCB) Geotracker website, groundwater at the Subject Property is reported at approximately 200 feet below ground surface and flows towards the east northeast.

The Subject Property was historically undeveloped vacant land as early as 1901 and has remained undeveloped until the present. Based on aerial photographs, the Subject Property was used for truck maintenance and truck and trailer parking purposes since at least 2009. According to City Directory records, there have been no listings for the Subject Property.

During the time of HMC's reconnaissance in 2022, the Subject Property was observed to be unpaved, undeveloped vacant land and the Subject Property was predominately used to park trucks and trailers. It was noted that Cluma Truck Training and Rental Company (Cluma) also occupied the Subject Property. A Cluma office trailer was observed on the northern portion of the Subject Property. Minor truck repair and services were conducted under a shade structure on the northern portion of the Subject Property. Hazardous materials observed at the Subject Property included 55-gallon drums and 5-gallon containers of new and used motor oil near the truck maintenance area. No observable staining or spills were observed at the Subject Property. As noted above, during the process of vacating the property, a small amount of oil was apparently spilled creating a limited stained area.

Regulatory agency database information was obtained from a standard radius Subject Property Assessment (ASTM) report by Environmental Data Resources, Inc., as well as public records requests to the RCDEH and the City of Perris. Based on a review of the regulatory agency database information and public records requests, the Subject Property was not listed in any databases. No facilities in the vicinity of the Subject Property were identified in any databases.

As noted above, as part of the entitlement process for the Site development, the Riverside County Department of Environmental Health, Environmental Cleanup Program (RCDEH-ECP) reviewed the 2022 Phase I ESA prepared by HMC and considered the prior use of the land at the

Subject Property an environmental concern. RCDEH-ECP requested investigation of possible residual contamination at the Subject Property as a result of the historic operations at the Subject Property. A workplan was prepared to present a scope of work and procedures to be used to implement that scope which included advancing three soil borings in the area of the former Cluma operations including the area of stained soil.

OBJECTIVE

The objective of the work described herein is to evaluate whether there has been a release of hazardous substances to soil at the Subject Property as a result of the historic on-site operations.

DATA EVALUATION CRITERIA

To evaluate the significance of the data obtained as part of this investigation, the soil samples were compared to State and Federal screening levels to assess whether detectable concentrations would present a possible human health risk to construction workers, future occupants, and/or the environment. Laboratory analyses were compared to the California Department of Toxic Substances Control (DTSC) Soil Screening Levels for industrial/commercial land use (DTSC-SLi), the United States Environmental Protection Agency (USEPA) Regional Screening Levels for industrial/commercial land use (EPA-RSLi), and the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels for industrial direct exposure human health risk levels (SFBRWQCB-ESLi). These regulatory guidelines present suggested cleanup goals for the protection of workers and future occupants based on industrial/commercial land use and for the protection of groundwater. The DTSC-SLi, EPA-RSLi, and SFBRWQCB-ESLi values are human health risk criteria based on dermal contact, ingestion, and inhalation. Table 1 presents these guidelines.

Metals are naturally occurring within soil and sediments. With the exception of arsenic, concentrations were compared to the human health risk criteria set forth in DTSC-SLi, EPA-RSLi, and SFBRWQCB-ESLi values. Due to the granitic nature of California geology, natural background concentrations of arsenic typically exceed the human health risk guidelines prepared by the State and Federal agencies. The Kearney Foundation of Soil Science Division of Agriculture and Natural Resources (Kearney Foundation) conducted an investigation to evaluate the background

concentrations of trace and major elements in California Soils. They have created a database that is essential to systematic, accurate assessments of anthropogenic and natural causes of elevated trace element concentrations. Vanadium is a metal that is commonly found in the soils of California above the health risk guidelines prepared by the State and Federal agencies. Based on this study, the Kearney Foundation concluded that the average concentration of arsenic found in the soils of California is 11 mg/kg.

SITE INVESTIGATION

The SI included the advancement of three soil borings for the collection of soil samples (designated SB-1 through SB-3), and two grab soil samples from the post-grading of soil and debris (designated GS-1 and GS-2). Field activities took place on May 22, 2023. HMC notified Underground Service Alert (USA) the work would commence on this date and marked the Site with white marking paint 72 hours in advance, as required by law. All soil boring were advanced with hand-auger equipment to a depth of approximately 3-feet below ground surface (bgs) by Mr. Gage Costales of HMC. Soil sampling equipment was decontaminated using a critical cleaning detergent and de-ionized water in conjunction with the “triple rinse method” prior to the collection of each soil sample. The soil samples were collected from the hand-auger bucket into laboratory provided glass jars and were properly labeled before being placed in a chilled cooler for transportation.

Soil samples were stored in a chilled cooler and transported under COC protocol to and analyzed by Sunstar Laboratories, a certified laboratory contractor located in Lake Forest, California. Soil samples were analyzed for volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), and Title 22 metals in general accordance with EPA Method Nos. 8260B, 8015, and 6010, respectively.

The following presents the results of the SI performed at the Subject Property.

Soil Sample Results

As presented in Table 1, soil samples were collected at all five locations across the Subject Property. The locations SB-1 through SB-3 were used to collect a total of 6 soil samples at 1- and 3-feet bgs. The locations GS-1 and GS-2 were used to collect a total of 2 soil samples from the shallow soil. Soil lithology at the Subject Property generally consisted of yellowish-brown sand near the surface, and orangish-brown loamy sand from 1- to 3-feet bgs. Soil in the area near the former maintenance area (SB-1 through SB-3) was noted

with dense surficial oil staining and strong odors from the surface to approximately 1.5-feet bgs. The remaining soil in SB-1 through SB-3, and soil in GS-1 and GS-2 were not noted with any significant staining or odors.

VOCs were generally reported with no to low detections of the contaminants of concern. VOC detections are as follows:

- n-Butylbenzene was reported in one sample (SB-1-1) at a concentration of 120 milligrams per kilogram (mg/kg). This detection is well below the U.S. Environmental Protection Agency regional screening level for industrial/commercial land use (EPA-RSLi) of 58,000 mg/kg.
- Methyl Isobutyl Ketone was reported in one sample (SB-1-1) at a concentration of 1,100 mg/kg. This detection is well below the EPA-RSLi of 140,000 mg/kg.
- Tert-butyl acetone was reported in one sample (SB-3-1) at a concentration of 38 mg/kg. There are no regulatory screening levels in place for this compound.
- Acetone was reported in one sample (SB-3-1) at a concentration of 15 mg/kg. This is well below the EPA-RSLi of 670,000 mg/kg.

TPH was reported with concentrations ranging from non-detectable to elevated concentrations. TPH detections are as follows.

- No detections of TPH C6-C12 (gasoline range) were reported.
- TPH C13-C28 (diesel range) was reported in four samples at concentrations of 20 mg/kg (SB-3-3), 990 mg/kg (SB-1-1), 2,900 mg/kg (SB-3-1), and 3,300 mg/kg (SB-2-1). The concentrations detected at SB-3-1 and SB-2-1 exceed the San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels for industrial land use (SFBRWQCB-ESLi) of 1,200 mg/kg.
- TPH C29-C40 (motor oil range) was reported in all samples at concentrations ranging from 84 mg/kg to 81,000 mg/kg. These concentrations are below the SFBRWQCB-ESLi of 180,000 mg/kg.

Metals concentrations in soil appeared to be representative of background conditions for the region, with the exception of arsenic in one sample (SB-3-1) at a concentration of 23

mg/kg. This concentration exceeds the Kearny Foundation average concentration of arsenic found in the soils of California of 11 mg/kg.

DISCUSSION

The SI was conducted to evaluate whether there has been a significant release of hazardous substances to soil at the Subject Property as a result of the historic on-site operations. Soil samples generally reported no to low concentrations of VOCs in soil samples collected at the Subject Property. Detections of VOCs in soil samples were found to be well below their respective screening criteria. Soil samples reported elevated concentrations of TPH C13-28 and TPH C29-40 in shallow soil samples collected at the Subject Property in the former truck maintenance area. The highest concentrations of TPH were reported in the samples collected at the 1-foot bgs mark in soil borings SB-1 through SB-3. Soil samples collected at the 3-foot bgs mark in soil borings SB-1 through SB-3, and the grab soil samples GS-1 and GS-2, reported no to low concentrations of TPH. The source of the elevated concentrations of TPH in soil appeared to be a spill of motor oil products in the former truck maintenance area. Based on the soil sampling results, the vertical and lateral extent of the TPH contaminated soil has been determined to be in the area of dense surficial staining to a depth of approximately 1.5-feet bgs. The affected area was estimated to represent an area of 15' x 15' x 1.5' in depth or approximately 12.5 cubic yards of impacted material.

Metals concentrations in soil appeared to be representative of background conditions for the region, with the exception of arsenic in one sample (SB-3-1) at a concentration of 23 mg/kg. This concentration exceeds the Kearny Foundation average concentration of arsenic found in the soils of California of 11 mg/kg. While this concentration does exceed regulatory screening criteria and the Kearney Foundation average concentration of arsenic found in soil of California, we considered this detection to be an outlier and HMC does not believe this poses a hazard to human health or the environment. However, the elevated concentration of arsenic was found in SB-3-1 which also contained elevated TPH and will be removed along with the TPH as recommended below.

CONCLUSIONS & RECOMMENDATIONS

HMC has completed a Phase II Subject Property Investigation and has found evidence that a diminimus release of TPH in the diesel and motor oil range has occurred in shallow soil at the Subject Property. Based on the soil sampling results, the vertical and lateral extent of TPH

contaminated soil has been determined to be in the area of dense surficial staining (15' x 15') to a depth of approximately 1.5-feet bgs and represents an estimated volume of 12.5 cubic yards.

Given the findings of this investigation, HMC recommends the excavation and disposal of the TPH impacted soil in the former truck maintenance area. Following excavation, confirmation samples should be collected from the sidewalls and bottom of the excavation to confirm no residual TPH remains in soil at the Subject Property.

We thank you for the opportunity to be of service. If there are any questions or comments regarding this report, please contact the undersigned at your convenience.

Sincerely,
Hazard Management Consulting, Inc.



Mark S. Cousineau
Principal



Gage Costales
Project Scientist

Attachments:

Table 1 – Laboratory Results of Soil Sampling
Figure 1 – Site Location Map
Figure 2 – Site & Site Vicinity Map
Appendix A - Photos
Appendix B – Laboratory Report

TABLE 1 - LABORATORY RESULTS OF SOIL SAMPLING

Location	Sample ID	Date Sampled	Sample Depth (feet bgs)	VOCs and Oxy. (µg/Kg)					TPHcc (mg/Kg)			Metals (mg/Kg)											
				n-Butylbenzene	Methyl Isobutyl Ketone	Tert-Butyl Alcohol	Acetone	1,2,4-Trimethylbenzene	C6-C12	C13-C28	C29-C40	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Vanadium	Zinc	Other Metals	
Former Automotive Repair Area	SB-1-1	5/22/2023	1'	120	1,100	NA	NA	390	NA	990	36,000	NA	34	7.5	3.9	13	4.2	NA	7.2	21	88	NA	
	SB-1-3	5/22/2023	3'	NA	NA	NA	NA	NA	NA	NA	84	NA	90	10	7	6.4	NA	NA	4.4	30	26	NA	
	SB-2-1	5/22/2023	1'	NA	NA	NA	NA	210	NA	3300	81,000	NA	55	8.4	4.9	13	23	7.7	8.6	30	230	NA	
	SB-2-3	5/22/2023	3'	NA	NA	NA	NA	NA	NA	NA	240	NA	86	9.4	6.3	6.2	NA	NA	4	28	24	NA	
	SB-3-1	5/22/2023	1'	NA	NA	38	15	NA	NA	2,900	66,000	23	27	4.6	2.9	6.3	5.1	NA	6.5	15	90	NA	
	SB-3-3	5/22/2023	3'	NA	NA	NA	NA	NA	NA	20	340	NA	110	12	8.1	8.3	NA	NA	5.7	34	31	NA	
Western Portion of Site	GS-1	5/22/2023	0.5'	NA	NA	NA	NA	NA	NA	NA	120	NA	87	8.5	5.6	6.8	3.3	NA	3.6	28	25	NA	
	GS-2	5/22/2023	0.5'	NA	NA	NA	NA	NA	NA	NA	110	NA	110	13	8.9	7.3	NA	NA	4.8	43	33	NA	
Regulatory Screening Levels - Protection of Human Health																							
DTSC-Sli				NA	NA	NA	NA	NA	NA	NA	NA	0.36	NA	NA	NA	NA	320	NA	64,000	NA	NA	NA	
EPA-RSLi				58,000	140,000	NA	670,000	1,800	2,000	1,200	180,000	NA	220,000	160	350	47,000	800	5,800	NA	5,800	350,000	NA	
SFBRWQCB				NA	140,000	NA	670,000	NA	NA	NA	NA	0.31	220,000	160	1,900	47,000	380	5,800	64,000	5,800	350,000	NA	

Notes:

Sample ID - Sample Identification
 feet bgs - feet below ground surface
 VOCs - volatile organic compounds analyzed in general accordance with EPA Method No. 8260B
 Oxy. - Oxygenates analyzed in general accordance with EPA Method No. 8260B
 TPHcc - total petroleum hydrocarbons carbon chain C6-C40 in general accordance with EPA Method No. 8015 (modified)
 C6-C12 - total petroleum hydrocarbons as gasoline
 C13-C28 - total petroleum hydrocarbons as diesel fuel
 C29-C40 - soil petroleum hydrocarbons as oil
 mg/Kg - milligrams per kilogram
 µg/Kg - micrograms per kilogram
 ND - no detectable concentrations above the laboratory reporting limit
 NA - Not Applicable
 * - Not Analyzed
 DTSC-Sli - California Department of Toxic Substance Control, Human and Ecological Risk Office, Note 3, Screening Levels for industrial/commercial land use, date June 2018
 EPA-RSLi - EPA Region 9, Regional Screening Levels for industrial/commercial land use, dated May 2021
 SFBRWQCB - San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels 2019 (Rev. 2)
 Highlighted areas indicated concentrations that exceeded screening levels presented in this table.

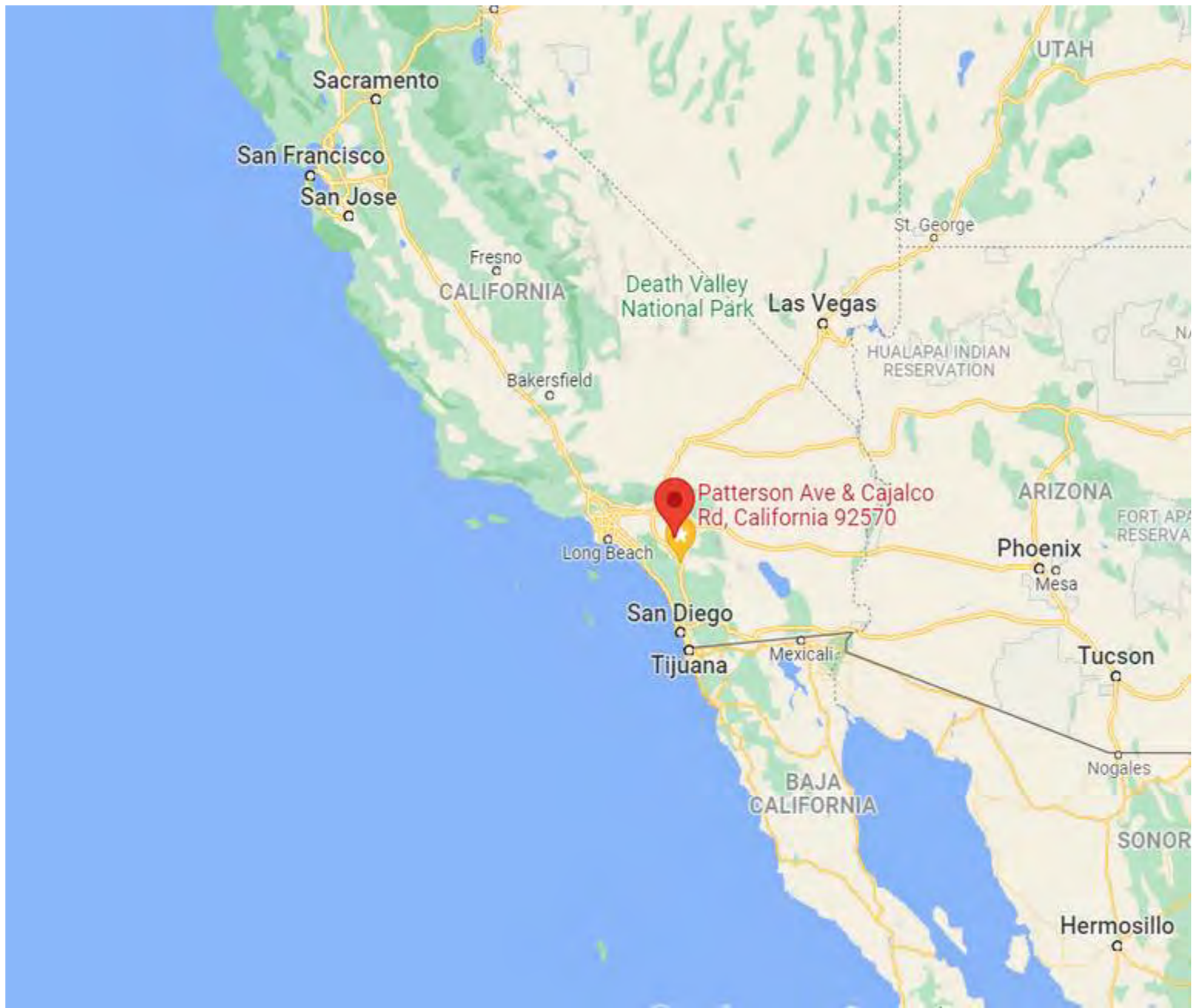


Figure 1: Site Location Map



FIGURE 2: SITE SITE & SITE VICINITY

ATTACHMENT A

Photos

Former Maintenance Area Dense Surficial Oil Staining



ATTACHMENT B

Laboratory Report



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

26 May 2023

Gage Costales
Hazard Management Consulting, Inc.
211 West Avenida Cordoba, Suite 200
San Clemente, CA 92672
RE: Patterson & Cajalco

Enclosed are the results of analyses for samples received by the laboratory on 05/22/23 11:13. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Traficante
Project Manager



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

Hazard Management Consulting, Inc.
211 West Avenida Cordoba, Suite 200
San Clemente CA, 92672

Project: Patterson & Cajalco
Project Number: [none]
Project Manager: Gage Costales

Reported:
05/26/23 17:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1-1	T231357-01	Soil	05/22/23 09:22	05/22/23 11:13
SB-1-3	T231357-02	Soil	05/22/23 09:28	05/22/23 11:13
SB-2-1	T231357-03	Soil	05/22/23 09:34	05/22/23 11:13
SB-2-3	T231357-04	Soil	05/22/23 09:37	05/22/23 11:13
SB-3-1	T231357-05	Soil	05/22/23 09:50	05/22/23 11:13
SB-3-3	T231357-06	Soil	05/22/23 09:55	05/22/23 11:13
GS-1	T231357-07	Soil	05/22/23 10:00	05/22/23 11:13
GS-2	T231357-08	Soil	05/22/23 10:05	05/22/23 11:13

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

DETECTIONS SUMMARY

Sample ID: SB-1-1 **Laboratory ID:** T231357-01

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
C13-C28 (DRO)	990	100		mg/kg	EPA 8015B	D-09, R-07
C29-C40 (MORO)	36000	100		mg/kg	EPA 8015B	D-06, R-07
Barium	34	1.0		mg/kg	EPA 6010b	
Chromium	7.5	2.0		mg/kg	EPA 6010b	
Cobalt	3.9	2.0		mg/kg	EPA 6010b	
Copper	13	1.0		mg/kg	EPA 6010b	
Lead	4.2	3.0		mg/kg	EPA 6010b	
Nickel	7.2	2.0		mg/kg	EPA 6010b	
Vanadium	21	5.0		mg/kg	EPA 6010b	
Zinc	88	1.0		mg/kg	EPA 6010b	
n-Butylbenzene	120	120		ug/kg	EPA 8260B	
1,2,4-Trimethylbenzene	390	120		ug/kg	EPA 8260B	
Methyl isobutyl ketone	1100	250		ug/kg	EPA 8260B	

Sample ID: SB-1-3 **Laboratory ID:** T231357-02

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
C29-C40 (MORO)	84	10		mg/kg	EPA 8015B	D-06
Barium	90	1.0		mg/kg	EPA 6010b	
Chromium	10	2.0		mg/kg	EPA 6010b	
Cobalt	7.0	2.0		mg/kg	EPA 6010b	
Copper	6.4	1.0		mg/kg	EPA 6010b	
Nickel	4.4	2.0		mg/kg	EPA 6010b	
Vanadium	30	5.0		mg/kg	EPA 6010b	
Zinc	26	1.0		mg/kg	EPA 6010b	

Sample ID: SB-2-1 **Laboratory ID:** T231357-03

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
C13-C28 (DRO)	3300	200		mg/kg	EPA 8015B	D-09, R-07
C29-C40 (MORO)	81000	200		mg/kg	EPA 8015B	D-06, R-07
Barium	55	1.0		mg/kg	EPA 6010b	

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

Sample ID: SB-2-1 **Laboratory ID:** T231357-03

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Chromium	8.4	2.0	mg/kg	EPA 6010b	
Cobalt	4.9	2.0	mg/kg	EPA 6010b	
Copper	13	1.0	mg/kg	EPA 6010b	
Lead	23	3.0	mg/kg	EPA 6010b	
Molybdenum	7.7	5.0	mg/kg	EPA 6010b	
Nickel	8.6	2.0	mg/kg	EPA 6010b	
Vanadium	30	5.0	mg/kg	EPA 6010b	
Zinc	230	1.0	mg/kg	EPA 6010b	
1,2,4-Trimethylbenzene	210	120	ug/kg	EPA 8260B	

Sample ID: SB-2-3 **Laboratory ID:** T231357-04

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
C29-C40 (MORO)	240	10	mg/kg	EPA 8015B	D-06
Barium	86	1.0	mg/kg	EPA 6010b	
Chromium	9.4	2.0	mg/kg	EPA 6010b	
Cobalt	6.3	2.0	mg/kg	EPA 6010b	
Copper	6.2	1.0	mg/kg	EPA 6010b	
Nickel	4.0	2.0	mg/kg	EPA 6010b	
Vanadium	28	5.0	mg/kg	EPA 6010b	
Zinc	24	1.0	mg/kg	EPA 6010b	

Sample ID: SB-3-1 **Laboratory ID:** T231357-05

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
C13-C28 (DRO)	2900	200	mg/kg	EPA 8015B	D-09, R-07
C29-C40 (MORO)	66000	200	mg/kg	EPA 8015B	D-06, R-07
Arsenic	23	2.0	mg/kg	EPA 6010b	
Barium	27	1.0	mg/kg	EPA 6010b	
Chromium	4.6	2.0	mg/kg	EPA 6010b	
Cobalt	2.9	2.0	mg/kg	EPA 6010b	
Copper	6.3	1.0	mg/kg	EPA 6010b	
Lead	5.1	3.0	mg/kg	EPA 6010b	
Nickel	6.5	2.0	mg/kg	EPA 6010b	
Vanadium	15	5.0	mg/kg	EPA 6010b	
Zinc	90	1.0	mg/kg	EPA 6010b	

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.

Rebecca Traficante, Project Manager

Hazard Management Consulting, Inc.
211 West Avenida Cordoba, Suite 200
San Clemente CA, 92672

Project: Patterson & Cajalco
Project Number: [none]
Project Manager: Gage Costales

Reported:
05/26/23 17:00

Sample ID: SB-3-1 **Laboratory ID:** T231357-05

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Tert-butyl alcohol	38	25	ug/kg	EPA 8260B	
Acetone	15	2.5	ug/kg	EPA 8260B	

Sample ID: SB-3-3 **Laboratory ID:** T231357-06

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
C13-C28 (DRO)	20	10	mg/kg	EPA 8015B	D-09
C29-C40 (MORO)	340	10	mg/kg	EPA 8015B	D-06
Barium	110	1.0	mg/kg	EPA 6010b	
Chromium	12	2.0	mg/kg	EPA 6010b	
Cobalt	8.1	2.0	mg/kg	EPA 6010b	
Copper	8.3	1.0	mg/kg	EPA 6010b	
Nickel	5.7	2.0	mg/kg	EPA 6010b	
Vanadium	34	5.0	mg/kg	EPA 6010b	
Zinc	31	1.0	mg/kg	EPA 6010b	

Sample ID: GS-1 **Laboratory ID:** T231357-07

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
C29-C40 (MORO)	120	10	mg/kg	EPA 8015B	D-06
Barium	87	1.0	mg/kg	EPA 6010b	
Chromium	8.5	2.0	mg/kg	EPA 6010b	
Cobalt	5.6	2.0	mg/kg	EPA 6010b	
Copper	6.8	1.0	mg/kg	EPA 6010b	
Lead	3.3	3.0	mg/kg	EPA 6010b	
Nickel	3.6	2.0	mg/kg	EPA 6010b	
Vanadium	28	5.0	mg/kg	EPA 6010b	
Zinc	25	1.0	mg/kg	EPA 6010b	

Sample ID: GS-2 **Laboratory ID:** T231357-08

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
C29-C40 (MORO)	110	10	mg/kg	EPA 8015B	D-06
Barium	110	1.0	mg/kg	EPA 6010b	
Chromium	13	2.0	mg/kg	EPA 6010b	

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.



Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

Sample ID: GS-2

Laboratory ID: T231357-08

Reporting

Analyte	Result	Limit	Units	Method	Notes
Cobalt	8.9	2.0	mg/kg	EPA 6010b	
Copper	7.3	1.0	mg/kg	EPA 6010b	
Nickel	4.8	2.0	mg/kg	EPA 6010b	
Vanadium	43	5.0	mg/kg	EPA 6010b	
Zinc	33	1.0	mg/kg	EPA 6010b	

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-1-1
T231357-01 (Soil)

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

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	100	mg/kg	10	23E0420	05/23/23	05/24/23	EPA 8015B	R-07
C13-C28 (DRO)	990	100	"	"	"	"	"	"	D-09, R-07
C29-C40 (MORO)	36000	100	"	"	"	"	"	"	D-06, R-07
<i>Surrogate: p-Terphenyl</i>		<i>84.1 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>R-07</i>

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23E0421	05/23/23	05/24/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	2.0	"	"	"	"	"	"	
Barium	34	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	7.5	2.0	"	"	"	"	"	"	
Cobalt	3.9	2.0	"	"	"	"	"	"	
Copper	13	1.0	"	"	"	"	"	"	
Lead	4.2	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	7.2	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	21	5.0	"	"	"	"	"	"	
Zinc	88	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23E0426	05/23/23	05/24/23	EPA 7471A Soil	
---------	----	------	-------	---	---------	----------	----------	-------------------	--

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-1-1
T231357-01 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

R-03

Bromobenzene	ND	120	ug/kg	50	23E0419	05/23/23	05/24/23	EPA 8260B	
Bromochloromethane	ND	120	"	"	"	"	"	"	
Bromodichloromethane	ND	120	"	"	"	"	"	"	
Bromoform	ND	120	"	"	"	"	"	"	
Bromomethane	ND	120	"	"	"	"	"	"	
n-Butylbenzene	120	120	"	"	"	"	"	"	
sec-Butylbenzene	ND	120	"	"	"	"	"	"	
tert-Butylbenzene	ND	120	"	"	"	"	"	"	
Carbon tetrachloride	ND	120	"	"	"	"	"	"	
Chlorobenzene	ND	120	"	"	"	"	"	"	
Chloroethane	ND	120	"	"	"	"	"	"	
Chloroform	ND	120	"	"	"	"	"	"	
Chloromethane	ND	120	"	"	"	"	"	"	
2-Chlorotoluene	ND	120	"	"	"	"	"	"	
4-Chlorotoluene	ND	120	"	"	"	"	"	"	
Dibromochloromethane	ND	120	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	250	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	120	"	"	"	"	"	"	
Dibromomethane	ND	120	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	120	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	120	"	"	"	"	"	"	
1,1-Dichloroethane	ND	120	"	"	"	"	"	"	
1,2-Dichloroethane	ND	120	"	"	"	"	"	"	
1,1-Dichloroethene	ND	120	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	120	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	120	"	"	"	"	"	"	
1,2-Dichloropropane	ND	120	"	"	"	"	"	"	
1,3-Dichloropropane	ND	120	"	"	"	"	"	"	
2,2-Dichloropropane	ND	120	"	"	"	"	"	"	
1,1-Dichloropropene	ND	120	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	120	"	"	"	"	"	"	

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-1-1
T231357-01 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

R-03

trans-1,3-Dichloropropene	ND	120	ug/kg	50	23E0419	05/23/23	05/24/23	EPA 8260B	
Hexachlorobutadiene	ND	120	"	"	"	"	"	"	
Isopropylbenzene	ND	120	"	"	"	"	"	"	
p-Isopropyltoluene	ND	120	"	"	"	"	"	"	
Methylene chloride	ND	500	"	"	"	"	"	"	
Naphthalene	ND	120	"	"	"	"	"	"	
n-Propylbenzene	ND	120	"	"	"	"	"	"	
Styrene	ND	120	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	120	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	120	"	"	"	"	"	"	
Tetrachloroethene	ND	120	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	120	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	120	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	120	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	120	"	"	"	"	"	"	
Trichloroethene	ND	120	"	"	"	"	"	"	
Trichlorofluoromethane	ND	120	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	120	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	120	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	390	120	"	"	"	"	"	"	
Vinyl chloride	ND	120	"	"	"	"	"	"	
Benzene	ND	120	"	"	"	"	"	"	
Toluene	ND	120	"	"	"	"	"	"	
Ethylbenzene	ND	120	"	"	"	"	"	"	
m,p-Xylene	ND	250	"	"	"	"	"	"	
o-Xylene	ND	120	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	500	"	"	"	"	"	"	
Tert-butyl alcohol	ND	1200	"	"	"	"	"	"	
Di-isopropyl ether	ND	500	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	500	"	"	"	"	"	"	
Acetone	ND	120	"	"	"	"	"	"	
Methyl ethyl ketone	ND	250	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: Patterson & Cajalco Project Number: [none] Project Manager: Gage Costales	Reported: 05/26/23 17:00
---	--	-----------------------------

SB-1-1
T231357-01 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

R-03

Methyl isobutyl ketone	1100	250	ug/kg	50	23E0419	05/23/23	05/24/23	EPA 8260B	
2-Hexanone (MBK)	ND	120	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	81.9-128		"	"	"	"	
Surrogate: Dibromofluoromethane		91.0 %	73-126		"	"	"	"	
Surrogate: Toluene-d8		99.1 %	80.4-121		"	"	"	"	

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-1-3
T231357-02 (Soil)

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

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	23E0420	05/23/23	05/24/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	84	10	"	"	"	"	"	"	D-06
<i>Surrogate: p-Terphenyl</i>		98.1 %		65-135	"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23E0421	05/23/23	05/24/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	2.0	"	"	"	"	"	"	
Barium	90	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	05/24/23	"	
Cadmium	ND	2.0	"	"	"	"	05/24/23	"	
Chromium	10	2.0	"	"	"	"	"	"	
Cobalt	7.0	2.0	"	"	"	"	"	"	
Copper	6.4	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	4.4	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	30	5.0	"	"	"	"	"	"	
Zinc	26	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23E0426	05/23/23	05/24/23	EPA 7471A Soil	
---------	----	------	-------	---	---------	----------	----------	-------------------	--

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-1-3
T231357-02 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-1-3
T231357-02 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

trans-1,3-Dichloropropene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Acetone	ND	2.5	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-1-3
T231357-02 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methyl isobutyl ketone	ND	5.0	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	81.9-128		"	"	"	"	
Surrogate: Dibromofluoromethane		94.0 %	73-126		"	"	"	"	
Surrogate: Toluene-d8		99.6 %	80.4-121		"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-2-1
T231357-03 (Soil)

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

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	200	mg/kg	20	23E0420	05/23/23	05/24/23	EPA 8015B	R-07
C13-C28 (DRO)	3300	200	"	"	"	"	"	"	D-09, R-07
C29-C40 (MORO)	81000	200	"	"	"	"	"	"	D-06, R-07
<i>Surrogate: p-Terphenyl</i>		99.5 %		65-135	"	"	"	"	R-07

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23E0421	05/23/23	05/24/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	2.0	"	"	"	"	"	"	
Barium	55	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	8.4	2.0	"	"	"	"	"	"	
Cobalt	4.9	2.0	"	"	"	"	"	"	
Copper	13	1.0	"	"	"	"	"	"	
Lead	23	3.0	"	"	"	"	"	"	
Molybdenum	7.7	5.0	"	"	"	"	"	"	
Nickel	8.6	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	30	5.0	"	"	"	"	"	"	
Zinc	230	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23E0426	05/23/23	05/24/23	EPA 7471A Soil	
---------	----	------	-------	---	---------	----------	----------	-------------------	--

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-2-1
T231357-03 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

R-07

Bromobenzene	ND	120	ug/kg	50	23E0419	05/23/23	05/26/23	EPA 8260B	
Bromochloromethane	ND	120	"	"	"	"	"	"	
Bromodichloromethane	ND	120	"	"	"	"	"	"	
Bromoform	ND	120	"	"	"	"	"	"	
Bromomethane	ND	120	"	"	"	"	"	"	
n-Butylbenzene	ND	120	"	"	"	"	"	"	
sec-Butylbenzene	ND	120	"	"	"	"	"	"	
tert-Butylbenzene	ND	120	"	"	"	"	"	"	
Carbon tetrachloride	ND	120	"	"	"	"	"	"	
Chlorobenzene	ND	120	"	"	"	"	"	"	
Chloroethane	ND	120	"	"	"	"	"	"	
Chloroform	ND	120	"	"	"	"	"	"	
Chloromethane	ND	120	"	"	"	"	"	"	
2-Chlorotoluene	ND	120	"	"	"	"	"	"	
4-Chlorotoluene	ND	120	"	"	"	"	"	"	
Dibromochloromethane	ND	120	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	250	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	120	"	"	"	"	"	"	
Dibromomethane	ND	120	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	120	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	120	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	120	"	"	"	"	"	"	
1,1-Dichloroethane	ND	120	"	"	"	"	"	"	
1,2-Dichloroethane	ND	120	"	"	"	"	"	"	
1,1-Dichloroethene	ND	120	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	120	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	120	"	"	"	"	"	"	
1,2-Dichloropropane	ND	120	"	"	"	"	"	"	
1,3-Dichloropropane	ND	120	"	"	"	"	"	"	
2,2-Dichloropropane	ND	120	"	"	"	"	"	"	
1,1-Dichloropropene	ND	120	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	120	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-2-1
T231357-03 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

R-07

trans-1,3-Dichloropropene	ND	120	ug/kg	50	23E0419	05/23/23	05/26/23	EPA 8260B	
Hexachlorobutadiene	ND	120	"	"	"	"	"	"	
Isopropylbenzene	ND	120	"	"	"	"	"	"	
p-Isopropyltoluene	ND	120	"	"	"	"	"	"	
Methylene chloride	ND	500	"	"	"	"	"	"	
Naphthalene	ND	120	"	"	"	"	"	"	
n-Propylbenzene	ND	120	"	"	"	"	"	"	
Styrene	ND	120	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	120	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	120	"	"	"	"	"	"	
Tetrachloroethene	ND	120	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	120	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	120	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	120	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	120	"	"	"	"	"	"	
Trichloroethene	ND	120	"	"	"	"	"	"	
Trichlorofluoromethane	ND	120	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	120	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	120	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	210	120	"	"	"	"	"	"	
Vinyl chloride	ND	120	"	"	"	"	"	"	
Benzene	ND	120	"	"	"	"	"	"	
Toluene	ND	120	"	"	"	"	"	"	
Ethylbenzene	ND	120	"	"	"	"	"	"	
m,p-Xylene	ND	250	"	"	"	"	"	"	
o-Xylene	ND	120	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	500	"	"	"	"	"	"	
Tert-butyl alcohol	ND	1200	"	"	"	"	"	"	
Di-isopropyl ether	ND	500	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	500	"	"	"	"	"	"	
Acetone	ND	120	"	"	"	"	"	"	
Methyl ethyl ketone	ND	250	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-2-1
T231357-03 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

R-07

Methyl isobutyl ketone	ND	250	ug/kg	50	23E0419	05/23/23	05/26/23	EPA 8260B	
2-Hexanone (MBK)	ND	120	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	81.9-128		"	"	"	"	
Surrogate: Dibromofluoromethane		93.1 %	73-126		"	"	"	"	
Surrogate: Toluene-d8		97.1 %	80.4-121		"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-2-3
T231357-04 (Soil)

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

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	23E0420	05/23/23	05/24/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	240	10	"	"	"	"	"	"	D-06
<i>Surrogate: p-Terphenyl</i>		98.0 %		65-135	"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23E0421	05/23/23	05/24/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	2.0	"	"	"	"	"	"	
Barium	86	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	9.4	2.0	"	"	"	"	"	"	
Cobalt	6.3	2.0	"	"	"	"	"	"	
Copper	6.2	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	4.0	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	28	5.0	"	"	"	"	"	"	
Zinc	24	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23E0426	05/23/23	05/24/23	EPA 7471A Soil	
---------	----	------	-------	---	---------	----------	----------	-------------------	--

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-2-3
T231357-04 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-2-3
T231357-04 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

trans-1,3-Dichloropropene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Acetone	ND	2.5	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-2-3
T231357-04 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methyl isobutyl ketone	ND	5.0	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	81.9-128		"	"	"	"	
Surrogate: Dibromofluoromethane		93.6 %	73-126		"	"	"	"	
Surrogate: Toluene-d8		99.3 %	80.4-121		"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-3-1
T231357-05 (Soil)

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

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	200	mg/kg	20	23E0420	05/23/23	05/24/23	EPA 8015B	R-07
C13-C28 (DRO)	2900	200	"	"	"	"	"	"	D-09, R-07
C29-C40 (MORO)	66000	200	"	"	"	"	"	"	D-06, R-07
Surrogate: <i>p</i> -Terphenyl		87.7 %		65-135	"	"	"	"	R-07

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23E0421	05/23/23	05/24/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	23	2.0	"	"	"	"	"	"	
Barium	27	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	05/24/23	"	
Cadmium	ND	2.0	"	"	"	"	05/24/23	"	
Chromium	4.6	2.0	"	"	"	"	"	"	
Cobalt	2.9	2.0	"	"	"	"	"	"	
Copper	6.3	1.0	"	"	"	"	"	"	
Lead	5.1	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	6.5	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	15	5.0	"	"	"	"	"	"	
Zinc	90	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23E0426	05/23/23	05/24/23	EPA 7471A Soil	
---------	----	------	-------	---	---------	----------	----------	-------------------	--

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-3-1
T231357-05 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-3-1
T231357-05 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

trans-1,3-Dichloropropene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	38	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Acetone	15	2.5	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-3-1
T231357-05 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methyl isobutyl ketone	ND	5.0	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	81.9-128		"	"	"	"	
Surrogate: Dibromofluoromethane		98.4 %	73-126		"	"	"	"	
Surrogate: Toluene-d8		95.6 %	80.4-121		"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-3-3
T231357-06 (Soil)

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

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	23E0420	05/23/23	05/24/23	EPA 8015B	
C13-C28 (DRO)	20	10	"	"	"	"	"	"	D-09
C29-C40 (MORO)	340	10	"	"	"	"	"	"	D-06
Surrogate: <i>p</i> -Terphenyl		83.2 %		65-135	"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23E0421	05/23/23	05/24/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	2.0	"	"	"	"	"	"	
Barium	110	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	12	2.0	"	"	"	"	"	"	
Cobalt	8.1	2.0	"	"	"	"	"	"	
Copper	8.3	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	5.7	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	34	5.0	"	"	"	"	"	"	
Zinc	31	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23E0426	05/23/23	05/24/23	EPA 7471A Soil	
---------	----	------	-------	---	---------	----------	----------	-------------------	--

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-3-3

T231357-06 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

SB-3-3
T231357-06 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

trans-1,3-Dichloropropene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Acetone	ND	2.5	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc. 211 West Avenida Cordoba, Suite 200 San Clemente CA, 92672	Project: Patterson & Cajalco Project Number: [none] Project Manager: Gage Costales	Reported: 05/26/23 17:00
---	--	-----------------------------

SB-3-3
T231357-06 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methyl isobutyl ketone	ND	5.0	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		107 %	81.9-128		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		99.0 %	73-126		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.7 %	80.4-121		"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

GS-1

T231357-07 (Soil)

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

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	23E0420	05/23/23	05/24/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	120	10	"	"	"	"	"	"	D-06
<i>Surrogate: p-Terphenyl</i>		95.8 %		65-135	"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23E0421	05/23/23	05/24/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	2.0	"	"	"	"	"	"	
Barium	87	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	05/24/23	"	
Cadmium	ND	2.0	"	"	"	"	05/24/23	"	
Chromium	8.5	2.0	"	"	"	"	"	"	
Cobalt	5.6	2.0	"	"	"	"	"	"	
Copper	6.8	1.0	"	"	"	"	"	"	
Lead	3.3	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	3.6	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
Vanadium	28	5.0	"	"	"	"	"	"	
Zinc	25	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23E0426	05/23/23	05/24/23	EPA 7471A Soil	
---------	----	------	-------	---	---------	----------	----------	-------------------	--

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

GS-1

T231357-07 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

GS-1

T231357-07 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

trans-1,3-Dichloropropene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Acetone	ND	2.5	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

GS-1

T231357-07 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methyl isobutyl ketone	ND	5.0	ug/kg	1	23E0419	05/23/23	05/23/23	EPA 8260B	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	81.9-128		"	"	"	"	
Surrogate: Dibromofluoromethane		95.2 %	73-126		"	"	"	"	
Surrogate: Toluene-d8		99.0 %	80.4-121		"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

GS-2

T231357-08 (Soil)

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

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	23E0420	05/23/23	05/24/23	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	110	10	"	"	"	"	"	"	D-06
<i>Surrogate: p-Terphenyl</i>		81.2 %		65-135	"	"	"	"	

Metals by EPA 6010B

Antimony	ND	4.0	mg/kg	1	23E0421	05/23/23	05/24/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	05/24/23	"	
Arsenic	ND	2.0	"	"	"	"	05/24/23	"	
Barium	110	1.0	"	"	"	"	05/24/23	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	05/24/23	"	
Chromium	13	2.0	"	"	"	"	05/24/23	"	
Cobalt	8.9	2.0	"	"	"	"	05/24/23	"	
Copper	7.3	1.0	"	"	"	"	05/24/23	"	
Lead	ND	3.0	"	"	"	"	05/24/23	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	4.8	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	05/24/23	"	
Vanadium	43	5.0	"	"	"	"	"	"	
Zinc	33	1.0	"	"	"	"	"	"	

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	0.10	mg/kg	1	23E0426	05/23/23	05/24/23	EPA 7471A Soil	
---------	----	------	-------	---	---------	----------	----------	-------------------	--

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

GS-2

T231357-08 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Bromobenzene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/24/23	EPA 8260B	
Bromochloromethane	ND	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	2.5	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

GS-2

T231357-08 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

trans-1,3-Dichloropropene	ND	2.5	ug/kg	1	23E0419	05/23/23	05/24/23	EPA 8260B	
Hexachlorobutadiene	ND	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
Naphthalene	ND	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	ND	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Acetone	ND	2.5	"	"	"	"	"	"	
Methyl ethyl ketone	ND	5.0	"	"	"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

GS-2

T231357-08 (Soil)

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

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Methyl isobutyl ketone	ND	5.0	ug/kg	1	23E0419	05/23/23	05/24/23	EPA 8260B	
2-Hexanone (MBK)	ND	2.5	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	81.9-128		"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	73-126		"	"	"	"	
Surrogate: Toluene-d8		100 %	80.4-121		"	"	"	"	

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

Extractable Petroleum Hydrocarbons by 8015B - Quality Control

SunStar Laboratories, Inc.

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

Batch 23E0420 - EPA 3550B GC

Blank (23E0420-BLK1)

Prepared & Analyzed: 05/23/23

C6-C12 (GRO)	ND	10	mg/kg							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
Surrogate: <i>p</i> -Terphenyl	95.8		"	100		95.8	65-135			

LCS (23E0420-BS1)

Prepared & Analyzed: 05/23/23

C13-C28 (DRO)	470	10	mg/kg	500		94.9	75-125			
Surrogate: <i>p</i> -Terphenyl	99.3		"	100		99.3	65-135			

LCS Dup (23E0420-BSD1)

Prepared & Analyzed: 05/23/23

C13-C28 (DRO)	450	10	mg/kg	500		90.9	75-125	4.29	20	
Surrogate: <i>p</i> -Terphenyl	81.4		"	100		81.4	65-135			

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

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

Batch 23E0421 - EPA 3050B

Blank (23E0421-BLK1)

Prepared: 05/23/23 Analyzed: 05/24/23

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

LCS (23E0421-BS1)

Prepared: 05/23/23 Analyzed: 05/24/23

Arsenic	102	2.0	mg/kg	100		102	75-125
Barium	104	1.0	"	100		104	75-125
Cadmium	104	2.0	"	100		104	75-125
Chromium	104	2.0	"	100		104	75-125
Lead	104	3.0	"	100		104	75-125

Matrix Spike (23E0421-MS1)

Source: T231355-01

Prepared: 05/23/23 Analyzed: 05/24/23

Arsenic	92.6	2.0	mg/kg	100	ND	92.6	75-125
Barium	127	1.0	"	100	33.3	93.7	75-125
Cadmium	93.0	2.0	"	100	ND	93.0	75-125
Chromium	106	2.0	"	100	12.0	94.1	75-125
Lead	92.6	3.0	"	100	3.86	88.7	75-125

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

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

Batch 23E0421 - EPA 3050B

Matrix Spike Dup (23E0421-MSD1)

Source: T231355-01

Prepared: 05/23/23 Analyzed: 05/24/23

Arsenic	84.9	2.0	mg/kg	100	ND	84.9	75-125	8.70	20	
Barium	329	1.0	"	100	33.3	296	75-125	88.6	20	QM-07
Cadmium	83.8	2.0	"	100	ND	83.8	75-125	10.4	20	
Chromium	96.1	2.0	"	100	12.0	84.2	75-125	9.85	20	
Lead	85.1	3.0	"	100	3.86	81.2	75-125	8.46	20	

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

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

Batch 23E0426 - EPA 7471A Soil

Blank (23E0426-BLK1)

Prepared: 05/23/23 Analyzed: 05/24/23

Mercury ND 0.10 mg/kg

LCS (23E0426-BS1)

Prepared: 05/23/23 Analyzed: 05/24/23

Mercury 0.364 0.10 mg/kg 0.410 88.8 80-120

Matrix Spike (23E0426-MS1)

Source: T231355-01

Prepared: 05/23/23 Analyzed: 05/24/23

Mercury 0.372 0.10 mg/kg 0.397 ND 93.9 80-120

Matrix Spike Dup (23E0426-MSD1)

Source: T231355-01

Prepared: 05/23/23 Analyzed: 05/24/23

Mercury 0.340 0.10 mg/kg 0.385 ND 88.3 80-120 9.20 20

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

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

Batch 23E0419 - EPA 5030 GCMS

Blank (23E0419-BLK1)

Prepared & Analyzed: 05/23/23

Bromobenzene	ND	2.5	ug/kg
Bromochloromethane	ND	2.5	"
Bromodichloromethane	ND	2.5	"
Bromoform	ND	2.5	"
Bromomethane	ND	2.5	"
n-Butylbenzene	ND	2.5	"
sec-Butylbenzene	ND	2.5	"
tert-Butylbenzene	ND	2.5	"
Carbon tetrachloride	ND	2.5	"
Chlorobenzene	ND	2.5	"
Chloroethane	ND	2.5	"
Chloroform	ND	2.5	"
Chloromethane	ND	2.5	"
2-Chlorotoluene	ND	2.5	"
4-Chlorotoluene	ND	2.5	"
Dibromochloromethane	ND	2.5	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane (EDB)	ND	2.5	"
Dibromomethane	ND	2.5	"
1,2-Dichlorobenzene	ND	2.5	"
1,3-Dichlorobenzene	ND	2.5	"
1,4-Dichlorobenzene	ND	2.5	"
Dichlorodifluoromethane	ND	2.5	"
1,1-Dichloroethane	ND	2.5	"
1,2-Dichloroethane	ND	2.5	"
1,1-Dichloroethene	ND	2.5	"
cis-1,2-Dichloroethene	ND	2.5	"
trans-1,2-Dichloroethene	ND	2.5	"
1,2-Dichloropropane	ND	2.5	"
1,3-Dichloropropane	ND	2.5	"
2,2-Dichloropropane	ND	2.5	"
1,1-Dichloropropene	ND	2.5	"
cis-1,3-Dichloropropene	ND	2.5	"
trans-1,3-Dichloropropene	ND	2.5	"
Hexachlorobutadiene	ND	2.5	"
Isopropylbenzene	ND	2.5	"
p-Isopropyltoluene	ND	2.5	"

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.

Rebecca Traficante, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

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

Batch 23E0419 - EPA 5030 GCMS

Blank (23E0419-BLK1)

Prepared & Analyzed: 05/23/23

Methylene chloride	ND	10	ug/kg							
Naphthalene	ND	2.5	"							
n-Propylbenzene	ND	2.5	"							
Styrene	ND	2.5	"							
1,1,2,2-Tetrachloroethane	ND	2.5	"							
1,1,1,2-Tetrachloroethane	ND	2.5	"							
Tetrachloroethene	ND	2.5	"							
1,2,3-Trichlorobenzene	ND	2.5	"							
1,2,4-Trichlorobenzene	ND	2.5	"							
1,1,2-Trichloroethane	ND	2.5	"							
1,1,1-Trichloroethane	ND	2.5	"							
Trichloroethene	ND	2.5	"							
Trichlorofluoromethane	ND	2.5	"							
1,2,3-Trichloropropane	ND	2.5	"							
1,3,5-Trimethylbenzene	ND	2.5	"							
1,2,4-Trimethylbenzene	ND	2.5	"							
Vinyl chloride	ND	2.5	"							
Benzene	ND	2.5	"							
Toluene	ND	2.5	"							
Ethylbenzene	ND	2.5	"							
m,p-Xylene	ND	5.0	"							
o-Xylene	ND	2.5	"							
Tert-amyl methyl ether	ND	10	"							
Tert-butyl alcohol	ND	25	"							
Di-isopropyl ether	ND	10	"							
Ethyl tert-butyl ether	ND	10	"							
Methyl tert-butyl ether	ND	10	"							
Acetone	ND	2.5	"							
Methyl ethyl ketone	ND	5.0	"							
Methyl isobutyl ketone	ND	5.0	"							
2-Hexanone (MBK)	ND	2.5	"							
Surrogate: 4-Bromofluorobenzene	52.9		"	50.0		106	81.9-128			
Surrogate: Dibromofluoromethane	51.6		"	50.0		103	73-126			
Surrogate: Toluene-d8	48.6		"	50.0		97.1	80.4-121			

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
 211 West Avenida Cordoba, Suite 200
 San Clemente CA, 92672

Project: Patterson & Cajalco
 Project Number: [none]
 Project Manager: Gage Costales

Reported:
 05/26/23 17:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

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

Batch 23E0419 - EPA 5030 GCMS

LCS (23E0419-BS1)

Prepared & Analyzed: 05/23/23

Chlorobenzene	60.2	2.5	ug/kg	50.0		120	65.2-124			
1,1-Dichloroethene	61.9	2.5	"	50.0		124	60.9-131			
Trichloroethene	59.4	2.5	"	50.0		119	62.1-126			
Benzene	58.6	2.5	"	50.0		117	65.3-127			
Toluene	56.8	2.5	"	50.0		114	64.3-122			
Surrogate: 4-Bromofluorobenzene	50.8		"	50.0		102	81.9-128			
Surrogate: Dibromofluoromethane	48.8		"	50.0		97.7	73-126			
Surrogate: Toluene-d8	49.2		"	50.0		98.5	80.4-121			

Matrix Spike (23E0419-MS1)

Source: T231355-01

Prepared: 05/23/23 Analyzed: 05/24/23

Chlorobenzene	39.3	2.5	ug/kg	50.0	ND	78.7	65.2-125			
1,1-Dichloroethene	44.4	2.5	"	50.0	ND	88.8	60.9-131			
Trichloroethene	41.4	2.5	"	50.0	ND	82.9	62.1-126			
Benzene	41.7	2.5	"	50.0	ND	83.4	65.3-127			
Toluene	38.3	2.5	"	50.0	ND	76.5	64.3-125			
Surrogate: 4-Bromofluorobenzene	51.2		"	50.0		102	81.9-128			
Surrogate: Dibromofluoromethane	51.5		"	50.0		103	73-126			
Surrogate: Toluene-d8	49.0		"	50.0		97.9	80.4-121			

Matrix Spike Dup (23E0419-MSD1)

Source: T231355-01

Prepared: 05/23/23 Analyzed: 05/24/23

Chlorobenzene	45.1	2.5	ug/kg	50.0	ND	90.2	65.2-125	13.6	20	
1,1-Dichloroethene	49.4	2.5	"	50.0	ND	98.8	60.9-131	10.6	20	
Trichloroethene	46.3	2.5	"	50.0	ND	92.6	62.1-126	11.1	20	
Benzene	47.0	2.5	"	50.0	ND	94.1	65.3-127	12.1	20	
Toluene	44.0	2.5	"	50.0	ND	88.0	64.3-125	14.0	20	
Surrogate: 4-Bromofluorobenzene	51.5		"	50.0		103	81.9-128			
Surrogate: Dibromofluoromethane	50.0		"	50.0		100	73-126			
Surrogate: Toluene-d8	49.1		"	50.0		98.2	80.4-121			

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.

Rebecca Traficanto, Project Manager



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

Hazard Management Consulting, Inc.
211 West Avenida Cordoba, Suite 200
San Clemente CA, 92672

Project: Patterson & Cajalco
Project Number: [none]
Project Manager: Gage Costales

Reported:
05/26/23 17:00

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 affect.
- R-03 The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- 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.
- D-09 Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
- D-06 The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

SunStar Laboratories, Inc.

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.

Rebecca Traficante, Project Manager

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T231357
 Client Name: Hazard Management Consulting, Inc. Project: Patterson & Cajalco

Delivered by: Client SunStar Courier GLS FedEx Other

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

Lab Received by: Dave Date/Time Lab Received: 5-22-23 113

Total number of coolers received: 1 Thermometer ID: SC-1 Calibration due : 8/2/23

Temperature:	Cooler #1 <u>1.3</u>	°C +/- the CF (+ 0.1°C) = <u>1.4</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
Temperature criteria = ≤ 6°C (no frozen containers)		Within criteria?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
If NO:			
Samples received on ice?		<input type="checkbox"/> Yes	<input type="checkbox"/> No → Complete Non-Conformance Sheet
If on ice, samples received same day collected?		<input type="checkbox"/> Yes → Acceptable	<input type="checkbox"/> No → Complete Non-Conformance Sheet

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

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: DB 5-22-23

Comments:

WORK ORDER

T231357

Client: Hazard Management Consulting, Inc.
Project: Patterson & Cajalco

Project Manager: Rebecca Traficanto
Project Number: [none]

Report To:

Hazard Management Consulting, Inc.
 Gage Costales
 211 West Avenida Cordoba, Suite 200
 San Clemente, CA 92672

Date Due: 05/30/23 17:00 (5 day TAT)

Received By: Dave Berner

Date Received: 05/22/23 11:13

Logged In By: Irma Vela

Date Logged In: 05/23/23 12:08

Samples Received at: 1.4°C
 Custody Seals No Received On Ice Yes
 Containers Intact Yes
 COC/Labels Agree Yes
 Preservation Confirmed Yes

Analysis	Due	TAT	Expires	Comments
----------	-----	-----	---------	----------

T231357-01 SB-1-1 [Soil] Sampled 05/22/23 09:22 (GMT-08:00) Pacific Time (US &

6010 Title 22	05/30/23 15:00	5	11/18/23 09:22	
8015 Carbon Chain	05/25/23 15:00	3	06/05/23 09:22	
8260+OXY	05/25/23 15:00	3	06/05/23 09:22	

T231357-02 SB-1-3 [Soil] Sampled 05/22/23 09:28 (GMT-08:00) Pacific Time (US &

6010 Title 22	05/30/23 15:00	5	11/18/23 09:28	
8015 Carbon Chain	05/25/23 15:00	3	06/05/23 09:28	
8260+OXY	05/25/23 15:00	3	06/05/23 09:28	

T231357-03 SB-2-1 [Soil] Sampled 05/22/23 09:34 (GMT-08:00) Pacific Time (US &

6010 Title 22	05/30/23 15:00	5	11/18/23 09:34	
8015 Carbon Chain	05/25/23 15:00	3	06/05/23 09:34	
8260+OXY	05/25/23 15:00	3	06/05/23 09:34	

T231357-04 SB-2-3 [Soil] Sampled 05/22/23 09:37 (GMT-08:00) Pacific Time (US &

6010 Title 22	05/30/23 15:00	5	11/18/23 09:37	
8015 Carbon Chain	05/25/23 15:00	3	06/05/23 09:37	
8260+OXY	05/25/23 15:00	3	06/05/23 09:37	

WORK ORDER

T231357

Client: Hazard Management Consulting, Inc.	Project Manager: Rebecca Traficanto
Project: Patterson & Cajalco	Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T231357-05 SB-3-1 [Soil] Sampled 05/22/23 09:50 (GMT-08:00) Pacific Time (US &				
6010 Title 22	05/30/23 15:00	5	11/18/23 09:50	
8015 Carbon Chain	05/25/23 15:00	3	06/05/23 09:50	
8260+OXY	05/25/23 15:00	3	06/05/23 09:50	

T231357-06 SB-3-3 [Soil] Sampled 05/22/23 09:55 (GMT-08:00) Pacific Time (US &				
6010 Title 22	05/30/23 15:00	5	11/18/23 09:55	
8015 Carbon Chain	05/25/23 15:00	3	06/05/23 09:55	
8260+OXY	05/25/23 15:00	3	06/05/23 09:55	

T231357-07 GS-1 [Soil] Sampled 05/22/23 10:00 (GMT-08:00) Pacific Time (US &				
6010 Title 22	05/30/23 15:00	5	11/18/23 10:00	
8015 Carbon Chain	05/25/23 15:00	3	06/05/23 10:00	
8260+OXY	05/25/23 15:00	3	06/05/23 10:00	

T231357-08 GS-2 [Soil] Sampled 05/22/23 10:05 (GMT-08:00) Pacific Time (US &				
6010 Title 22	05/30/23 15:00	5	11/18/23 10:05	
8015 Carbon Chain	05/25/23 15:00	3	06/05/23 10:05	
8260+OXY	05/25/23 15:00	3	06/05/23 10:05	

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