



Phase II Environmental Site Assessment

Hawthorns Area
4411 Alpine Road and 800 Los Trancos Road
Portola Valley, California

prepared for

Midpeninsula Regional Open Space District
330 Distel Circle
Los Altos, California 94022

prepared by

Rincon Consultants, Inc.

July 13, 2022

July 13, 2022

Project No.: 22-12562

Aaron Hebert
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330 Distel Circle
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Via email: ahebert@openspace.org

**Subject: Phase II Environmental Site Assessment, 4411 Alpine Road and 800 Los Trancos Road,
Portola Valley, California**

Dear Mr. Hebert:

This report presents the findings of a Phase II Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. (Rincon) for the Hawthorns Area property located at 4411 Alpine Road and 800 Los Trancos Road in Portola Valley, California. The Phase II ESA was performed in accordance with Rincon's proposal dated April 28, 2022.

Thank you for selecting Rincon for this project. If you have any questions, or if Rincon can be of any future assistance, please contact us.

Sincerely,
Rincon Consultants, Inc.



This document has
been digitally signed
and sealed by
Alex Cruz, PG on July
13, 2022.

Alex Cruz, PG
Senior Environmental Geologist



This document has
been digitally signed
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Ryan Thacher, PhD, PE
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Ryan Thacher, PhD, PE
Director

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1 Introduction and Background

This report presents the findings of a Phase II Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. (Rincon) for the Hawthorns Area property located at 4411 Alpine Road and 800 Los Trancos Road in Portola Valley, California (Figure 1; site). The site currently comprises vacant land/open space (former agricultural land), and several vacant buildings, including a garage, two residences, and a barn (Figure 2).

The Phase II ESA was prepared for the Midpeninsula Regional Open Space District (Midpeninsula) to evaluate the Recognized Environmental Conditions (RECs) and select notable findings identified in the Phase I ESA prepared for the site (Rincon 2022), which are summarized below:

Recognized Environmental Conditions

1. Former agricultural use of the subject property
2. Drums, solid waste/debris, and other hazardous material containers observed at the onsite garage, dog sheds, lower barn, horse sheds, and Hawthorn House

Notable Findings

1. Historic car storage areas at the central, eastern, and southeastern portions of the subject property
2. Former structures at the subject property

Except for the Phase I ESA, Rincon is unaware of any additional site assessments or environmental evaluations conducted at the site.

Rincon understands that Midpeninsula intends to open the site for public access and recreation. The purpose of the Phase II ESA was to evaluate onsite environmental conditions to support the opening of the site.

1.1 Site and Historical Uses

The site is an approximately 79-acre parcel located southeast of Alpine Road and west of Los Trancos Road in Portola Valley, California (Figure 1), identified as 4411 Alpine Road and 800 Los Trancos Road, and Assessor's Parcel Numbers (APNs) 079-080-050, -080, -090. The site is located in an area that is primarily composed of residential and commercial land uses. Properties in the vicinity of the subject property include single-family residences, various commercial businesses, and open space.

The site was historically a private estate with limited agricultural operations, such as an olive grove; it is unknown when these operations ceased. Previous ownership is believed to extend to the late 1800s, and Midpeninsula acquired the property in 2011. Several vacant buildings are present at the eastern and southeastern portions of the site, including a barn, a vacant single-family residence, and a garage. Additionally, an occupied, single-family residence exists at the central portion of the site (4411 Alpine Road).

1.2 Physical Setting

Topography

The current USGS topographic map (Mindego Hill and Palo Alto Quadrangles 2015) indicates that the site is situated at an elevation of approximately 600 to 720 feet above mean sea level with topography sloping down to the north, northeast, and east. The adjacent topography consists of hills.

Geology and Hydrogeology

According to the current USGS Geologic Map (Dibblee and Minch 2007), the site is underlain by alluvial gravel, sand, and clay of valley areas, and by greenstone (metabasalt).

During the preparation of this Phase I ESA, Rincon reviewed the California State Water Resource Control Board's online GeoTracker database to determine groundwater flow direction in the vicinity of the site. Groundwater is reported to be present at 2 feet below ground surface (ft bgs) and flows toward the northeast at a site¹ located approximately 200 feet to the northwest of the subject property; groundwater is reported to be present at 7 feet bgs and flows toward the northwest at a site² located approximately 350 feet to the northwest of the subject property. Depth to groundwater is expected to vary significantly with topography.

Rincon did not encounter groundwater during this Phase II ESA.

¹ https://documents.geotracker.waterboards.ca.gov/esi/uploads/geo_report/9392468392/T0608100565.PDF

² https://geotracker.waterboards.ca.gov/site_documents/2575367569/450010_135%20Portola%20Rd%2C%20Portola%20Valley.pdf

2 Regulatory Setting and Screening Levels

The site is located in San Mateo County, within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) and the San Mateo County Health Department's Groundwater Protection Program. However, the site is not currently enrolled in an oversight program.

Environmental Screening Levels (ESLs) were established by the SFBRWQCB for chemicals commonly found in soil, groundwater, soil vapor, and air at sites where releases of hazardous chemicals may have occurred. ESLs are considered to be health-conservative concentration thresholds designed to be protective of the environment and human health. Under most circumstances, the presence of a chemical in soil, soil vapor, groundwater, or ambient air at concentrations below the corresponding ESL can be assumed to not pose a significant, long term (chronic) threat to human health or the environment (SFBRWQCB 2019). Additional evaluation will generally be necessary at sites where a chemical is present at concentrations above the corresponding ESL. Active remediation may or may not be required depending on site specific conditions and considerations.

Contaminant levels in soil samples are compared to the Tier 1, Residential, Commercial/Industrial, and Construction Worker ESLs to assess the risk to receptors associated with each exposure scenario. If an analyte exceeds the Construction Worker ESL, a health risk is assumed to exist if subsurface work will be performed in the impacted areas. However, because the planned site use will be recreational, Commercial/Industrial ESLs will be the thresholds primarily driving the decision-making process with respect to remediation and/or mitigation.

Because metals can be naturally occurring at elevated concentrations in the environment, metals are commonly compared to regional Background Levels when Background Levels exceed risk-based screening levels. A commonly used reference that lists estimates of naturally occurring concentrations of metals in California soil is a Kearney Foundation of Soil Science special report (Kearney 1996). Arsenic concentrations in soil samples collected at the site, which are typically naturally elevated throughout California relative to ESLs, were compared to Background Levels described in the Kearney Foundation special report.

Hazardous waste thresholds are not risk-based, but may affect soil disposal and handling procedures. Soil matrix samples with total metals detected at a concentration exceeding ten times the soluble threshold limit concentration (STLC) Threshold (STLC Screening Criteria) typically warrant STLC analysis by the waste extraction test (WET) method. Exceeding the STLC threshold classifies the material as non-Resource Conservation and Recovery Act (RCRA) California hazardous waste, requiring special disposal procedures. Soil matrix samples with total metals detected at a concentration exceeding twenty times the STLC Threshold (toxicity characteristic leaching procedure [TCLP] Screening Criteria), or a soluble metal concentration above the STLC, typically undergo TCLP analysis. Exceeding the TCLP threshold qualifies the material as RCRA hazardous waste by Federal standards and requires special disposal procedures.

3 Site Assessment

The Phase I ESA identified RECs with the potential to impact onsite soil; therefore, to evaluate onsite environmental conditions, Rincon performed the following activities.

3.1 Sample Location Rationale

To evaluate the potential site impacts associated with the former onsite agricultural use; the drums, solid waste/debris, and other hazardous materials containers observed onsite; the onsite historic car storage areas; and the onsite former structures, Rincon advanced a total of 84 discrete borings onsite; however, a sub-set of these borings were incorporated into 4-point composite samples to achieve an average areal representation of soil conditions. Boring locations, including the general location of each 4-point composite sample, are illustrated on Figures 2a – 2b.

3.2 Completed Scope

The scope of work included the following:

- Performing soil boring mark outs and notifying Underground Service Alert (USA) (notification completed on May 18, 2022; Ticket # X213803426)
- Preparing a site-specific Health and Safety Plan (HASP)
- Advancing a total of 84 discrete soil borings for soil sample collection
- Analyzing samples for chemicals of potential concern
- Evaluating laboratory analytical results and comparing analyte concentrations to applicable screening levels
- Reporting findings of the site assessment

1.1 Sampling and Analytical Program

The soil sampling and analytical methods are described in this section.

1.1.1 Sampling Program

From May 23 through May 27, 2022, a total of 84 discrete borings were advanced with a hand auger to depths of up to 3 ft bgs. A sub-set of the samples collected from the 84 borings were incorporated into 4-point composite samples; therefore, a total of 57 samples were collected in accordance with the field procedures detailed in Appendix A. Samples were collected as summarized in Table I below:

Table I Sampling Program

Location/Area of Concern	Number of Borings	Boring Depth (ft bgs)	Soil Sample Depths (ft bgs)
Former Agricultural Areas	32	1	0.5 - 1 ¹
Dog Shed, Aboveground Storage Tank (AST), Horse Sheds, Partially-Demolished Shed (General Assessment Samples)	6	3	0 - 0.5 1 - 1.5 2.5 - 3
Garage	12 (including 10 step-out borings)	3 and 1 for step-outs	0 - 0.5 1 - 1.5 2.5 - 3 and 0.5 - 1 for step-outs
Historic Car Storage	32	1	0.5 - 1 ¹
Former Structures	2	1	0.5 - 1

¹ To assess areas with broad potential impacts, 4-point composite samples were collected and homogenized in the field.

Boring logs were not generated as part of field program. The global positioning system (GPS) coordinates were recorded with a unit having sub-meter accuracy.

Variances

The sampling program was performed in accordance with the scope of work presented in the April 28, 2022, proposal; there were no variances.

1.1.2 Analytical Program

Soil matrix, soil vapor, and quality assurance/quality control (QA/QC) samples were transported under chain-of-custody protocol to the analytical laboratory. Sample analysis took a tiered approach, wherein shallow samples (0 – 0.5 ft bgs) were analyzed first; deeper samples (if collected) were not analyzed unless contaminants of concern (COC) were detected in the shallow samples above Commercial/Industrial ESLs.

The analytical program, including the USA Environmental Protection Agency analytical method, is summarized on Table II below:

Phase II Environmental Site Assessment**Table II Analytical Program with Analyzed Sample Depths and Analytical Methods**

Location/Area of Concern	Boring ID (R-XX)	Asbestos 435	CAM17 Metals 6010/7471A	OCPs 8081A	PCBs 8082	TPH-g-d-o 8015M	VOCs ¹ 8260B
Depths in feet below ground surface, and are the lowest of the sample interval (See Table I)							
Former Agricultural Areas	-19, 20, -21, -22, -25, -26, -27, -28	—	—	1	—	—	—
Dog Shed, AST, Horse Sheds, Partially-Demolished Shed (General Assessment Samples)	-3, -4, -5, -6, -7, -16	—	0.5	0.5	0.5	0.5	0.5
Garage	-12, -13, -14, -15	—	0.5	—	0.5	0.5	0.5
Historical Car Storage	-1, -2, -8, -9, -10, -11, -17, -24	—	1	—	1	1	—
Former Structures	-18, -23	1	1 ²	—	—	—	—

1 – VOCs sampled with EPA Method 5035 field preservation

2 – Samples collected from areas with former structures were only analyzed for total lead

EPA analytical method numbers included beneath analytes

OCPs – Organochlorine pesticides

PCBs – Polychlorinated biphenyls

TPH – Total petroleum hydrocarbons in the gasoline (-g), diesel (-d), and motor oil (-o) ranges

VOCs – Volatile organic compounds

Select metals results exceeded either the STLC or TCLP Screening Criteria. All detected chromium concentrations, and select lead concentrations, exceeded the STLC and/or TCLP Screening Criteria. Evaluating each sample that exceeded the STLC/TCLP Screening Criteria was not feasible; therefore, to generally characterize soil for waste disposal purposes, a subset of samples that exceeded the STLC and/or TCLP Screening Criteria were subject to solubility testing.

1.1.3 Investigation Derived Waste and Backfilling

Decontamination water was disposed offsite. Each boring was backfilled with soil cuttings to ground surface.

1.2 Analytical Results

All soil matrix samples were analyzed by Pace Analytical (Pace) in Bakersfield, California, a laboratory certified by the California Department of Health Services Lab Accreditation Program (ELAP; Pace ELAP #1186). Analytical results are included in this Phase II ESA as Appendix B.

The analytical laboratory was required to report both the method detection limit (MDL) and the practical quantitation limit (PQL) for every sample result. Per 40 CFR, part 136, Appendix C, the MDL is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The PQL is typically 2 to 10

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times the MDL. A detection between the MDL and the PQL is flagged by the laboratory (J flag) to indicate that the laboratory cannot reliably quantify the detection. Laboratories are required to report all detections and all data qualifiers. All non-detections were reported as not detected less than the value of the MDL.

1.2.1 Soil Matrix Analytical Results

Total Petroleum Hydrocarbons

TPH-g-d-o analytical results are summarized on Table 1.

TPH-g was not detected in any sample. TPH-d-o were detected in most analyzed samples; however, TPH-d-o concentrations were below the respective Tier 1 ESLs, which are below Commercial/Industrial ESLs.

MDL Analysis

All MDLs were below the Tier 1 ESLs for TPH-g-d-o.

CAM 17 Metals

Metals analytical results are summarized on Table 2; select metals analytical results are illustrated on Figure 3a – 3b.

Except for arsenic and lead, metals were not detected above Commercial/Industrial ESLs. Arsenic, cobalt, lead, and nickel were also detected in select samples above Construction Worker ESLs. Detected arsenic concentrations did not exceed the established Background Level (Kearney Foundation 1996).

Construction Worker ESLs are typically below Commercial/Industrial ESLs for metals. Metal detections that at least exceed Construction Worker ESLs are summarized in Table III below.

Table III Summary of Soil Metals ESL Exceedances

Constituent	Number of Borings with Concentrations that Exceed Construction Worker ESL (out of 31 borings)	Maximum Detected Concentration (mg/kg)	ESL Exceeded and ESL Value (mg/kg)
Cobalt	7	36 (RB-14 at 0.5')	Res. (23), CW. (28)
Lead	5	1700 (RB-13N1 at 1)	Res. (80), CW. (160), Com./Ind. (320)
Nickel	3	90 (RB-1 at 1')	CW. (86)

Res. = Residential ESL
CW. = Construction Worker ESL
Com./Ind. = Commercial/Industrial ESL
mg/kg = milligrams per kilogram

Select metals results exceeded either the STLC or TCLP Screening Criteria. The total lead concentration detected in RB-13N1 at 1 ft bgs exceeded 1,000 mg/kg, and therefore soil at this location is classified as non-RCRA hazardous waste. As discussed in Section 1.1.2, a subset of samples that exceeded the STLC and/or TCLP Screening Criteria were subject to solubility testing as summarized in Table IV.

Table IV Summary of STLC and TCLP Analytical Results

Analyte	Sample with Exceedance of Screening Criteria (Boring and feet bgs)	Total Concentration (mg/kg)	STLC Result (mg/L)	TCLP Result (mg/L)	Waste Classification
Lead	RB-9 at 1	67	1	—	Non-haz
	RB-12 at 0.5	79	0.31	—	Non-haz
	RB-13 at 0.5	240	12	<0.03	Non-RCRA
	RB-13E1 at 1	720	21	i	Non-RCRA
	RB-13N1 at 1	1700	—	0.75	Non-RCRA
	RB-18 at 1	410	3.3	—	Non-haz
Chromium ¹	RB-9 at 1	100	0.23	<0.0075	Non-haz
	RB-12 at 0.5	180	0.22	<0.0075	Non-haz
	RB-13 at 0.5	170	0.28	<0.0075	Non-haz
	RB-14 at 0.5	150	0.28	<0.0075	Non-haz
	RB-15 at 0.5	150	0.25	<0.0075	Non-haz
	RB-17 at 1	150	0.39	<0.0075	Non-haz

i = Insufficient material to run analysis; material uncharacterized with respect to RCRA hazardous waste

— = Analysis not warranted

bold = Result classifies as non-RCRA (California) hazardous waste

mg/L = milligrams per liter

Non-RCRA = Non-RCRA California hazardous waste

Non-haz = material is not classified as hazardous waste

MDL Analysis

All MDLs were below Commercial/Industrial and Construction Worker ESLs for metals.

Volatile Organic Compounds

Soil VOC analytical results are summarized on Table 3.

Most VOCs were not detected, and detected concentrations did not exceed Tier 1 ESLs, which are below Commercial/Industrial ESLs.

MDL Analysis

All MDLs were below Tier 1 ESLs for VOCs.

Organochlorine Pesticides

Soil OCP analytical results are summarized on Table 4.

Most OCPs were not detected, and detected concentrations were below Tier 1 ESLs, which are below Commercial/Industrial ESLs.

MDL Analysis

All MDLs were below Tier 1 ESLs for OCPs.

Polychlorinated Biphenyls

Soil PCB analytical results are summarized on Table 5.

Most PCBs were not detected, and detected concentrations were below Tier 1 ESLs, which are below Commercial/Industrial ESLs.

MDL Analysis

All MDLs were below Tier 1 ESLs for PCBs.

Asbestos

Asbestos was not detected in the analyzed soil samples.

3.2.1 QA/QC Analysis

Pace performed Level II data validation; analytical problems were reported in the laboratory reports. Analytical problems that have the potential to affect the data's usability are summarized in Table V below:

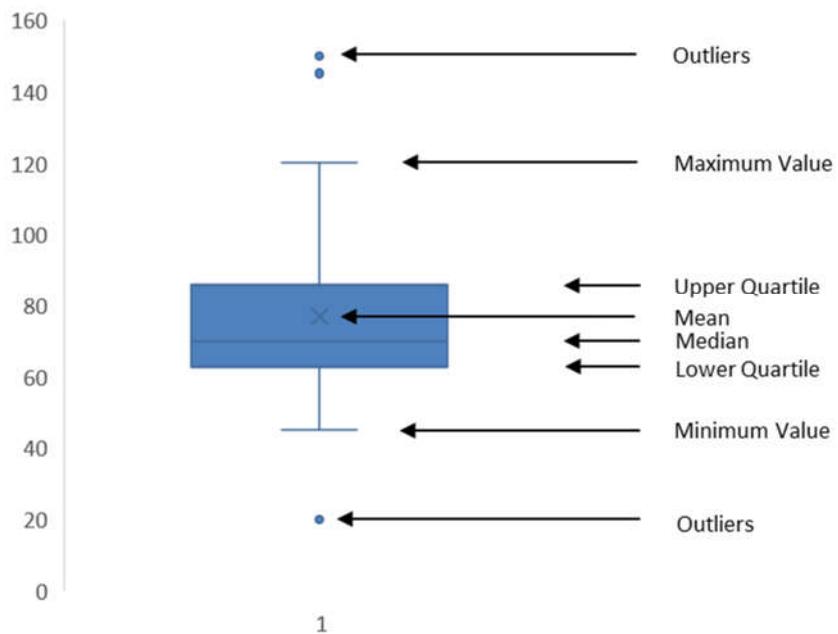
Table V QA/QC Analysis Matrix

Data Flag	Affected Results	Analysis
A10; Detection and quantitation limits were raised due to matrix interference	Multiple TPH-d-o, metals, and OCP results	Elevated MDLs, but data usable because MDLs were below applicable ESLs
A52; Chromatogram not typical of diesel	Multiple TPH-d results	Results may be biased high, but data usable because all TPH-d results were below applicable ESLs
A57; Chromatogram not typical of motor oil	Multiple TPH-o results	Results may be biased high, but data usable because all TPH-o results were below applicable ESLs
J; Analyte detected between the PQL and the MDL; estimated value	Multiple TPH-d-o, metals, OCP, and PCB results	Results are estimated, but data usable because the PQLs were below applicable ESLs
V11; The Continuing Calibration Verification (CCV) recovery was not within established control limits	Select OCP results	Reduced result precision, but data usable because detections and MDLs were orders of magnitude below applicable ESLs

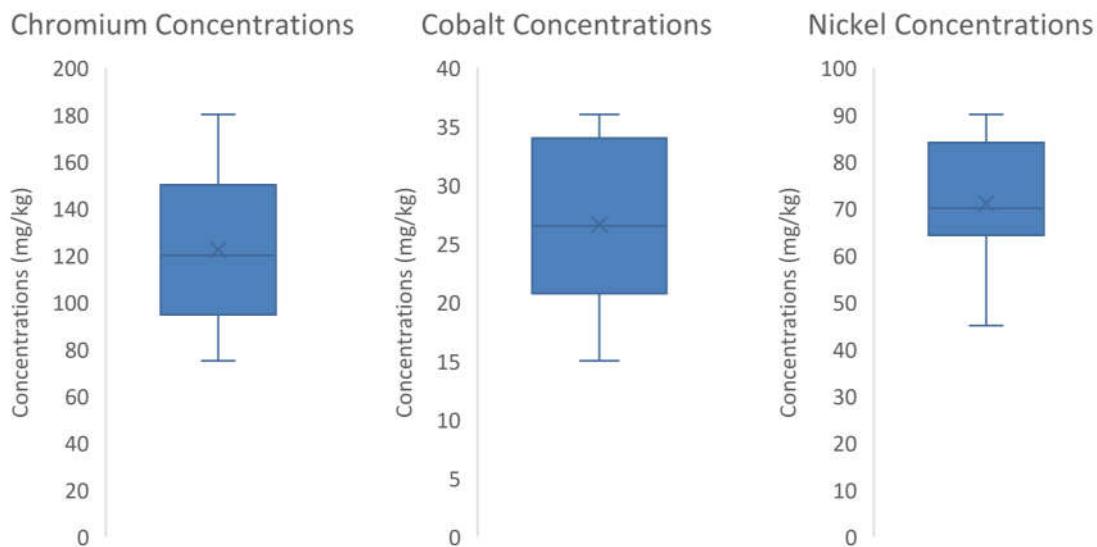
3.3 Background Metals Statistical Analysis

Nickel, cobalt, and chromium were detected at elevated concentrations relative to ESLs; however, all of the detected results lie within background levels for California (Kearny 1996). To statistically assess whether there were results within the onsite dataset that may be outliers, and therefore indicate anthropogenic concentrations, a box and whisker plot was created using all of the nickel, cobalt, and chromium results generated from the site. Box and whisker plots are graphical methods depicting quartiles that define the upper and lower limits beyond which any data are considered outliers, as illustrated below:

Example Box and Whisker Plot



The box and whisker plots for nickel, cobalt, and chromium are illustrated below:



As shown in the box and whisker plots above, no outliers were identified within the chromium, cobalt, or nickel results datasets.

4 Conclusions and Recommendations

Below are Rincon's conclusions based on the results of the Phase II ESA.

4.1 Conclusions

Except at the garage and at the location of a former structure (RB-18), onsite soil does not appear to be impacted by former land use activities to a degree that is expected to pose a human health risk to recreators. Due to elevated lead concentrations, soil at the garage and at RB-18 may pose a health risk to recreational and construction worker receptors in the event of direct exposure. The lead impacted area has not been delineated vertically or laterally.

At the garage, the impacts appear to extend to a depth of at least 3 ft bgs. Based on field observations, which included the presence of discolored soil, it is assumed that the area beneath the shade structure attached to the garage is impacted. Furthermore, soil classifying as non-RCRA hazardous waste due to soluble lead was detected in this area. Although only two of the six samples exceeding the TCLP Screening Criteria were analyzed, it is not anticipated that soil classifying as RCRA hazardous waste exists at this location.

Due to cobalt, lead, and nickel concentrations that exceed Construction Worker ESLs in select locations (Figure 3), a health risk may exist for construction workers conducting earthwork in the impacted areas.

Chromium, cobalt, and nickel concentrations appear to be elevated onsite relative to ESLs; however, the range of detections fall within established background levels, and statistical analysis did not identify outliers within the onsite dataset that may be indicative of an anthropogenic source. Therefore, the concentrations appear to be naturally elevated.

A limited number of samples with chromium concentrations exceeding the STLC/TCLP Screening Criteria were analyzed; however, based on the results, it is not anticipated that soluble chromium levels exceed hazardous waste screening criteria.

4.2 Recommendations

Except at the garage and at RB-18, no remediation, mitigation, or further assessment is recommended at this time because contaminants were not detected above Commercial/Industrial ESLs. Rincon understands that there is a possibility of residential development near the historic structures, in which case the more conservative Residential ESLs would apply in assessing health risks. If residential site uses are proposed, additional analysis and/or assessment are recommended.

Because cobalt, lead, and nickel exist onsite at concentrations that may pose a health-risk to construction workers, Rincon recommends that a Soil Management Plan (SMP) be prepared if subsurface work, or work with the potential to generate dust, will be performed in the impacted areas. The SMP would present procedures and methodologies to handle and dispose of impacted soil consistent with local, state, and federal regulations. Although select metals concentrations are naturally elevated, construction worker health should be protected as feasible in areas with metals impacts exceeding Construction Worker ESLs.

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Rincon recommends that the lead-impacted soil at the garage and RB-18 be remediated or mitigated prior to public opening to protect the health of recreators.

If Midpeninsula elects to remediate the site, the most feasible and cost-effective approach would likely be excavation with confirmation sampling and the off-site disposal of impacted soil. Mitigation options may include encapsulation of the impacted soil beneath an impermeable cap, the installation of a barrier that would reasonably prevent access to the area, or other engineering controls that would limit the risk of exposure to impacted soil.

Given that the impacts detected onsite are not mobile, appear to be spatially limited, and do not pose an immediate risk to human or environmental health, it is Rincon's opinion that remediation can be performed without agency oversight provided that remedial activities are coordinated and directed by a licensed environmental professional. However, if mitigation measures are pursued, Rincon recommends that they be enacted with agency oversight to ensure that an appropriate approach is properly implemented.

5 Limitations

This Report has been prepared for and is intended for the exclusive use of Midpeninsula. The contents of this report should not be relied upon by any other party without the written consent of Rincon Consultants, Inc.

Rincon's conclusions regarding the site are based on the results of this sampling program. It should be noted that the concentrations of contaminants measured at any given location may not be representative of conditions at other locations. Further, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions and other events. Conclusions regarding the condition of the site do not represent a warranty that all areas within the site are similar to those sampled.

6 References

- Dibblee, T.W and J.A. Minch. 2007. Geologic Map of the Mindego Hill Quadrangle, San Mateo, Santa Clara, and Santa Cruz Counties, California. Dibblee Geological Foundation, Dibblee Foundation Map DF-349, scale 1:24,000.
- Kearney Foundation. 1996. Background Concentrations of Trace and Major Elements in California Soils. Kearney Foundation of Soil Science, Division of Agriculture and Natural Resources, University of California. March 1996.
- Rincon Consultants, Inc. 2022. Phase I Environmental Site Assessment – Hawthorns Area, 4411 Alpine Road and 800 Las Trancos Road, Portola Valley, California. March 10, 2022.
- San Francisco Bay Regional Water Quality Control Board (SFB RWQCB). 2019. Environmental Screening Levels. July 2019.

Tables

Table 1: Soil Matrix Analytical Results - Total Petroleum Hydrocarbon

Boring ID	Sample Date	Sample Depth (ft. bgs)	TPH - Gasoline	TPH - Diesel	TPH - Motor Oil	
			mg/kg			
RB-1	05/23/2022	1	<5.0	<2.2	8.2 J, A57	
RB-2		1	<5.0	15 A52	28 A57	
RB-3		0.5	<10	55 A10, A52	240 A10, A57	
RB-4		0.5	<5.0	66 A52	120 A57	
RB-5		0.5	<5.0	55	160 A57	
RB-6		0.5	<5.0	<2.2	23 A57	
RB-7		0.5	<5.0	20 A52	170 A57	
RB-8		1	<5.0	8.4 J, A52	73 A57	
RB-9	05/24/2022	1	<5.0	34 A52	140 A57	
RB-10	05/23/2022	1	<5.0	46 A52	230 A57	
RB-11	05/24/2022	1	<5.0	16 A52	83 A57	
RB-12		0.5	<5.0	20 A52	210 A57	
RB-13		0.5	<25	53	700 A10, A57	
		1.5	--	--	--	
		3	--	--	--	
RB-13E1		1	--	--	--	
RB-13N1		1	--	--	--	
RB-13S		1	--	--	--	
RB-14		0.5	<5.0	<2.2	17 J, A57	
RB-15		0.5	<5.0	<2.2	<7.0	
RB-16		0.5	<5.0	6.3 J, A52	57 A57	
RB-17	05/25/2022	1	<5.0	12 A52	92 A57	
RB-18		1	--	--	--	
RB-19		1	--	--	--	
RB-20		1	--	--	--	
RB-21		1	--	--	--	
RB-22		1	--	--	--	
RB-23		1	--	--	--	
RB-24		1	<5.0	14 A52	230 A57	
RB-25		1	--	--	--	
RB-26		1	--	--	--	
RB-27		1	--	--	--	
RB-28		1	--	--	--	
Tier 1 ESLs			100	260	1,600	
Residential ESLs			430	260	12,000	
Construction Worker ESLs			1,800	1,100	54,000	
Commercial/Industrial ESLs			2,000	1,200	180,000	



Table 1: Soil Matrix Analytical Results - Total Petroleum Hydrocarbon

Notes

A10 - Detection and quantitation limits were raised due to matrix interference

A52 - Chromatogram not typical of diesel

A57 - Chromatogram not typical of motor oil

J - Analyte detected between the practical quantitation limit (PQL) and the method detection limit

RB-XX - sample collected from areas with historical car storage

RB-XX - sample collected from generic assessment area

RB-XX - sample collected from garage

RB-XX - sample collected from areas with historical structure

RB-XX - sample collected from areas with historical agricultural use

Definitions

bold - Analyte detected above method detection limit

< - Not detected above the method detection limit

TPH - Total petroleum hydrocarbons

mg/kg - milligrams per kilogram

ft. bgs - Feet below ground surface

-- - Not analyzed/not applicable

NE - Not established

ESLs - Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, July 2019, Revision 2

Tier 1 ESLs - ESLs for unrestricted land use at most sites

Residential ESLs - Residential:Shallow Soil Exposure ESLs - Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Construction Worker ESLs - Any Land Use/Any Depth Soil Exposure - Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Commercial/Industrial ESLs - Commercial/Industrial: Shallow Soil Exposure - Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Soil samples analyzed by Pace Laboratories

Analysis:

TPH-g by EPA Method 8021B/8015Bm; TPH-d and TPH-o by EPA Method 8015B



Table 2: Soil Matrix Analytical Results - Metals

Boring ID	Sample Date	Sample Depth (ft. bgs)	Antimony	Arsenic ¹	Barium	Beryllium	Cadmium	Chromium ²	Chromium (STLC)	Chromium (TCLP)	Cobalt	Copper	Lead	Lead (STLC)	Lead (TCLP)	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	
		mg/kg								mg/L		mg/kg		mg/L		mg/kg								
RB-1	05/23/2022	1	<0.66	5.3 A10	130 A10	0.49 J,A10	0.48 J,A10	120 A10	--	--	19 A10	44 A10	9.2 A10	--	--	0.068 J	1.6 J,A10	90 A10	<2.0	<0.13	<3.2	75 A10	69 A10	
		1	1.8 J,A10	3.3 A10	110 A10	0.49 J,A10	0.51 J,A10	130 A10	--	--	27 A10	52 A10	11 A10	--	--	0.049 J	1.4 J,A10	88 A10	<2.0	<0.13	<3.2	110 A10	63 A10	
		0.5	1 J,A10	2.1 A10	72 A10	0.43 J,A10	0.82 J,A10	120 A10	--	--	26 A10	61 A10	23 A10	--	--	0.074 J	1.2 J,A10	65 A10	<2.0	<0.13	<6.4	120 A10	180 A10	
		0.5	<0.66	5.3 A10	160 A10	0.5 J,A10	0.39 J,A10	81 A10	--	--	18 A10	42 A10	13 A10	--	--	0.058 J	1.5 J,A10	71 A10	<2.0	<0.13	<3.2	67 A10	74 A10	
		0.5	<0.66	4.4 A10	130 A10	0.52 J,A10	0.6 J,A10	99 A10	--	--	21 A10	69 A10	19 A10	--	--	0.022 J	1.3 J,A10	55 A10	<2.0	<0.13	<3.2	85 A10	92 A10	
		0.5	<0.66	3.6 A10	82 A10	0.44 J,A10	0.55 J,A10	97 A10	--	--	25 A10	71 A10	7.8 A10	--	--	0.066 J	1.1 J,A10	71 A10	<2.0	<0.13	<3.2	100 A10	69 A10	
		0.5	3.6 J,A10	4.8 A10	89 A10	0.41 J,A10	2.7 A10	91 A10	--	--	24 A10	67 A10	29 A10	--	--	0.053 J	1.7 J,A10	69 A10	<2.0	<0.13	<3.2	96 A10	180 A10	
		1	<0.66	4.1 A10	110 A10	0.42 J,A10	0.52 J,A10	75 A10	--	--	15 A10	32 A10	11 A10	--	--	0.13 J	0.89 J,A10	62 A10	<2.0	<0.13	<3.2	60 A10	86 A10	
RB-9	05/24/2022	1	1 J,A10	4.7 A10	110 A10	0.46 J,A10	0.6 J,A10	100 A10	0.23	<0.0075	23 A10	53 A10	67 A10	1	--	0.2	1 J,A10	69 A10	<2.0	<0.13	<3.2	100 A10	99 A10	
RB-10	05/23/2022	1	<0.66	2.3 A10	49 A10	0.34 J,A10	0.32 J,A10	91 A10	--	--	20 A10	48 A10	17 A10	--	--	0.1 J	0.97 J,A10	46 A10	<2.0	<0.13	<3.2	100 A10	49 A10	
RB-11	05/24/2022	1	<0.66	1.7 J,A10	77 A10	0.43 J,A10	0.56 J,A10	130 A10	--	--	28 A10	60 A10	28 A10	--	--	0.24	1.3 J,A10	65 A10	<2.0	<0.13	<3.2	130 A10	74 A10	
RB-12		0.5	<0.66	1.1 J,A10	74 A10	0.51 J,A10	0.77 J,A10	180 A10	0.22	<0.0075	36 A10	94 A10	79 A10	0.31 J	--	0.043 J	0.4 J,A10	87 A10	<2.0	<0.13	<6.4	170 A10	91 A10	
RB-13		0.5	<0.66	<0.80	86 A10	0.48 J,A10	1.3 A10	170 A10	0.28	<0.0075	34 A10	95 A10	240 A10	12	<0.030	0.048 J	1.2 J,A10	83 A10	<2.0	<0.13	<6.4	160 A10	130 A10	
RB-13E1		1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-13N1		3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-13S		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-14		0.5	<0.66	2.1 A10	68 A10	0.45 J,A10	0.58 J,A10	150 A10	0.28	<0.0075	36 A10	75 A10	19 A10	--	--	0.027 J	1.3 J,A10	79 A10	<2.0	0.45 J,A10	<3.2	140 A10	59 A10	
RB-15		0.5	1.2 J,A10	1 J,A10	53 A10	0.44 J,A10	0.54 J,A10	150 A10	0.25	<0.0075	31 A10	72 A10	3.2 J,A10	--	--	<0.016	0.93 J,A10	81 A10	<1.8	<0.12	<2.9	140 A10	53 A10	
RB-16	05/25/2022	0.5	0.88 J,A10	2.1 A10	57 A10	0.48 J,A10	0.69 J,A10	170 A10	--	--	35 A10	83 A10	25 A10	--	--	<0.016	0.55 J,A10	88 A10	<2.0	<0.13	<3.2	160 A10	65 A10	
RB-17		1	1.1 J,A10	1.9 J,A10	35 A10	0.48 J,A10	0.61 J,A10	150 A10	0.39	<0.0075	34 A10	88 A10	5.2 A10	--	--	0.038 J	1.3 J,A10	66 A10	<2.0	<0.13	<6.4	170 A10	68 A10	
RB-18		1	--	--	--	--	--	--	--	--	--	410 A10	3.3	--	--	--	--	--	--	--	--	--	--	
RB-19		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-20		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-21		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-22		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-23		1	--	--	--	--	--	--	--	--	--	11 J,A10	--	--	--	--	--	--	--	--	--	--	--	
RB-24	STLC Screening Criteria/Thresholds	1	<0.66	1.9 J,A10	50 A10	0.42 J,A10	0.37 J,A10	96 A10	--	--	27 A10	63 A10	9 A10	--	--	0.037 J	1.2 J,A10	45 A10	<2.0	<0.13	<6.4	140 A10	58 A10	
RB-25		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-26		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-27		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-28		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Tier 1 ESLs		11	0.067	390	5	1.9	160	--	--	23	180	32	--	--	13	6.9	86	2.4	25	0.78	18	340		
Residential ESLs		11	0.067	15,000	16	78	NE	--	--	23	3,100	80	--	--	13	390	820	390	390	0.78	390	23,000		
Construction Worker ESLs		50	0.98	3,000	27	51	NE	--	--	28	14,000	160	--	--	44	1,800	86	1,700	1,800	3.5	470	110,000		
Commercial/Industrial ESLs		160	0.31	220,000</																				

Table 2: Soil Matrix Analytical Results - Metals

Notes

- 1 - Arsenic concentrations compared to Kearny background level
- 2 - Only Tier 1 ESLs have been established for total chromium
- J - Analyte detected between the practical quantitation limit (PQL) and the method detection limit (MDL); estimated value

- Detection and quantitation limits were raised due to matrix interference
- RB-XX - sample collected from areas with historical car storage
- RB-XX - sample collected from generic assessment area
- RB-XX - sample collected from garage
- RB-XX - sample collected from areas with historical structure
- RB-XX - sample collected from areas with historical agricultural use

Definitions

bold - Analyte detected above method detection limit

 - Concentrations detected above Tier 1 ESLs or above the arsenic background concentration of 11 mg/kg

 - Concentrations detected above Residential ESLs

 - Concentrations detected above Construction Worker ESLs

 - Concentrations detected above Commercial/Industrial ESLs

 - Concentrations detected above the STLC or TCLP Thresholds

< - Not detected above the method detection limit

mg/kg - milligrams per kilogram

mg/L - milligrams per liter

ft. bgs - Feet below ground surface

-- - Not analyzed/not applicable

NE - Not established

TTLC - Total Threshold Limit Concentration - Any total metals result exceeding the TTLC classifies as California Hazardous Waste

STLC - Soluble Threshold Limit Concentration - Total metals concentrations compared to Screening Criteria; STLC results compared to Thresholds

TCLP - Toxicity Characteristic Leaching Procedure - Total metals concentrations compared to Screening Criteria; TCLP results compared to Thresholds

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Tier 1 ESLs - ESLs for unrestricted land use at most sites

Residential ESLs - Residential: Shallow Soil Exposure ESLs - Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Construction Worker ESLs - Any Land Use/Any Depth Soil Exposure - Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Commercial/Industrial ESLs - Commercial/Industrial: Shallow Soil Exposure - Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Background Concentration - Kearney, Background Concentrations of Trace and Major Elements in California Soils, University of California, 1996

Soil samples analyzed by Pace Laboratories

Analysis:

Metals by EPA Method EPA 6010B/7471A



Table 3: Soil Matrix Analytical Results - Volatile Organic Compounds

Boring ID	Sample Date	Depth (ft. bgs)	Chlorinated VOCs					BTEX Chemicals				Other VOCs	
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Toluene	Ethylbenzene	Total Xylenes		
			mg/kg										
RB-1	05/23/2022	1	--	--	--	--	--	--	--	--	--	--	
RB-2		1	--	--	--	--	--	--	--	--	--	--	
RB-3		0.5	<0.0022	<0.0016	<0.0082	<0.0012	<0.0013	<0.0015	0.0034	<0.0015	<0.0056	<MDL	
RB-4		0.5	<0.00097	<0.00074	<0.0037	<0.00054	<0.00059	<0.00067	<0.00069	<0.00069	<0.0025	<MDL	
RB-5		0.5	<0.0015	<0.0012	<0.0059	<0.00086	<0.00094	<0.0011	<0.0011	<0.0011	<0.004	<MDL	
RB-6		0.5	<0.0012	<0.00088	<0.0044	<0.00064	<0.0007	<0.0008	<0.00082	<0.00082	<0.003	<MDL	
RB-7		0.5	<0.0025	<0.0019	<0.0096	<0.0014	<0.0015	<0.0017	<0.0018	<0.0018	<0.0065	<MDL	
RB-8		1	--	--	--	--	--	--	--	--	--	--	
RB-9	05/24/2022	1	--	--	--	--	--	--	--	--	--	--	
RB-10	05/23/2022	1	--	--	--	--	--	--	--	--	--	--	
RB-11	05/24/2022	1	--	--	--	--	--	--	--	--	--	--	
RB-12		0.5	<0.0015	<0.0011	<0.0056	<0.00082	<0.00089	<0.001	0.0022	<0.001	<0.0038	<MDL	
RB-13		0.5	<0.0015	<0.0011	<0.0057	<0.00083	<0.0009	<0.001	<0.0011	<0.0011	<0.0038	<MDL	
RB-13E1		1.5	--	--	--	--	--	--	--	--	--	--	
RB-13N1		3	--	--	--	--	--	--	--	--	--	--	
RB-13S		1	--	--	--	--	--	--	--	--	--	--	
RB-14		1	--	--	--	--	--	--	--	--	--	--	
RB-15		0.5	<0.0011	<0.00087	<0.0043	<0.00063	<0.00069	<0.00078	<0.00081	<0.00081	<0.0029	<MDL	
RB-16		0.5	<0.0011	<0.00084	<0.0042	<0.00061	<0.00067	<0.00076	<0.00078	<0.00078	<0.0028	<MDL	
RB-17	05/25/2022	0.5	<0.0012	<0.00094	<0.0047	<0.00069	<0.00075	<0.00085	<0.00088	<0.00088	<0.0032	<MDL	
RB-18		1	--	--	--	--	--	--	--	--	--	--	
RB-19		1	--	--	--	--	--	--	--	--	--	--	
RB-20		1	--	--	--	--	--	--	--	--	--	--	
RB-21		1	--	--	--	--	--	--	--	--	--	--	
RB-22		1	--	--	--	--	--	--	--	--	--	--	
RB-23		1	--	--	--	--	--	--	--	--	--	--	
RB-24		1	--	--	--	--	--	--	--	--	--	--	
RB-25		1	--	--	--	--	--	--	--	--	--	--	
RB-26		1	--	--	--	--	--	--	--	--	--	--	
RB-27		1	--	--	--	--	--	--	--	--	--	--	
RB-28		1	--	--	--	--	--	--	--	--	--	--	
Tier 1 ESLs			0.08	0.085	0.65	0.19	0.0015	0.025	3.2	0.43	2.1	Various	
Residential ESLs			0.59	0.95	130	19	0.0083	0.33	1,100	5.9	580	Various	
Construction Worker ESLs			33	18	570	78	3.4	33	4,700	540	2,400	Various	
Commercial/Industrial ESLs			2.7	6.1	600	85	0.15	1.4	5,300	26	2,500	Various	

Table 3: Soil Matrix Analytical Results - Volatile Organic Compounds

Notes

RB-XX	- sample collected from areas with historical car storage
RB-XX	- sample collected from generic assessment area
RB-XX	- sample collected from garage
RB-XX	- sample collected from areas with historical structure
RB-XX	- sample collected from areas with historical agricultural use

Definitions

bold - Analyte detected above method detection limit

< - Not detected above the method detection limit

VOC - Volatile organic compound

mg/kg - milligrams per kilogram

ft. bgs - Feet below ground surface

-- - Not analyzed/not applicable

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Construction Worker ESLs - Any Land Use/Any Depth Soil Exposure - Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Commercial/Industrial ESLs - Commercial/Industrial: Shallow Soil Exposure - Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Soil samples analyzed by Pace Laboratories

Analysis:

VOCs by EPA Method 8260B



Table 4: Soil Matrix Analytical Results - Organochlorine Pesticides

Boring ID	Sample Date	Depth (ft. bgs)	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	Chlordane (Technical)	Dieldrin	Endosulfan II	Endosulfan I	Endosulfan sulfate	Endrin aldehyde	Endrin	Heptachlor epoxide	Heptachlor	Methoxychlor	Toxaphene	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)
mg/kg																					
RB-1	05/23/2022	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-2		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-3		0.5	0.0043 J,A10	0.0032 J,A10	0.0025 J,A10,V11	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
RB-4		0.5	0.0019 J,A10	<0.00095	0.0033 J,A10,V11	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018	
RB-5		0.5	0.00065	0.0016	0.0035 V11	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
RB-6		0.5	<0.00064	0.00039 J	0.0013 V11	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
RB-7		0.5	<0.00032	0.001 J,A10	0.0036 A10,V11	<0.00090	<0.050	0.0012 J,A10	<0.00017	<0.00010	<0.00013	<0.00090	<0.00032	<0.00085	<0.00043	<0.00047	<0.0070	<0.0019	<0.00024	<0.00018	<0.00090
RB-8	05/24/2022	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-9		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-10		0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-11		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-12		0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-13		0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-13E1		1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-13N1		3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-14		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-15		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-16	05/25/2022	0.5	<0.00064	<0.00095	<0.00040	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
RB-17		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-18		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-19		1	0.0003 J	<0.00095	<0.00040	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
RB-20		1	<0.00064	0.00013 J	<0.00040	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
RB-21		1	<0.00064	<0.00095	<0.00040	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
RB-22		1	<0.00064	<0.00095	<0.00040	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
RB-23		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-24		1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RB-25		1	<0.00064	<0.00095	<0.00040	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
RB-26	Tier 1 ESLs	1	<0.00064	<0.00095	<0.00040	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
RB-27		1	<0.00064	<0.00095	<0.00040	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
RB-28		1	<0.00064	<0.00095	<0.00040	<0.00018	<0.010	<0.00036	<0.00034	<0.00020	<0.00026	<0.00018	<0.00065	<0.00017	<0.00086	<0.00094	<0.014	<0.00038	<0.00048	<0.00037	<0.00018
		Tier 1 ESLs	2.7	0.33	0.0011	0.0024	0.0065	0.0098	0.0098	NE	NE	0.0011	0.0018	0.12	0.013	0.51	NE	NE	NE	0.0074	
	Residential ESLs	2.7	1.8	1.9	0.35	0.48	0.037	420	420	NE	NE	21	0.062	0.12	350	0.51	NE	NE	NE	0.55	
	Construction Worker ESLs	81	57	57	1.0	14	1.1	1,500	1,500	NE	NE	74	1.9	3.7	1,200	14	NE	NE	NE	1.6	
	Commercial/Industrial ESLs	12	8.3	8.5	0.15	2.2	0.16	5,800	5,800	NE	NE	290	0.28	0.53	4800	2.2	NE	NE	NE	2.5	

Notes

A10 - Detection and quantitation limits were raised due to matrix interference

J - Analyte detected between the practical quantitation limit (PQL) and the method detection limit (MDL); estimated value

Table 5: Soil Matrix Analytical Results - Polychlorinated Biphenyls

Boring ID	Sample Date	Sample Depth (ft. bgs)	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	
			mg/kg							
RB-1	05/23/2022	1	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	<0.0016	0.0044 J	
RB-2		1	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	<0.0016	<0.0018	
RB-3		0.5	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	<0.0016	<0.0018	
RB-4		0.5	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	<0.0016	<0.0018	
RB-5		0.5	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	0.0058 J	<0.0018	
RB-6		0.5	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	0.0034 J	<0.0018	
RB-7		0.5	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	<0.0016	0.0085 J	
RB-8		1	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	<0.0016	<0.0018	
RB-9	05/24/2022	1	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	<0.0016	<0.0018	
RB-10	05/23/2022	1	<0.0046	<0.0066	<0.0052	<0.0030	<0.0042	<0.0032	<0.0036	
RB-11	05/24/2022	1	<0.012	<0.016	<0.013	<0.0075	<0.010	<0.0080	<0.0090	
RB-12		0.5	<0.0046	<0.0066	<0.0052	<0.0030	<0.0042	<0.0032	<0.0036	
RB-13		0.5	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	<0.0016	0.01	
RB-13E1		1.5	--	--	--	--	--	--	--	
RB-13N1		3	--	--	--	--	--	--	--	
RB-13S		1	--	--	--	--	--	--	--	
RB-14		1	--	--	--	--	--	--	--	
RB-15		1	--	--	--	--	--	--	--	
RB-16	05/25/2022	0.5	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	<0.0016	<0.0018	
RB-17		0.5	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	0.002 J	<0.0018	
RB-18		1	--	--	--	--	--	--	--	
RB-19		1	--	--	--	--	--	--	--	
RB-20		1	--	--	--	--	--	--	--	
RB-21		1	--	--	--	--	--	--	--	
RB-22		1	--	--	--	--	--	--	--	
RB-23		1	--	--	--	--	--	--	--	
RB-24	05/26/2022	1	<0.0023	<0.0033	<0.0026	<0.0015	<0.0021	<0.0016	0.002 J	
RB-25		1	--	--	--	--	--	--	--	
RB-26		1	--	--	--	--	--	--	--	
RB-27		1	--	--	--	--	--	--	--	
RB-28		1	--	--	--	--	--	--	--	
<i>Tier 1 ESLs</i>		0.23	0.23	0.23	0.23	0.23	0.23	0.23		
<i>Residential ESLs</i>		0.23	0.23	0.23	0.23	0.23	0.23	0.23		
<i>Construction Worker ESLs</i>		5.5	5.5	5.5	5.5	5.5	5.5	5.5		
<i>Commercial/Industrial ESLs</i>		0.94	0.94	0.94	0.94	0.94	0.94	0.94		

Table 5: Soil Matrix Analytical Results - Polychlorinated Biphenyls

Notes

J - Analyte detected between the practical quantitation limit (PQL) and the method detection limit (MDL); estimated value

RB-XX - sample collected from areas with historical car storage

RB-XX - sample collected from generic assessment area

RB-XX - sample collected from garage

RB-XX - sample collected from areas with historical structure

RB-XX - sample collected from areas with historical agricultural use

Definitions

bold - Analyte detected above method detection limit

< - Not detected above the method detection limit

PCB - Polychlorinated biphenyl

mg/kg - milligrams per kilogram

ft. bgs - Feet below ground surface

-- - Not analyzed/not applicable

ESLs - Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, July 2019, Revision 2

Tier 1 ESLs - ESLs for unrestricted land use at most sites

Residential ESLs - Residential:Shallow Soil Exposure ESLs - Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Construction Worker ESLs - Any Land Use/Any Depth Soil Exposure - Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Commercial/Industrial ESLs - Commercial/Industrial: Shallow Soil Exposure - Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Soil samples analyzed by Pace Laboratories

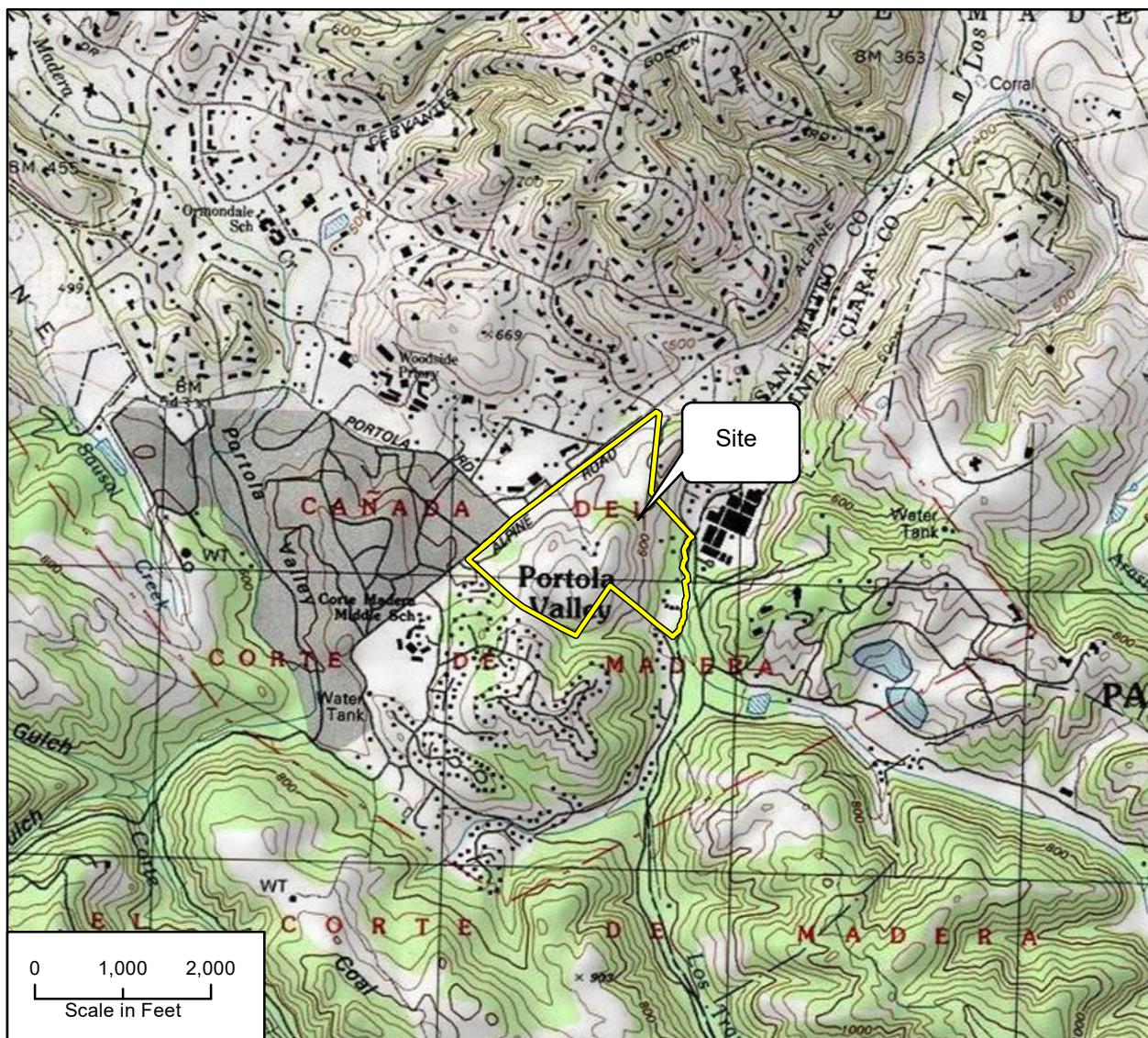
Analysis:

PCBs by EPA Method 8082

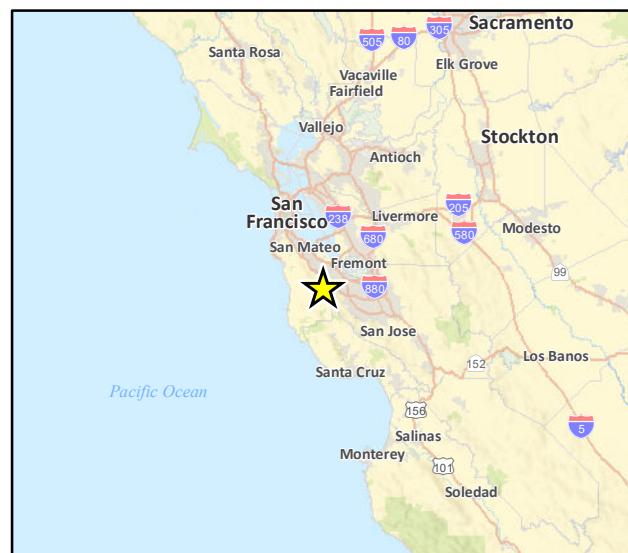


Figures

Hawthorns Area, 4411 Alpine Road and 800 Los Trancos Road, Portola Valley, California
Phase II Environmental Site Assessment



Imagery provided by National Geographic Society, Esri and its licensors © 2022. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.

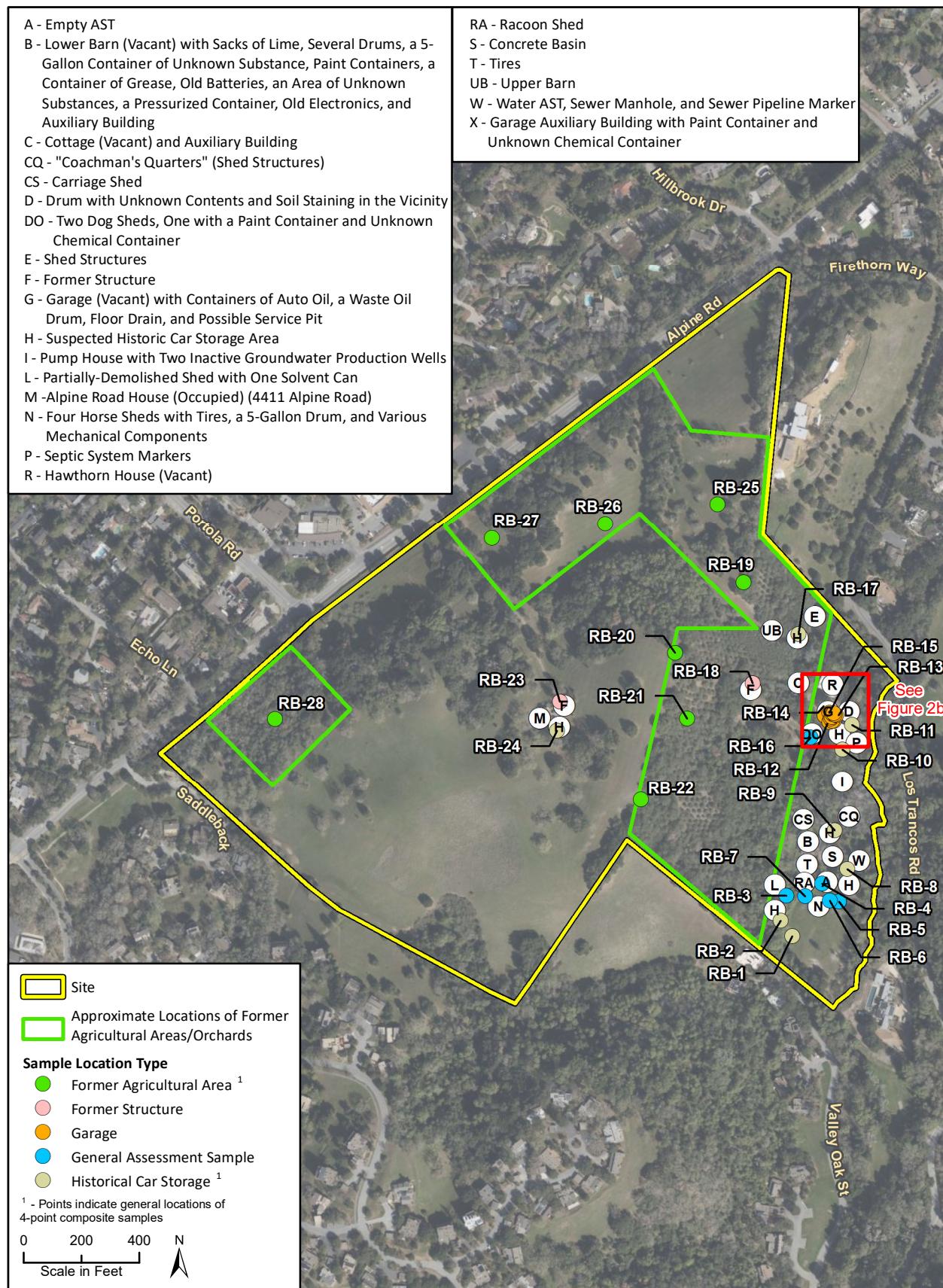


Vicinity

Figure 1



Hawthorns Area, 4411 Alpine Road and 800 Los Trancos Road, Portola Valley, California
Phase II Environmental Site Assessment



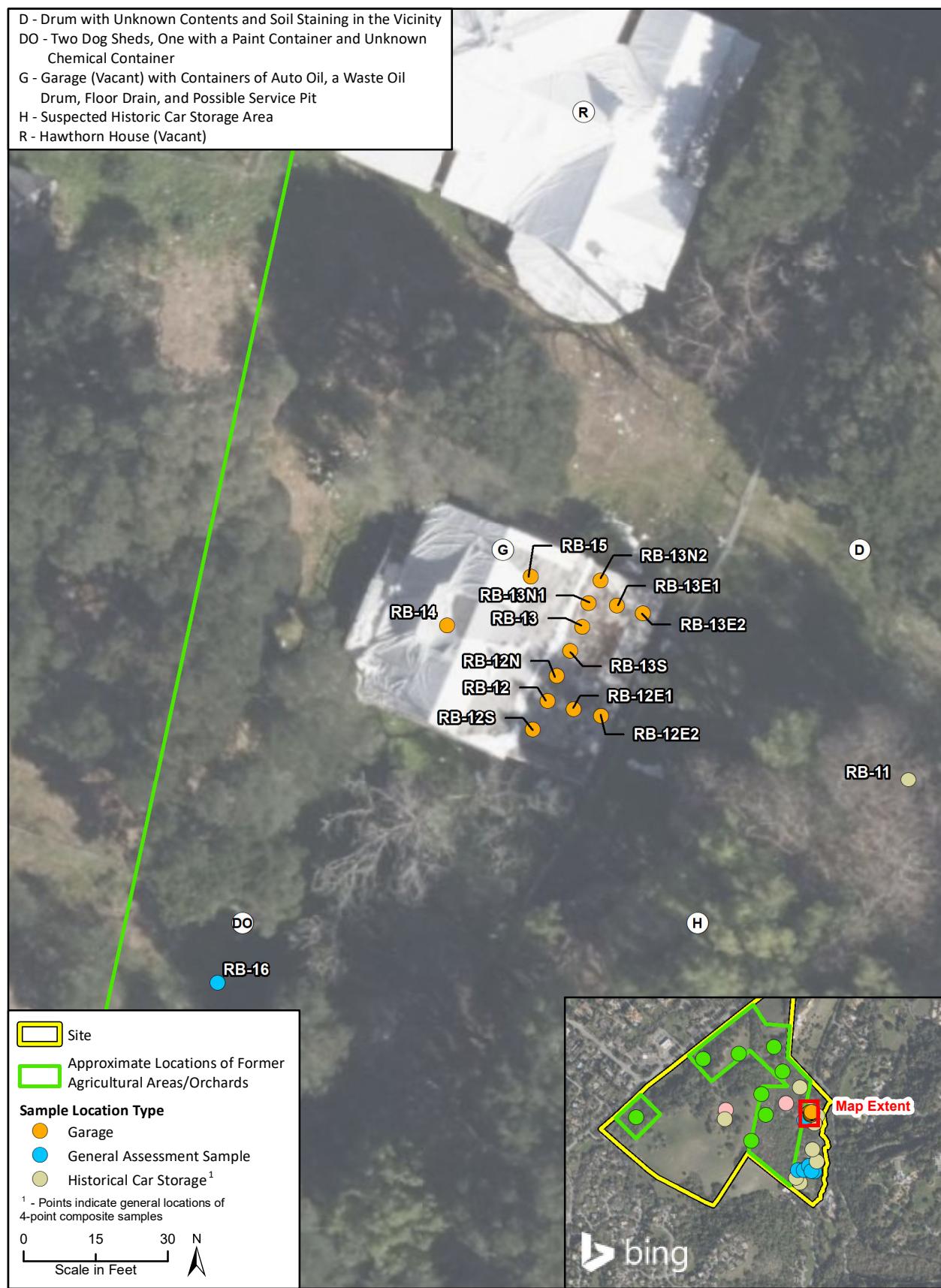
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Site and Boring Locations

Figure 2a

Rincon Consultants, Inc.

Hawthorns Area, 4411 Alpine Road and 800 Los Trancos Road, Portola Valley, California
Phase II Environmental Site Assessment



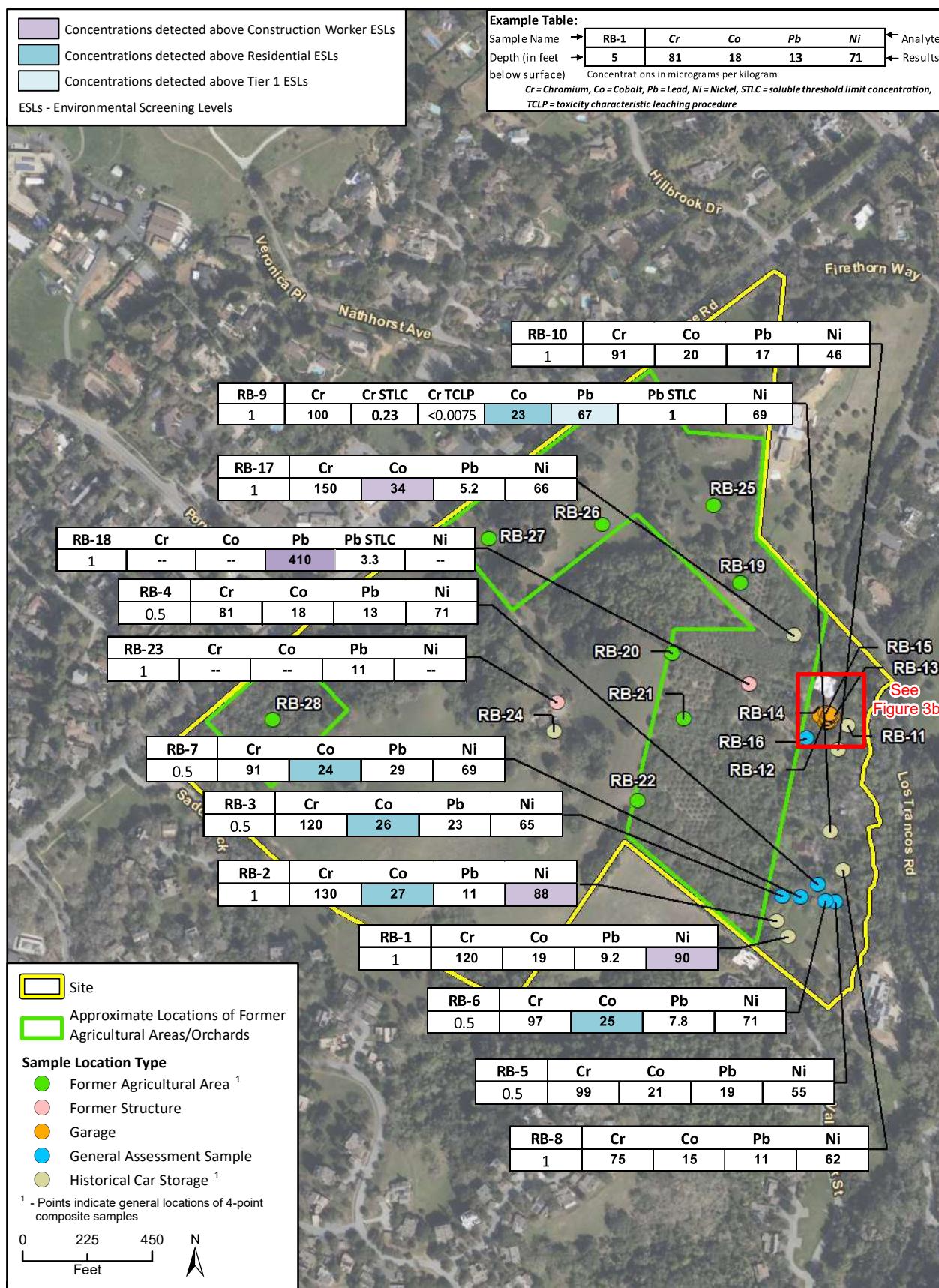
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Site and Boring Locations

Figure 2b

Rincon Consultants, Inc.

Hawthorns Area, 4411 Alpine Road and 800 Los Trancos Road, Portola Valley, California
Phase II Environmental Site Assessment



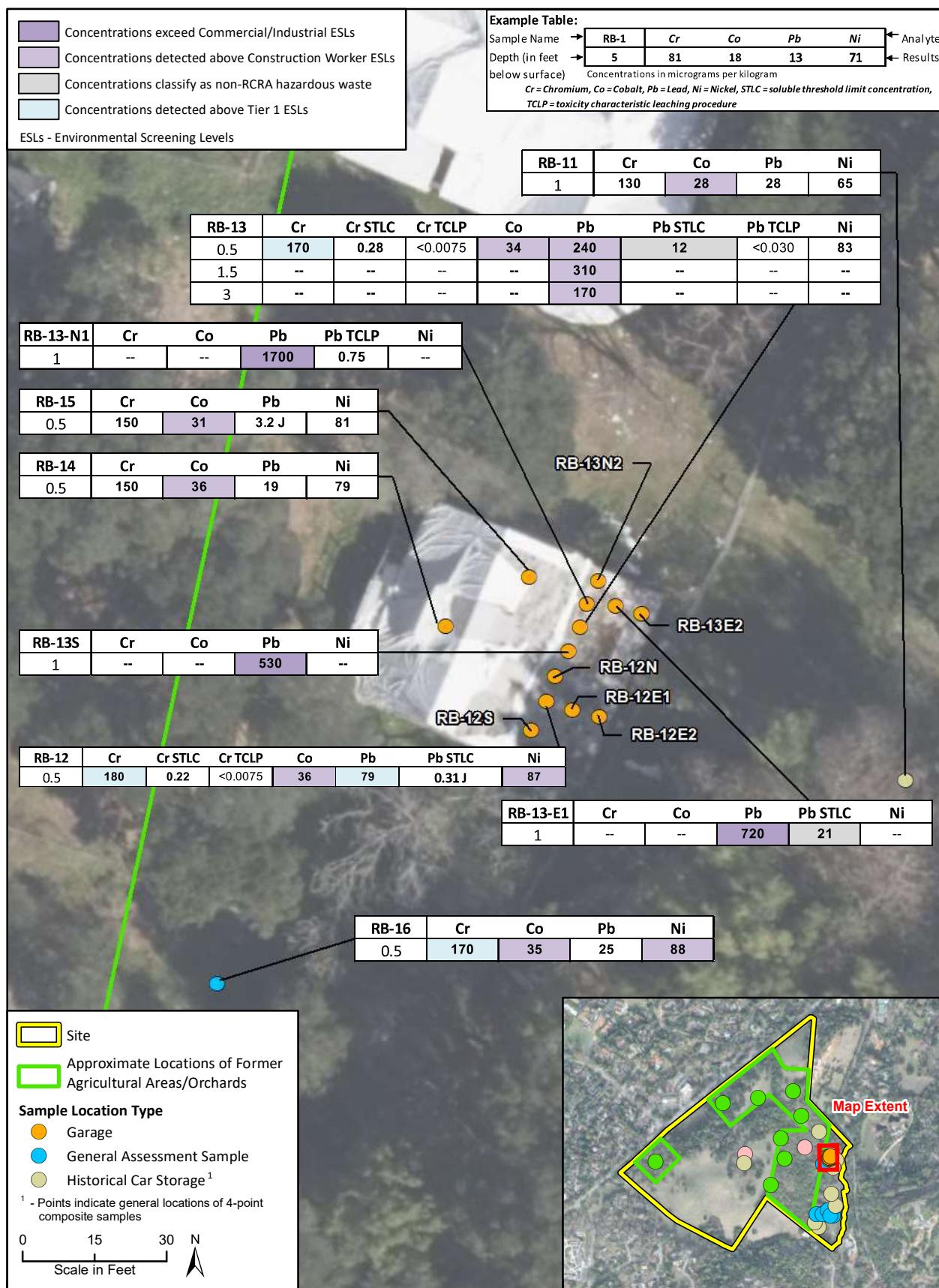
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Select Soil Results

Figure 3a

Rincon Consultants, Inc.

Hawthorns Area, 4411 Alpine Road and 800 Los Trancos Road, Portola Valley, California
Phase II Environmental Site Assessment



Imagery provided by Microsoft Bing and its licensors © 2022.

Select Soil Results

Figure 3b

Rincon Consultants, Inc.

Appendix A

Field Procedures



Rincon Consultants, Inc.

Environmental Scientists

Planners

Engineers

Field Procedures

1 Soil Matrix Sampling – Hand Auger

1.1 Definitions

- Auger – A hollow cylinder equipped with cutting bits to bore through soil when manually rotated; placed into the sub-surface to advance the boring and collect disturbed soil samples
- Cross Handle – A t-shaped metal bar that is connected to the auger by the rod(s) and is used to manually rotate the auger
- Custody Seal – A laboratory provided seal added to the sample containers or sample cooler once sampling has been completed to identify and protect the integrity of the samples (typically only used if samples will be shipped)
- Rods – Solid metal bars used to connect the auger and cross handle either with threaded or quick connections
- Sample Liner – A plastic (acetate) tube inserted into the soil core sampler used to recover an undisturbed soil sample
- Slide Hammer – A weight that slides along a rod and replaces the cross handle during sampling; used in combination with the soil core sampler to collect undisturbed soil samples
- Soil Core Sampler – A hollow cylinder without cutting bits that is equipped with a sample liner and is used in place of an auger; used in combination with a slide hammer to collect undisturbed soil samples
- Target sample depth – The bottom of the depth interval
- Temperature Blank - A vial filled with tap water and stored in the cooler during sample collection and transportation (not required for all projects)
- Trip Blank - A laboratory provided, volatile vial container filled with lab grade deionized water, affixed with a custody seal. This blank represents the “trip” the volatile vials take from leaving the lab with the bottle order to the field for sample collection and back to the lab for analysis

1.2 Introduction

These Field Procedure describe the methodology and techniques used to advance a boring into soil for the collection of soil matrix samples using a hand auger.

Hand augers are used to advance a boring by manually rotating an auger with cutting bits into the sub-surface; this motion forces soil into the auger. Once the auger is filled with soil, it is brought to the surface, and the soil is examined, used to log the stratigraphy, and either disposed or collected into sample containers. As the auger is advanced deeper into the sub-surface, additional rods are added to the assembly to access greater depths. If desired, when the target sample depth is reached, the auger can be replaced with a soil core sampler, and the cross handle with a slide hammer. As the hammer is manually lifted and dropped, the soil core sampler is advanced into the sub-surface and undisturbed soil is forced into the sample liner. Either the sample liner or the sample containers are delivered to the laboratory for analysis.

1.3 Equipment and Instrumentation

The following is a list of instruments and equipment used during sampling and logging activities.

Typically Provided by the Laboratory	Rincon Equipment
Custody seal	Level D personal protective equipment (PPE)
Sample containers (jars)	Hand auger
Sample cooler	Rubber mallet
Sample labels	Ice for cooler
Trip blanks	Plastic sample bag
Temperature blanks	Sample caps
EPA Method 5035 kits	Acetate sleeves, caps, and Teflon tape (if needed) Photoionization detector (PID) Measuring tape Impermeable barrier (Visqueen) 5-gallon bucket Two crescent wrenches Field sheets

All instruments will be calibrated per the manufacturer's specifications at the beginning of the workday.

1.4 Hand Auger Drilling

Prior to drilling activities, a tail-gate meeting will be conducted by Rincon field staff to review the procedures that Rincon personnel (and its subcontractors, if applicable) will follow to minimize the potential for health and safety hazards during the course of work. These procedures are detailed in the site-specific Health and Safety Plan.

Hand auger drilling will proceed as follows:

1. Prior to drilling activities, the impermeable barrier and bucket will be placed adjacent to the target location.
2. The hand auger assembly, consisting of the auger, the rods, and the cross handle, will be connected. If the specific hand auger uses threads, thread tape may be used to prevent binding.
3. Once all components are securely attached and the hand auger assembly is properly connected, it will be placed at the target location such that all auger bits make firm contact with the ground surface.
4. Proper form will be used to minimize the risk of injury, which consists of a wide stance, a straight back, and a firm grip on the cross handle such that strain on the wrists is minimized. Using this form, the cross handle will be rotated clock-wise to advance the auger into the ground surface. Progress into the sub-surface will be checked periodically using the measuring tape.
5. Once the auger fills with soil, the hand auger assembly will be carefully lifted out of the boring. If the target sample depth has been reached, sampling will proceed as described in Section 1.5; if the soil will not be retained as a sample, a portion will be transferred to a plastic baggie and set aside. The remaining soil will be emptied onto the impermeable barrier by tilting the hand auger assembly and either shaking it or tapping it with the rubber mallet. The soil will be examined and logged in accordance with the Universal Soil Classification System (USCS) and ASTM International (ASTM) D2488-93. Observations will be recorded on field sheets.
6. After at least 5 minutes have elapsed since placing the soil into a plastic baggie, the PID will be used to screen the soil for volatile organic compounds (VOCs) by carefully inserting the PID probe tip into the baggie, and holding the probe tip 1/8-inch away from the soil for 10 seconds. The maximum PID reading will be recorded in parts per million (ppm) on the field sheets.
7. As the boring is advanced deeper into the sub-surface, additional rods will be installed onto the hand auger assembly to extend its length.
8. If a physical impediment is encountered (such as a cobble, lithified strata, gravel, hardpan, etc.) that precludes further advancement with the hand auger, the boring will be marked as having encountered refusal on the field sheet, and the boring will be backfilled as indicated in the work plan.

1.5 Sampling Procedures

Upon reaching the target sample depth, soil sampling may proceed as follows:

Standard Sampling

1. The hand auger assembly will be carefully lifted out of the boring and transferred to the impermeable barrier.

Soil Matrix Sampling – Hand Auger

2. If using an EPA Method 5035 kit (5035 kit), soil aliquots will immediately be collected from the auger adjacent to the bits using the kit's dedicated t-handle and transferred to the kit's vials.
3. The sample container (typically a glass jar) will be held beneath the auger, and soil will be carefully transferred from the auger to the sample container using decontaminated (see Section **Error! Reference source not found.**) or dedicated hand tools.
9. The sample container will be properly sealed and labeled as described in Section 1.5. After at least 5 minutes have elapsed since sample collection, the PID will be used to screen the soil for VOCs by carefully inserting the PID probe tip into the sample container, and holding the probe tip 1/8-inch away from the soil for 10 seconds. The maximum PID reading will be recorded in ppm on the field sheets.

Soil Core Sampling

1. A sample liner will be installed into the soil core sampler, and the soil core sampler installed onto the hand auger assembly instead of the auger. The cross handle will be replaced with the slide hammer, and the hand auger assembly will be carefully lowered into the boring.
2. Keeping the back straight, the slide hammer will be manually lifted and dropped repeatedly to advance the soil core sampler into the sub-surface. After the soil core sampler has been pushed a distance equal to its length into the sub-surface, it will be carefully removed to the surface.
3. The sample liner will be removed from the soil core sampler, and one end sealed with Teflon tape and a sample cap. If using a 5035 kit, soil aliquots will immediately be collected from the opposite (un-capped) end of the sample liner using the kit's dedicated t-handle and transferred to the kit's vials.
4. The PID will be used to screen the soil for VOCs by carefully holding the probe tip 1/8-inch away from the soil on the sampler liner's un-capped end for 10 seconds. The maximum PID reading will be recorded in ppm on the field sheets. The sample liner will then be sealed with Teflon tape and a sample cap.

Post Sampling Procedures

1. Immediately following collection, all samples will be labeled and recorded on a chain-of-custody (COC). Each sample will be marked with the following information:
 - Sample ID, preservative, analysis, sampler, date and time, project number, and company name.
2. Sample containers will be double bagged using resealable plastic bags to protect the sample from moisture and to prevent breakage and potential cross contamination during storage and transportation. If transported by a commercial carrier (shipped), all glass sample containers will be protected with bubble wrap and will be double bagged using resealable plastic bags.
3. The samples will be placed into an insulated cooler with ice (to preserve the samples) at 4 Celsius or below. If required, temperature blanks will be placed in the cooler with the samples. If required, trip blanks will be labeled, recorded onto the COC, and placed in the

cooler. Additionally, if required, the custody seal will be applied to the cooler, and the date, time, and sampler's name will be written on it.

1.6 Decontamination

All reusable sampling equipment will undergo a three-stage decontamination process.

Decontamination will proceed as follows:

1. A decontamination station will be pre-established prior to commencement of gauging and purging activities. Three 5-gallon buckets will be used to decontaminate all gauging/sampling equipment, including water quality meters. An impermeable liner (visqueen) will be placed on the ground beneath the decontamination buckets to prevent/capture liquids from coming into contact with the ground surface.
2. Prior to first use at the site and between each discrete sample location, equipment will be washed using a non-phosphate detergent and potable water (first bucket). Equipment will then be rinsed in potable water (second bucket), and finally rinsed with deionized water (third bucket).
3. All liquids will be containerized prior to appropriate disposal. Equipment intended for one-time use will be packaged for appropriate disposal.

1.7 Investigation Derived Waste

Upon completion of sampling activities, all investigation derived waste (IDW), including decontamination water and un-retained soil cuttings will be stored in a 55-gallon drum or other approved container, and labelled with the following information:

- Contents, generator name, generator address, contact information, and the date of generation.

The container with IDW will then be placed in a secure location as determined in consultation with the client. Disposable sampling equipment and PPE will be disposed in a trash bag.

1.8 Chain-of-Custody Protocol

COC protocols will be employed to protect the integrity of the samples and the traceability of their handling from collection to chemical analysis. The protocol will be in accordance with the protocols detailed in Chapter 9 of the United States Environmental Protection Agency's SW-846 Compendium. The following information will be provided in ink on the COC for each sample:

- Unique sample identifier, date and time of collection, medium type, number of sample containers, requested analyses, GeoTracker Global Id number (where applicable).

In addition, the COC will also include general project information, including, at a minimum:

- Rincon project manager and contact information, name of sampler, Rincon project number, project site address/location, dates and times of relinquishment and receipt, and signature of each person possessing samples.

The COC will be kept with the sample shipment at all times. If samples are to be delivered to the laboratory via courier, a copy of the signed COC will be retained (either a carbon copy or photo-documentation) prior to relinquishing the samples to the courier.

1.9 Record Keeping

Field activities and sample collection details will be recorded on field sheets. Field sheets will be completed in real-time during each day of field work, and will include the following information, at a minimum:

- Names of Rincon field staff and other personnel onsite and their companies, weather conditions, a description of site activities, details of field work with corresponding timestamps, and field maps showing sample locations and other relevant site features.

Field sheets will be scanned/uploaded to the project file at the end of each field day, at the end of the field event if multiple days, or at the end of each week if multiple weeks. Rincon will keep the field activity sheets on-file, and they may be provided upon request. Sample collection field sheets will be included in the report.

Appendix B

Laboratory Analytical Reports



Date of Report: 07/08/2022

Scott English

Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Client Project: 22-12562 Hawthorns
BCL Project: Soil Samples
BCL Work Order: 2212517
Invoice ID: B450928, B451891, B452341, B452967

Enclosed are the results of analyses for samples received by the laboratory on 5/26/2022. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supercedes Report ID 1001321226

Sincerely,

Contact Person: Kaylee Mayall
Client Services Rep



Stuart Butram

Operations Manager

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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.
All results listed in this report are for the exclusive use of the submitting party. Pace Analytical assumes no responsibility for report alteration, separation, detachment or third party interpretation.

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Sample Information

Chain of Custody and Cooler Receipt form.....	6
Laboratory / Client Sample Cross Reference.....	17

Sample Results

2212517-01 - RB-1-1	
PCB Analysis (EPA Method 8082).....	26
Total Petroleum Hydrocarbons.....	27
Total Concentrations (TTLC).....	28
2212517-02 - RB-2-1	
PCB Analysis (EPA Method 8082).....	29
Total Petroleum Hydrocarbons.....	30
Total Concentrations (TTLC).....	31
2212517-03 - RB-3-0.5	
Organochlorine Pesticides (EPA Method 8081A).....	32
PCB Analysis (EPA Method 8082).....	33
Volatile Organic Analysis (EPA Method 8260B/5035).....	34
Total Petroleum Hydrocarbons.....	37
Total Concentrations (TTLC).....	38
2212517-06 - RB-4-0.5	
Organochlorine Pesticides (EPA Method 8081A).....	39
PCB Analysis (EPA Method 8082).....	40
Volatile Organic Analysis (EPA Method 8260B/5035).....	41
Total Petroleum Hydrocarbons.....	44
Total Concentrations (TTLC).....	45
2212517-09 - RB-5-0.5	
Organochlorine Pesticides (EPA Method 8081A).....	46
PCB Analysis (EPA Method 8082).....	47
Volatile Organic Analysis (EPA Method 8260B/5035).....	48
Total Petroleum Hydrocarbons.....	51
Total Concentrations (TTLC).....	52
2212517-12 - RB-6-0.5	
Organochlorine Pesticides (EPA Method 8081A).....	53
PCB Analysis (EPA Method 8082).....	54
Volatile Organic Analysis (EPA Method 8260B/5035).....	55
Total Petroleum Hydrocarbons.....	58
Total Concentrations (TTLC).....	59
2212517-15 - RB-7-0.5	
Organochlorine Pesticides (EPA Method 8081A).....	60
PCB Analysis (EPA Method 8082).....	61
Volatile Organic Analysis (EPA Method 8260B/5035).....	62
Total Petroleum Hydrocarbons.....	65
Total Concentrations (TTLC).....	66
2212517-18 - RB-8-1	
PCB Analysis (EPA Method 8082).....	67
Total Petroleum Hydrocarbons.....	68
Total Concentrations (TTLC).....	69
2212517-19 - RB-9-1	
PCB Analysis (EPA Method 8082).....	70
Total Petroleum Hydrocarbons.....	71
WET Test (STLC).....	72
TCLP Toxicity.....	73
Total Concentrations (TTLC).....	74
2212517-20 - RB-10-1	
PCB Analysis (EPA Method 8082).....	75

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PCB Analysis (EPA Method 8082).....	81
Volatile Organic Analysis (EPA Method 8260B/5035).....	82
Total Petroleum Hydrocarbons.....	85
WET Test (STLC).....	86
TCLP Toxicity.....	87
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2212517-25 - RB-13-0.5	
PCB Analysis (EPA Method 8082).....	89
Volatile Organic Analysis (EPA Method 8260B/5035).....	90
Total Petroleum Hydrocarbons.....	93
WET Test (STLC).....	94
TCLP Toxicity.....	95
Total Concentrations (TTLC).....	96
2212517-26 - RB-13-1.5	
Total Concentrations (TTLC).....	97
2212517-27 - RB-13-3	
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Total Petroleum Hydrocarbons.....	103
WET Test (STLC).....	104
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Volatile Organic Analysis (EPA Method 8260B/5035).....	108
Total Petroleum Hydrocarbons.....	111
WET Test (STLC).....	112
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Chain of Custody and Cooler Receipt Form for 2212517 Page 1 of 11

Chain of Custody Form

ANALYTICAL SERVICES 4100 Atlas Ct. - Bakersfield, CA 93308 - 661.327.4911 - Fax: 661.327.1918 - www.pacelabs.com

Client: Rineau
Attn: Alex Cnz

Address: -

City, State, Zip: -

Phone: (619) 232-7833 Fax:

Email: acurro@incometechs.com

Work Order #: 72-12517

Sample #	Description	Date Sampled	Time Sampled	Comments:		
1	RB-1-1	5/23/22	1300	X	X	
2	RB-2-1	1310		X	X	
3	RB-3-0.5	1330		X	X	
4	RB-3-1.5	1335				
5	RB-3-3	1340				
6	RB-4-0.5	1400		X	X	
7	RB-4-1.5	1405				
8	RB-4-3	1410				
9	RB-5-0.5	1430		X	X	
10	RB-5-1.5	1435				
11	RB-5-3	1440				
12	RB-6-0.5	1500		X	X	
13	RB-6-1.5	1505				
14	RB-6-3		1510			

Billing: Same as above

Client: _____	Address: _____	System #: _____	GIS/Key: <input type="checkbox"/> Well Star <input type="checkbox"/>
City: _____	State: _____ Zip: _____	(Needed for DL/FI)	P.O. #:

EDF Required Geotracker		<input type="checkbox"/> Yes	<input type="checkbox"/> No	Global ID
1. Relinquished By	<u>SSZ</u>	Date: <u>5/23/22</u>	Time: <u>1625</u>	1. Received By <u>Tress/Ber</u> Date: <u>5/23/22</u> Time: <u>1625</u>
2. Relinquished By	<u>SSZ</u>	Date: <u>5/24/22</u>	Time: <u>1740</u>	2. Received By <u>Jerry Berger</u> Date: <u>5/24/22</u> Time: <u>1741</u>
3. Relinquished By	<u>SSZ</u>	Date: <u>5/26/22</u>	Time: <u>1830</u>	3. Received By <u>SSZ</u> Date: <u>5/26/22</u> Time: <u>1830</u>

Pace Analytical Bakersfield does not accept samples containing radioactive material above background levels. Samples containing radioactive material must be discarded by special, any samples suspected of containing radioactive material above background levels will not be accepted and will be returned to client.

RE L: SSZ

Chain of Custody Form

Page 5 of 5

RUSH

Result Request **Surcharge
 STD 5 Day 4 Day
 Next Day 3 Day 2 Day 1 Day
 Rush requests must be approved

Notes

HOLD

Sample Matrix

Soil	Other
Ground Water	Waste Water
Dissolved Water	Sludge

CHK BY SSZ

DISTRIBUTION SSZ

SUB OUT SSZ

Chain of Custody Form

Report To: 4100 Atlas Ct. - Bakersfield, CA 93308 - 661.327.4911 - Fax: 661.327.1918 - www.pacelabs.com

Client:

Attn:

Street Address:

City, State, Zip:

Phone:

Email:

Work Order #:

Project #:

Project Name:

BID#:

Sampler(s) Name:

Print Edt:

Sample #	Description	Date Sampled	Time Sampled
-15	RB-7-0.5	09/23/08	1530
-16	RB-7-1.5		1535
-17	RB-7-3		1540
-18	RB-8-1		1600
-19	RB-9-1		1620
-20	RB-10-1	05/27/08	0830
-21	RB-11-1		0930
-22	RB-12-0.5		1030
-23	RB-12-1.5		1035
-24	RB-12-3		1040
-25	RB-13-0.5		1145
-26	RB-13-1.5		1150
-27	RB-13-3		1155
-28	RB-14-0.5		1230

 Billing: Same as above

Client:	Address:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Global ID
		EDF Required Geotracker		
		1. Relinquished By	Date	Time
			5/23/08	1625
		2. Received By	Date	Time
			5/26/08	1440
		3. Received By	Date	Time
			5/26/08	1830
				\$26.22 10:30
Pace Analytical Bakersfield does not accept samples containing radioactive material above background levels. Samples containing radioactive material must be disposed prior to receipt. Any samples containing radioactive material above background levels will not be accepted and will be returned to client.				
REV 12/2001				



ANALYTICAL SERVICES

4100 Atlas Ct.

Bakersfield, CA 93308

(661) 327-4911

FAX (661) 327-1918

www.pacelabs.com

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Chain of Custody and Cooler Receipt Form for 2212517 Page 3 of 11

Chain of Custody Form

Report To: _____ Client: _____

4100 Atlas Ct – Bakersfield, CA 93308 – 661.327.4911 – Fax: 661.327.1918 – www.pacelabs.com

Attn: _____ Street Address: _____

BID# _____ Sample(s) Name: _____

City, State, Zip: _____

Phone: _____

Email: _____

Work Order #: 2212517

Project #: _____

Project Name: _____

Analysis Requested

Page: 3 of 5

Comments: _____

		Sample Matrix		Result Request "Surcharge STD □ 5 Day" □ 4 Day** Rush □ 3 Day" □ 2 Day** Rush requests must be approved	
Sample #	Description	Date Sampled	Time Sampled	Waste Water	Other
-39	RB-14-1.5	5/24/2017	12:35		
-32	RB-14-3		12:40		
-31	RB-15-0.5		13:30	X	X
-32	RB-15-1.5		13:35		
-33	RB-15-3		13:40		
-34	RB-16-0.5		14:30	X	X
-35	RB-16-1.5		14:35		
-36	RB-16-3		14:40		
-37	RB-13N2-1		15:30		
-38	RB-13N1-1		15:35		
-39	RB-13E1-1		15:40		
-40	RB-13E2-1		15:45		
-71	RB-13S-1		15:50		
-72	RB-12N-1		15:55		

 Billing: Same as above Same as above Yes No Global ID _____

1. Relinquished By	Date: 5/24/2017	Time: 12:35	1. Received By	Date: 5/25/2017	Time: 12:22
2. Relinquished By	Date: 5/24/2017	Time: 12:35	2. Received By	Date: 5/25/2017	Time: 12:22
3. Relinquished By	Date: 5/24/2017	Time: 12:35	3. Received By	Date: 5/25/2017	Time: 12:22

Pace Analytical Bakersfield does not accept samples containing radioactive material above background levels. Samples containing radioactive material must be disclosed prior to receipt. Any samples shipped containing radioactive material above background levels will not be accepted and will be returned to client.

REL:  5-26-22 2020 

Rev 12/2011

Chain of Custody and Cooler Receipt Form for 2212517 Page 4 of 11

Chain of Custody Form

4 of 5

Analysis Requested		Comments:	
Project #:			
BID#			
Sample(s) Name Printed			
Fax:			
Work Order #:	72-12517	Date Sampled	Time Sampled
Sample #	Description		
43	RB-12E1-1	5/24/23	1600
44	RB-12E2-1	5/25/23	1605
45	RB-12S-1	5/25/23	1610
46	RB-17-1	5/25/23	1030
47	RB-18-1	5/25/23	1100
48	RB-19-1	5/25/23	1130
49	RB-20-1	5/25/23	1145
50	RB-21-1	5/25/23	1220
51	RB-22-1	5/25/23	1230
52	RB-25-1	5/25/23	1300
53	RB-26-1	5/25/23	1310
54	RB-27-1	5/25/23	1330
55	RB-23-1	5/25/23	1345
56	RB-24-1	5/25/23	1400
Billing		<input type="checkbox"/> Same as above	<input type="checkbox"/> EDF Required Geotracker <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Global ID
Client:		1. Relinquished By	Date 5/25/23 Time 1605 Received By Pace/BCC Date 5/25/23 Time 1605
Address:		2. Relinquished By	Date 5/26/23 Time 1400 Received By Jason Bapna Date 5/26/23 Time 1400
City: _____ State: _____ Zip: _____		3. Relinquished By	Date 5/26/23 Time 1430 Received By Jason Bapna Date 5/26/23 Time 1430
Attn: _____			
P.O. #: _____			
<p><small>System # (Needed for CLP)</small></p> <p><input type="checkbox"/> GISKey <input type="checkbox"/> Well Star</p> <p><small>Pace Analytical Bakersfield does not accept samples containing radioactive material above background levels. Samples containing radioactive material above background levels will not be accepted and will be returned to client.</small></p> <p><small>REV 12/2021</small></p>			

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Chain of Custody and Cooler Receipt Form for 2212517 Page 5 of 11

Chain of Custody Form

www.pablosiguras.com.ar - 081-321-0310 - 081-321-0316 - 081-321-0318 - 081-321-0319

Report To:	Analysis Requested																						
Client:	Project #:																						
Attn:	Project Name:																						
Street Address:	Bld#																						
City, State, Zip:	Sampler's Name Printed																						
Phone:	Fax:																						
Email:	Work Order #:																						
	22-12517																						
Sample #:	Description	Date Sampled	Time Sampled																				
57	Ra-28-1	5/25/20	14:20																				
<input type="checkbox"/> Same as above <input type="checkbox"/> Yes <input type="checkbox"/> No Global ID																							
Billing <table border="1"> <tr> <td><input type="checkbox"/> Same as above</td> <td colspan="3"> EDF Required Geotracker 1. Reimbursement By _____ Date _____ Time _____ 2. Reimbursement By _____ Date _____ Time _____ 3. Reimbursement By _____ Date _____ Time _____ </td> </tr> <tr> <td colspan="2">System # (Needed for CLIP)</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">GISKey <input type="checkbox"/> Well Star <input type="checkbox"/></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Attn: _____</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">PO #: _____</td> <td colspan="2"></td> </tr> </table>				<input type="checkbox"/> Same as above	EDF Required Geotracker 1. Reimbursement By _____ Date _____ Time _____ 2. Reimbursement By _____ Date _____ Time _____ 3. Reimbursement By _____ Date _____ Time _____			System # (Needed for CLIP)				GISKey <input type="checkbox"/> Well Star <input type="checkbox"/>				Attn: _____				PO #: _____			
<input type="checkbox"/> Same as above	EDF Required Geotracker 1. Reimbursement By _____ Date _____ Time _____ 2. Reimbursement By _____ Date _____ Time _____ 3. Reimbursement By _____ Date _____ Time _____																						
System # (Needed for CLIP)																							
GISKey <input type="checkbox"/> Well Star <input type="checkbox"/>																							
Attn: _____																							
PO #: _____																							
Peace Analytical Bakerfield does not accept samples containing radioactive material above background levels. Samples containing radioactive material must be discarded prior to disposal. Any samples suspended of containing radioactive material above background levels will not be accepted and will be returned to client. REL																							
Page 5 of 5 Page 5 of 5																							

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Chain of Custody and Cooler Receipt Form for 2212517 Page 6 of 11

PACE ANALYTICAL		COOLER RECEIPT FORM		Page 1 Of 6						
Submission #: 22-12517										
SHIPPING INFORMATION				SHIPPING CONTAINER						
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	GSO / GLS <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/>	None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____					
Pace Lab Field Service <input checked="" type="checkbox"/>				FREE LIQUID YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <i>(W/S)</i>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____										
Custody Seals		Ice Chest <input type="checkbox"/>	Containers <input type="checkbox"/>	None <input checked="" type="checkbox"/> Comments: _____						
Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>								
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.97 Container: <i>Clear GLASS</i> Thermometer ID: 279	Date/Time 5/26/22		Analyst Init 301 2220					
Temperature: (A) 1.5 °C / (C) 1.5 °C										
SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶⁺										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508(608.3)8081A										
QT EPA 515.18151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.1										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE	A	A	E	E	E	E	E	E	E	
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT			A-D	A-P	A-D	A-D	A-P	A-D	A-D	
SUMMA CANISTER			<i>13081210</i>							
Comments:										
Sample Numbering Completed By: <i>EC</i>	Date/Time: <i>5/27/22 1845</i>									
A = Actual / C = Corrected	Rev 23 05/20/22 ©2020 PerfectILAB, LLC California Sample Chain of Custody Form									

Chain of Custody and Cooler Receipt Form for 2212517 Page 7 of 11

PACE ANALYTICAL		COOLER RECEIPT FORM						Page 2 Of 6		
Submission #: 22-12517										
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> GSO / GLS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> Pace Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____								SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		
								FREE LIQUID YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <i>(W/S)</i>		
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>										
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.97 Container: <i>Chest GLS</i> Thermometer ID: 294		Date/Time 5/26/22 Temperature: (A) 1.5 °C / (C) 1.5 °C Analyst Init: <i>BG 2220</i>						
SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶⁺										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508M(6.3N051A)										
QT EPA 515.I8151A										
QT EPA S25.2										
QT EPA S25.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE	E	E	E	E	E	E	A	A	A	
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT	A-P	A-D	A-D	A-D	A-D	A-P	A-D			
SUMMA CANISTER										
Comments:										
Sample Numbering Completed By: <i>Bei</i>	Date/Time: 5/27/22 1845									
A = Actual / C = Corrected										

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 37MP Doc\WordPerfect_AB_DOCS\FORMS\SA\RECnew.xls

Chain of Custody and Cooler Receipt Form for 2212517 Page 8 of 11

PACE ANALYTICAL		COOLER RECEIPT FORM						Page 3 Of 6			
Submission #: 2212517											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> GSO / GLS <input type="checkbox"/> Hand Delivery <input type="checkbox"/> Pace Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____								SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <i>WIS</i>	
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: Custody Seals Ice Chest <input checked="" type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.97 Container: Clear Glass Thermometer ID: 294		Date/Time 5/26/22 Temperature: (A) 1.5 °C / (C) 1.5 °C Analyst Init: ZC 2220							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
QT PE UNPRES		217	257	267	277	318	326	331	3	3	16
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664B											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 505603.3/5051A											
QT EPA 515.1/5151A											
QT EPA 525.2											
QT EPA 525.2 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548.1											
QT EPA 549.2											
QT EPA 801SM											
QT EPA 8270C											
8oz / 16oz / 32oz AMBER											
Small 16oz / 32oz JAR											
SOIL SLEEVE			A	E	E	E	E	E			
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT			A-D	A-D	A-D	A-D	A-D	A-D			
SUMMA CANISTER											
Comments:											
Sample Numbering Completed By: <i>ZC</i>	Date/Time: 5/27/22 1845										Rev 25 05/20/22
A = Actual / C = Corrected											[S:\WP\Beckwood\PerfectLAB\DOCS\FORMS\SAVRECRev 2E]

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Chain of Custody and Cooler Receipt Form for 2212517 Page 9 of 11

PACE ANALYTICAL		COOLER RECEIPT FORM		Page 4 Of 6							
Submission #: 2212517											
SHIPPING INFORMATION				SHIPPING CONTAINER							
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	GSO / GLS <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/>	None <input type="checkbox"/> Box <input type="checkbox"/>						
Pace Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____				Other <input type="checkbox"/> (Specify) _____							
FREE LIQUID YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <i>W/S</i>											
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Emissivity: 0.97 Container: VOA Thermometer ID: 294			DateTime 5/26/22 Analyst Init 29 2220							
Temperature: (A) 1.5 °C / (C) 1.6 °C											
SAMPLE CONTAINERS		SAMPLE NUMBERS									
QT PE UNPRES	22A	23A	24A	28A	29A	30A	31A	25B	26B	27B	
4oz / 8oz / 16oz PE UNPRES											
3oz Cr ⁶⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664B											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL - 504											
QT EPA 508/608.3/8081A											
QT EPA 515.1/8151A											
QT EPA 525.3											
QT EPA 525.2 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548.1											
QT EPA 549.2											
QT EPA 8015M											
QT EPA 8270C											
3oz / 16oz / 32oz AMBER	E	E	E	E	E	E	E	E	E	<i>2021-05-26</i>	
3oz / 16oz / 32oz JAR	E	E	E	E	E	E	E	E	E	<i>2021-05-26</i>	
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT	A-D	A-D	A-P	A-D	A-D	A-D	A-D	A-D	A-P	<i>2021-05-26</i>	
SUMMA CANISTER											
Comments: _____											
Sample Numbering Completed By: <i>29</i>				DateTime: 5/27/22 1848		Rev 23 05/20/22					
A = Actual / C = Corrected											

Chain of Custody and Cooler Receipt Form for 2212517 Page 10 of 11

PACE ANALYTICAL		COOLER RECEIPT FORM						Page 5 Of 6	
Submission #: 2212517									
SHIPPING INFORMATION								SHIPPING CONTAINER	
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	GSO / GLS <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>			FREE LIQUID YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> W / S		
Pace Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____				Other <input type="checkbox"/> (Specify) _____					
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments:									
Custody Seals		Ice Chest <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>	Containers <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>	None <input checked="" type="checkbox"/> Comments:					
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.97 Container: VOA Thermometer ID: 294		Temperature: (A) 1.5 °C / (C) 1.6 °C		Date/Time 5/26/22			
								Analyst Init 89 2220	
SAMPLE CONTAINERS		SAMPLE NUMBERS							
		28.1	29.1	40.1	41.1	42.8	42.9	44.7	45.8
QT PE UNPRES									
4oz / 8oz / 16oz PE UNPRES									
2oz Cr ⁶⁺									
QT INORGANIC CHEMICAL METALS									
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz									
PT CYANIDE									
PT NITROGEN FORMS									
PT TOTAL SULFIDE									
2oz. NITRATE / NITRITE									
PT TOTAL ORGANIC CARBON									
PT CHEMICAL OXYGEN DEMAND									
PTA PHENOLICS									
40ml VOA VIAL TRAVEL BLANK									
40ml VOA VIAL									
QT EPA 1664B									
PT ODOR									
RADIOLOGICAL									
BACTERIOLOGICAL									
40 ml VOA VIAL- 504									
QT EPA 508/608.3/8081A									
QT EPA 515.1/8151A									
QT EPA 525.1									
QT EPA 525.1 TRAVEL BLANK									
40ml EPA 547									
40ml EPA 531.1									
8oz EPA 548.1									
QT EPA 549.2									
QT EPA 8015M									
QT EPA 8270C									
8oz / 16oz / 32oz AMBER									
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A
SOIL SLEEVE									
PCB VIAL									
PLASTIC BAG									
TEDLAR BAG									
FERROUS IRON									
ENCORE									
SMART KIT									
SUMMA CANISTER									
Comments: _____									
Sample Numbering Completed By: 701	Date/Time: 5/27/22 1845								Rev 23-05-2022
A = Actual / C = Corrected									

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Chain of Custody and Cooler Receipt Form for 2212517 Page 11 of 11

PACE ANALYTICAL		COOLER RECEIPT FORM							Page 6 of 6		
Submission #: 22-12517											
SHIPPING INFORMATION								SHIPPING CONTAINER		FREE LIQUID	
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	GSO / GLS <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		Other <input type="checkbox"/> (Specify) _____		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	W / S		
Pace Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____											
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals		Ice Chest <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		Containers <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		None <input checked="" type="checkbox"/> Comments: _____					
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.97 Container: VOA Thermometer ID: 244		Temperature: (A) 15 °C / (C) 1.6 °C						Date/Time 5/26/22	
										Analyst Init: BG 2220	
SAMPLE CONTAINERS		SAMPLE NUMBERS									
QT PE UNPRES	M8A	46A	50A	51A	52A	53A	54A	55A	56A	57A	
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁴⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PTA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664B											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 5081608, 3/8081A											
QT EPA 515.18151A											
QT EPA 525.2											
QT EPA 525.2 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548.1											
QT EPA 549.2											
QT EPA 8015M											
QT EPA 8270C											
8oz / 16oz / 32oz AMBER											
16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A	
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											
Comments:											
Sample Numbering Completed By: <u>BCI</u>	Date/Time: <u>5/26/22 1848</u>										
A = Actual / C = Corrected											
Rev 23 05/20/22											

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2212517-01	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-1-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 13:00 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-02	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-2-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 13:10 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-03	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-3-0.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 13:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-04	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-3-1.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 13:35 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-05	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-3-3 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 13:40 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-06	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-4-0.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 14:00 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-07	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-4-1.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 14:05 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2212517-08	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-4-3 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 14:10 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-09	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-5-0.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 14:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-10	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-5-1.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 14:35 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-11	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-5-3 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 14:40 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-12	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-6-0.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 15:00 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-13	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-6-1.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 15:05 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-14	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-6-3 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 15:10 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2212517-15	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-7-0.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 15:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-16	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-7-1.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 15:35 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-17	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-7-3 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 15:35 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-18	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-8-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 16:00 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-19	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-9-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/23/2022 16:20 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-20	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-10-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 08:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-21	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-11-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 09:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2212517-22	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-12-0.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 10:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-23	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-12-1.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 10:35 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-24	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-12-3 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 10:40 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-25	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-13-0.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 11:45 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-26	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-13-1.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 11:50 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-27	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-13-3 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 11:55 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-28	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-14-0.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 11:55 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2212517-29	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-14-1.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 12:35 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-30	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-14-3 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 12:40 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-31	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-15-0.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 13:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-32	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-15-1.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 13:35 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-33	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-15-3 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 13:40 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-34	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-16-0.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 14:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-35	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-16-1.5 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 14:35 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
2212517-36	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-16-3 Sampled By: ---		Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 14:40 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-37	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-13N2-1 Sampled By: ---		Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 15:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-38	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-13N1-1 Sampled By: ---		Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 15:35 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-39	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-13E1-1 Sampled By: ---		Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 15:40 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-40	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-13E2-1 Sampled By: ---		Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 15:45 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-41	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-13S-1 Sampled By: ---		Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 15:50 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-42	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-12N-1 Sampled By: ---		Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 15:55 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2212517-43	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-12E1-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 16:00 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-44	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-12E2-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 16:05 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-45	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-125-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/24/2022 16:10 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-46	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-17-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/25/2022 10:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-47	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-18-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/25/2022 11:00 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-48	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-19-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/25/2022 11:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-49	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-20-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/25/2022 11:45 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2212517-50	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-21-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/25/2022 12:00 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-51	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-22-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/25/2022 12:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-52	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-25-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/25/2022 13:00 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-53	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-26-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/25/2022 13:10 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-54	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-27-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/25/2022 13:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-55	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-23-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/25/2022 13:45 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		
2212517-56	COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: RB-24-1 Sampled By: ---	Receive Date: 05/26/2022 22:20 Sampling Date: 05/25/2022 14:00 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil		

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	
2212517-57	COC Number: ---	Receive Date: 05/26/2022 22:20
	Project Number: ---	Sampling Date: 05/25/2022 14:30
	Sampling Location: ---	Sample Depth: ---
	Sampling Point: RB-28-1	Lab Matrix: Solids
	Sampled By: ---	Sample Type: Soil

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-01	Client Sample Name:	RB-1-1, 5/23/2022 1:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	0.0044	mg/kg	0.010	0.0018	EPA-8082	50	J	1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	58.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/02/22 21:43		HKS	GC-14	1.017	B141110	EPA 3550B

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-01	Client Sample Name:	RB-1-1, 5/23/2022 1:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	8.2	mg/kg	20	7.0	EPA-8015B/FFP	ND	J,A57	1
Tetracosane (Surrogate)	127	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 11:16	BUP	GC-19	1.014	B141024	EPA 3550B		

DCN = Data Continuation Number

Rincon Consultants-Ventura
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Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-01	Client Sample Name:	RB-1-1, 5/23/2022 1:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A10	1
Arsenic	5.3	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	130	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.49	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.48	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	120	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	19	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	44	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	9.2	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.068	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	1.6	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	90	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	75	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	69	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 16:30	JCC	PE-OP3	2	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 12:11	TMT	CETAC3	1.025	B141112	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 10:29	JCC	PE-OP3	5	B140891	EPA 3050B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-02	Client Sample Name:	RB-2-1, 5/23/2022 1:10:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	26.7	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/02/22 21:55		HKS	GC-14	1.017	B141110	EPA 3550B

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-02	Client Sample Name:	RB-2-1, 5/23/2022 1:10:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	15	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	28	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	113	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 11:44	BUP	GC-19	1	B141024	EPA 3550B		

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-02	Client Sample Name:	RB-2-1, 5/23/2022 1:10:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	1.8	mg/kg	10	0.66	EPA-6010B	500	J,A10	1
Arsenic	3.3	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	110	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.49	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.51	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	130	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	27	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	52	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	11	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.049	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	1.4	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	88	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	110	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	63	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 16:46	JCC	PE-OP3	2	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 12:17	TMT	CETAC3	0.962	B141112	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 10:45	JCC	PE-OP3	5	B140891	EPA 3050B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-03	Client Sample Name:	RB-3-0.5, 5/23/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0043	mg/kg	0.0050	0.00064	EPA-8081A	1.0	J,A10	1
4,4'-DDE	0.0032	mg/kg	0.0050	0.00095	EPA-8081A	1.0	J,A10	1
4,4'-DDT	0.0025	mg/kg	0.0050	0.00040	EPA-8081A	1.0	J,A10,V11	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A		A10,V11	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	0.2	A10,V11	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	100	A10,V11	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	5	A10	1
TCMX (Surrogate)	56.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	118	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 09:06	HKS	GC-17	9.836	B141117	EPA 3550B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-03	Client Sample Name:	RB-3-0.5, 5/23/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	38.3	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/02/22 22:06		HKS	GC-14	0.990	B141110	EPA 3550B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-03	Client Sample Name:	RB-3-0.5, 5/23/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Benzene	ND	mg/kg	0.011	0.0015	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.011	0.0019	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.011	0.0018	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.011	0.0017	EPA-8260B			1
Bromoform	ND	mg/kg	0.011	0.0016	EPA-8260B			1
Bromomethane	ND	mg/kg	0.011	0.0038	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.011	0.0017	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.011	0.0016	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.011	0.0019	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.011	0.0017	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.011	0.0017	EPA-8260B			1
Chloroethane	ND	mg/kg	0.011	0.0024	EPA-8260B			1
Chloroform	ND	mg/kg	0.011	0.0020	EPA-8260B			1
Chloromethane	ND	mg/kg	0.011	0.0024	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.011	0.0019	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.011	0.0016	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.011	0.0018	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.011	0.0021	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.011	0.0018	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.011	0.0031	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.011	0.0018	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.011	0.0016	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.011	0.0016	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.011	0.0018	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.011	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.011	0.0016	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.011	0.0024	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.011	0.0012	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.011	0.0082	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.011	0.0018	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.011	0.0015	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.011	0.0015	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.011	0.0015	EPA-8260B			1

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-03	Client Sample Name:	RB-3-0.5, 5/23/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	mg/kg	0.011	0.0013	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.011	0.0015	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.011	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.011	0.0015	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.011	0.0018	EPA-8260B			1
p-Isopropyltoluene	0.015	mg/kg	0.011	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.022	0.0024	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.011	0.0012	EPA-8260B			1
Naphthalene	ND	mg/kg	0.011	0.0022	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.011	0.0016	EPA-8260B			1
Styrene	ND	mg/kg	0.011	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.011	0.0021	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.011	0.0019	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.011	0.0022	EPA-8260B			1
Toluene	0.0034	mg/kg	0.011	0.0015	EPA-8260B	J		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.011	0.0033	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.011	0.0031	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.011	0.0015	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.011	0.0021	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.011	0.0016	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.011	0.0033	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.011	0.0042	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.011	0.0022	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.011	0.0018	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.011	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.011	0.0013	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.022	0.0056	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.011	0.0033	EPA-8260B			1
o-Xylene	ND	mg/kg	0.011	0.0021	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:		Client Sample Name: RB-3-0.5, 5/23/2022 1:30:00PM						
DCN	Method	Prep Date	Run Date/Time		Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	05/31/22 19:21	06/02/22	12:34	EAB	MS-V17	2.222	B140959 EPA 5035 Soil MS

DCN = Data Continuation Number

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 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-03	Client Sample Name:	RB-3-0.5, 5/23/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	40	10	EPA-8015B/FFP	ND	A10	1
TPH - Diesel (FFP)	55	mg/kg	20	4.4	EPA-8015B/FFP	ND	A10,A52	1
TPH - Motor Oil	240	mg/kg	40	14	EPA-8015B/FFP	ND	A10,A57	1
Tetracosane (Surrogate)	104	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP		A10	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 12:11	BUP	GC-19	2.027	B141024	EPA 3550B		

DCN = Data Continuation Number

Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-03	Client Sample Name:	RB-3-0.5, 5/23/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	1.0	mg/kg	10	0.66	EPA-6010B	500	J,A10	1
Arsenic	2.1	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	72	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.43	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.82	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	120	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	26	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	61	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	23	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.074	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	1.2	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	65	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	50	6.4	EPA-6010B	700	A10	3
Vanadium	120	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	180	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 16:48	JCC	PE-OP3	1.942	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 12:19	TMT	CETAC3	1.008	B141112	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 12:32	JCC	PE-OP3	9.709	B140891	EPA 3050B

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Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-06	Client Sample Name:	RB-4-0.5, 5/23/2022 2:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0019	mg/kg	0.0050	0.00064	EPA-8081A	1.0	J,A10	1
4,4'-DDE	ND	mg/kg	0.0050	0.00095	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0033	mg/kg	0.0050	0.00040	EPA-8081A	1.0	J,A10,V11	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A		A10,V11	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	0.2	A10,V11	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	100	A10,V11	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	5	A10	1
TCMX (Surrogate)	74.3	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	115	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 09:22	HKS	GC-17	9.934	B141117	EPA 3550B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-06	Client Sample Name:	RB-4-0.5, 5/23/2022 2:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	36.7	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/02/22 22:18		HKS	GC-14	1.007	B141110	EPA 3550B

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 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-06	Client Sample Name:	RB-4-0.5, 5/23/2022 2:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B			1

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-06	Client Sample Name:	RB-4-0.5, 5/23/2022 2:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.4	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:		Client Sample Name: RB-4-0.5, 5/23/2022 2:00:00PM						
DCN	Method	Run			Analyst	Instrument	Dilution	QC Batch ID
		Prep Date	Date/Time					
1	EPA-8260B	05/31/22 19:21	06/02/22 12:56		EAB	MS-V17	1.040	B140959 EPA 5035 Soil MS

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-06	Client Sample Name:	RB-4-0.5, 5/23/2022 2:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	66	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	120	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	92.2	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 12:38	BUP	GC-19	1.007	B141024	EPA 3550B		

DCN = Data Continuation Number

Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-06	Client Sample Name:	RB-4-0.5, 5/23/2022 2:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A10	1
Arsenic	5.3	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	160	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.50	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.39	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	81	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	18	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	42	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	13	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.058	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	1.5	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	71	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	67	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	74	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 16:49	JCC	PE-OP3	2	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 12:21	TMT	CETAC3	0.977	B141112	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 10:49	JCC	PE-OP3	5	B140891	EPA 3050B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-09	Client Sample Name:	RB-5-0.5, 5/23/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	0.00065	mg/kg	0.00050	0.000064	EPA-8081A	1.0		1
4,4'-DDE	0.0016	mg/kg	0.00050	0.000095	EPA-8081A	1.0		1
4,4'-DDT	0.0035	mg/kg	0.00050	0.000040	EPA-8081A	1.0	V11	1
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A		V11	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2	V11	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100	V11	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	59.3	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	66.6	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 09:39	HKS	GC-17	0.993	B141117	EPA 3550B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-09	Client Sample Name:	RB-5-0.5, 5/23/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	0.0058	mg/kg	0.010	0.0016	EPA-8082	50	J	1
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	0.0058	mg/kg	0.010	0.0050	EPA-8082	50	J	1
Decachlorobiphenyl (Surrogate)	46.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

DCN	Method	Run			Analyst	Instrument	Dilution	QC	
		Prep Date	Date/Time	Batch ID				Prep Method	
1	EPA-8082	06/02/22 17:00	06/02/22 22:29	HKS	GC-14	1.017	B141110	EPA 3550B	

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-09	Client Sample Name:	RB-5-0.5, 5/23/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Benzene	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0080	0.0014	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0080	0.0013	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0080	0.0012	EPA-8260B			1
Bromoform	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0080	0.0027	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0080	0.0012	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0080	0.0014	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0080	0.0012	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0080	0.0012	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0080	0.0018	EPA-8260B			1
Chloroform	ND	mg/kg	0.0080	0.0014	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0080	0.0018	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0080	0.0014	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0080	0.0013	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0080	0.0015	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0080	0.0013	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0080	0.0022	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0080	0.0013	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0080	0.0012	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0080	0.0012	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0080	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0080	0.0010	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0080	0.0012	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0080	0.0018	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0080	0.00086	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0080	0.0059	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0080	0.0013	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0080	0.0011	EPA-8260B			1

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-09	Client Sample Name:	RB-5-0.5, 5/23/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	mg/kg	0.0080	0.00093	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0080	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0080	0.00094	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.016	0.0018	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0080	0.00089	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0080	0.0016	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
Styrene	ND	mg/kg	0.0080	0.00099	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0080	0.0015	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0080	0.0013	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0080	0.0015	EPA-8260B			1
Toluene	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0080	0.0024	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0080	0.0022	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0080	0.0015	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0080	0.0012	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0080	0.0024	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0080	0.0030	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0080	0.0016	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0080	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0080	0.0011	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0080	0.00094	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.016	0.0040	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0080	0.0024	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0080	0.0015	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.1	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.0	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:		Client Sample Name: RB-5-0.5, 5/23/2022 2:30:00PM						
DCN	Method	Run			Analyst	Instrument	Dilution	QC Batch ID
		Prep Date	Date/Time					
1	EPA-8260B	05/31/22 19:21	06/02/22 13:17		EAB	MS-V17	1.597	B140959 EPA 5035 Soil MS

DCN = Data Continuation Number

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 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-09	Client Sample Name:	RB-5-0.5, 5/23/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	55	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	160	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	126	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 06:11	BUP	GC-19	0.997	B141024	EPA 3550B		

DCN = Data Continuation Number

Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-09	Client Sample Name:	RB-5-0.5, 5/23/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A10	1
Arsenic	4.4	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	130	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.52	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.60	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	99	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	21	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	69	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	19	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.022	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	1.3	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	55	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	85	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	92	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 16:51	JCC	PE-OP3	1.961	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 12:23	TMT	CETAC3	1.008	B141112	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 10:51	JCC	PE-OP3	4.902	B140891	EPA 3050B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-12	Client Sample Name:	RB-6-0.5, 5/23/2022 3:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	1.0		1
4,4'-DDE	0.00039	mg/kg	0.00050	0.000095	EPA-8081A	1.0	J	1
4,4'-DDT	0.0013	mg/kg	0.00050	0.000040	EPA-8081A	1.0	V11	1
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A		V11	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2	V11	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100	V11	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	51.4	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	54.2	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 12:36	HKS	GC-17	0.993	B141117	EPA 3550B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-12	Client Sample Name:	RB-6-0.5, 5/23/2022 3:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	0.0034	mg/kg	0.010	0.0016	EPA-8082	50	J	1
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	41.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/02/22 22:41		HKS	GC-14	1.007	B141110	EPA 3550B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-12	Client Sample Name:	RB-6-0.5, 5/23/2022 3:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Benzene	ND	mg/kg	0.0060	0.00080	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0060	0.0010	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0060	0.00097	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0060	0.00093	EPA-8260B			1
Bromoform	ND	mg/kg	0.0060	0.00084	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0060	0.0020	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0060	0.00091	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0060	0.00085	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0060	0.0010	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0060	0.00093	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0060	0.00092	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0060	0.0013	EPA-8260B			1
Chloroform	ND	mg/kg	0.0060	0.0011	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0060	0.0013	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0060	0.0010	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0060	0.00084	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0060	0.00095	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0060	0.0011	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0060	0.00098	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0060	0.0017	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0060	0.00094	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0060	0.00087	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0060	0.00087	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0060	0.00094	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0060	0.00076	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0060	0.00087	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0060	0.0013	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0060	0.00064	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0060	0.0044	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0060	0.00095	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0060	0.00080	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0060	0.00080	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0060	0.00080	EPA-8260B			1

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-12	Client Sample Name:	RB-6-0.5, 5/23/2022 3:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	mg/kg	0.0060	0.00069	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0060	0.00079	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0060	0.00082	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0060	0.00080	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0060	0.00095	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0060	0.00070	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.012	0.0013	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0060	0.00067	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0060	0.0012	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0060	0.00085	EPA-8260B			1
Styrene	ND	mg/kg	0.0060	0.00074	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0060	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0060	0.0010	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0060	0.0012	EPA-8260B			1
Toluene	ND	mg/kg	0.0060	0.00082	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0060	0.0018	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0060	0.0017	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0060	0.00080	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0060	0.0011	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0060	0.00088	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0060	0.0018	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0060	0.0023	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0060	0.0012	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0060	0.00095	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0060	0.00079	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0060	0.00070	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.012	0.0030	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0060	0.0018	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0060	0.0011	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	116	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.5	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:		Client Sample Name: RB-6-0.5, 5/23/2022 3:00:00PM						
DCN	Method	Run			Analyst	Instrument	Dilution	QC Batch ID
		Prep Date	Date/Time					
1	EPA-8260B	05/31/22 19:21	06/02/22 13:39		EAB	MS-V17	1.193	B140959 EPA 5035 Soil MS

DCN = Data Continuation Number

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 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-12	Client Sample Name:	RB-6-0.5, 5/23/2022 3:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	23	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	127	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 13:05	BUP	GC-19	1.003	B141024	EPA 3550B		

DCN = Data Continuation Number

Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-12	Client Sample Name:	RB-6-0.5, 5/23/2022 3:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A10	1
Arsenic	3.6	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	82	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.44	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.55	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	97	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	25	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	71	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	7.8	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.066	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	1.1	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	71	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	100	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	69	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 16:53	JCC	PE-OP3	1.869	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 12:25	TMT	CETAC3	0.962	B141112	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 12:30	JCC	PE-OP3	4.673	B140891	EPA 3050B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-15	Client Sample Name:	RB-7-0.5, 5/23/2022 3:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0025	0.00032	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0010	mg/kg	0.0025	0.00048	EPA-8081A	1.0	J,A10	1
4,4'-DDT	0.0036	mg/kg	0.0025	0.00020	EPA-8081A	1.0	A10,V11	1
Dieldrin	0.0012	mg/kg	0.0025	0.00018	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A		A10,V11	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	0.2	A10,V11	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	100	A10,V11	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	5	A10	1
TCMX (Surrogate)	76.3	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	90.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 12:52	HKS	GC-17	4.983	B141117	EPA 3550B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-15	Client Sample Name:	RB-7-0.5, 5/23/2022 3:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	0.0085	mg/kg	0.010	0.0018	EPA-8082	50	J	1
Total PCB's (Summation)	0.0085	mg/kg	0.010	0.0050	EPA-8082	50	J	1
Decachlorobiphenyl (Surrogate)	58.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/02/22 23:27		HKS	GC-14	1.017	B141110	EPA 3550B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-15	Client Sample Name:	RB-7-0.5, 5/23/2022 3:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Benzene	ND	mg/kg	0.013	0.0017	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.013	0.0023	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.013	0.0021	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.013	0.0020	EPA-8260B			1
Bromoform	ND	mg/kg	0.013	0.0018	EPA-8260B			1
Bromomethane	ND	mg/kg	0.013	0.0044	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.013	0.0020	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.013	0.0018	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.013	0.0022	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.013	0.0020	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.013	0.0020	EPA-8260B			1
Chloroethane	ND	mg/kg	0.013	0.0029	EPA-8260B			1
Chloroform	ND	mg/kg	0.013	0.0023	EPA-8260B			1
Chloromethane	ND	mg/kg	0.013	0.0029	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.013	0.0023	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.013	0.0018	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.013	0.0021	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.013	0.0025	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.013	0.0021	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.013	0.0036	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.013	0.0021	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.013	0.0019	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.013	0.0019	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.013	0.0021	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.013	0.0017	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.013	0.0019	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.013	0.0029	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.013	0.0014	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.013	0.0096	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.013	0.0021	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.013	0.0017	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.013	0.0017	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.013	0.0017	EPA-8260B			1

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49

Project: Soil Samples

Project Number: 22-12562 Hawthorns

Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-15	Client Sample Name: RB-7-0.5, 5/23/2022 3:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	mg/kg	0.013	0.0015	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.013	0.0017	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.013	0.0018	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.013	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.013	0.0021	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.013	0.0015	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.026	0.0029	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.013	0.0015	EPA-8260B			1
Naphthalene	ND	mg/kg	0.013	0.0026	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.013	0.0018	EPA-8260B			1
Styrene	ND	mg/kg	0.013	0.0016	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.013	0.0025	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.013	0.0022	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.013	0.0025	EPA-8260B			1
Toluene	ND	mg/kg	0.013	0.0018	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.013	0.0039	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.013	0.0036	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.013	0.0017	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.013	0.0024	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.013	0.0019	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.013	0.0039	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.013	0.0049	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.013	0.0026	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.013	0.0021	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.013	0.0017	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.013	0.0015	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.026	0.0065	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.013	0.0039	EPA-8260B			1
o-Xylene	ND	mg/kg	0.013	0.0024	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.1	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.1	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:		Client Sample Name: RB-7-0.5, 5/23/2022 3:30:00PM						
DCN	Method	Run			Instrument	Dilution	QC	Batch ID
		Prep Date	Date/Time	Analyst				
1	EPA-8260B	05/31/22 19:21	06/02/22 14:01	EAB	MS-V17	2.604	B140959	EPA 5035 Soil MS

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-15	Client Sample Name:	RB-7-0.5, 5/23/2022 3:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	20	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	170	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	124	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 13:32	BUP	GC-19	0.984	B141024	EPA 3550B		

DCN = Data Continuation Number

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Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-15	Client Sample Name:	RB-7-0.5, 5/23/2022 3:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	3.6	mg/kg	10	0.66	EPA-6010B	500	J,A10	1
Arsenic	4.8	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	89	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.41	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	2.7	mg/kg	1.0	0.10	EPA-6010B	100	A10	1
Chromium	91	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	24	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	67	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	29	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.053	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	1.7	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	69	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	96	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	180	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 16:55	JCC	PE-OP3	1.869	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 12:28	TMT	CETAC3	1.025	B141112	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 10:54	JCC	PE-OP3	4.673	B140891	EPA 3050B

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Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-18	Client Sample Name:	RB-8-1, 5/23/2022 4:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	46.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/02/22 23:38		HKS	GC-14	1.014	B141110	EPA 3550B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-18	Client Sample Name:	RB-8-1, 5/23/2022 4:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	8.4	mg/kg	10	2.2	EPA-8015B/FFP	ND	J,A52	1
TPH - Motor Oil	73	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	107	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 13:59	BUP	GC-19	0.984	B141024	EPA 3550B		

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-18	Client Sample Name:	RB-8-1, 5/23/2022 4:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A10	1
Arsenic	4.1	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	110	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.42	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.52	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	75	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	15	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	32	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	11	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.13	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	0.89	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	62	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	60	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	86	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 16:57	JCC	PE-OP3	2	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 12:38	TMT	CETAC3	0.977	B141111	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 11:00	JCC	PE-OP3	5	B140891	EPA 3050B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-19	Client Sample Name:	RB-9-1, 5/23/2022 4:20:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	35.0	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/02/22 23:50		HKS	GC-14	0.993	B141110	EPA 3550B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-19	Client Sample Name:	RB-9-1, 5/23/2022 4:20:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	34	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	140	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	106	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 14:26	BUP	GC-19	1	B141024	EPA 3550B		

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

WET Test (STLC)

BCL Sample ID:	2212517-19	Client Sample Name: RB-9-1, 5/23/2022 4:20:00PM						
Constituent	Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	DCN
Chromium	0.23	mg/L	0.10	0.0092	EPA-6010B	5.0		1
Lead	1.0	mg/L	0.50	0.13	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/19/22 12:30	06/20/22 12:07	JCC	PE-OP3	1	B142285	EPA 3005A

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

TCLP Toxicity

BCL Sample ID:	2212517-19	Client Sample Name:	RB-9-1, 5/23/2022 4:20:00PM					
Constituent	Result	Units	PQL	MDL	Method	TCLP Limits	Lab Quals	DCN
Chromium	ND	mg/L	0.10	0.0075	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run			Dilution	QC Batch ID	Prep Method
			Date/Time	Analyst	Instrument			
1	EPA-6010B	06/22/22 09:50	06/22/22 16:03	JCC	PE-OP3	1	B142479	EPA 3050B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-19	Client Sample Name:	RB-9-1, 5/23/2022 4:20:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	1.0	mg/kg	10	0.66	EPA-6010B	500	J,A10	1
Arsenic	4.7	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	110	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.46	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.60	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	100	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	23	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	53	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	67	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.20	mg/kg	0.16	0.016	EPA-7471A	20		2
Molybdenum	1.0	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	69	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	100	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	99	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 16:59	JCC	PE-OP3	2	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 12:49	TMT	CETAC3	1.025	B141111	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 11:02	JCC	PE-OP3	5	B140891	EPA 3050B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-20	Client Sample Name:	RB-10-1, 5/24/2022 8:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.020	0.0046	EPA-8082	50	A10	1
PCB-1221	ND	mg/kg	0.020	0.0066	EPA-8082	50	A10	1
PCB-1232	ND	mg/kg	0.020	0.0052	EPA-8082	50	A10	1
PCB-1242	ND	mg/kg	0.020	0.0030	EPA-8082	50	A10	1
PCB-1248	ND	mg/kg	0.020	0.0042	EPA-8082	50	A10	1
PCB-1254	ND	mg/kg	0.020	0.0032	EPA-8082	50	A10	1
PCB-1260	ND	mg/kg	0.020	0.0036	EPA-8082	50	A10	1
Total PCB's (Summation)	ND	mg/kg	0.020	0.010	EPA-8082	50	A10	1
Decachlorobiphenyl (Surrogate)	23.3	%	40 - 120 (LCL - UCL)		EPA-8082		A10,S09	1

DCN	Method	Run			Analyst	Instrument	Dilution	QC	
		Prep Date	Date/Time	Batch ID				Prep Method	
1	EPA-8082	06/02/22 17:00	06/03/22 00:01	HKS	GC-14	2.013	B141110	EPA 3550B	

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-20	Client Sample Name:	RB-10-1, 5/24/2022 8:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	46	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	230	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	118	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 14:53	BUP	GC-19	1.010	B141024	EPA 3550B		

DCN = Data Continuation Number

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-20	Client Sample Name:	RB-10-1, 5/24/2022 8:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A10	1
Arsenic	2.3	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	49	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.34	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.32	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	91	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	20	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	48	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	17	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.10	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	0.97	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	46	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	100	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	49	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 17:11	JCC	PE-OP3	1.961	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 12:51	TMT	CETAC3	1.008	B141111	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 11:04	JCC	PE-OP3	4.902	B140891	EPA 3050B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-21	Client Sample Name:	RB-11-1, 5/24/2022 9:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.050	0.012	EPA-8082	50	A10	1
PCB-1221	ND	mg/kg	0.050	0.016	EPA-8082	50	A10	1
PCB-1232	ND	mg/kg	0.050	0.013	EPA-8082	50	A10	1
PCB-1242	ND	mg/kg	0.050	0.0075	EPA-8082	50	A10	1
PCB-1248	ND	mg/kg	0.050	0.010	EPA-8082	50	A10	1
PCB-1254	ND	mg/kg	0.050	0.0080	EPA-8082	50	A10	1
PCB-1260	ND	mg/kg	0.050	0.0090	EPA-8082	50	A10	1
Total PCB's (Summation)	ND	mg/kg	0.050	0.025	EPA-8082	50	A10	1
Decachlorobiphenyl (Surrogate)	66.7	%	40 - 120 (LCL - UCL)		EPA-8082		A10	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/03/22 00:12		HKS	GC-14	5.017	B141110	EPA 3550B

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 180 North Ashwood Avenue
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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-21	Client Sample Name:	RB-11-1, 5/24/2022 9:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	16	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	83	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	117	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 17:09	BUP	GC-19	0.997	B141024	EPA 3550B		

DCN = Data Continuation Number

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-21	Client Sample Name:	RB-11-1, 5/24/2022 9:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A10	1
Arsenic	1.7	mg/kg	2.0	0.80	EPA-6010B	500	J,A10	1
Barium	77	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.43	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.56	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	130	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	28	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	60	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	28	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.24	mg/kg	0.16	0.016	EPA-7471A	20		2
Molybdenum	1.3	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	65	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	130	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	74	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 17:13	JCC	PE-OP3	1.942	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 12:53	TMT	CETAC3	0.992	B141111	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 12:34	JCC	PE-OP3	4.854	B140891	EPA 3050B

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 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-22	Client Sample Name:	RB-12-0.5, 5/24/2022 10:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.020	0.0046	EPA-8082	50	A10	1
PCB-1221	ND	mg/kg	0.020	0.0066	EPA-8082	50	A10	1
PCB-1232	ND	mg/kg	0.020	0.0052	EPA-8082	50	A10	1
PCB-1242	ND	mg/kg	0.020	0.0030	EPA-8082	50	A10	1
PCB-1248	ND	mg/kg	0.020	0.0042	EPA-8082	50	A10	1
PCB-1254	ND	mg/kg	0.020	0.0032	EPA-8082	50	A10	1
PCB-1260	ND	mg/kg	0.020	0.0036	EPA-8082	50	A10	1
Total PCB's (Summation)	ND	mg/kg	0.020	0.010	EPA-8082	50	A10	1
Decachlorobiphenyl (Surrogate)	53.3	%	40 - 120 (LCL - UCL)		EPA-8082		A10	1

DCN	Method	Prep Date	Run Date/Time		Analyst	Instrument	Dilution	QC	
			Date	Time				Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/03/22 00:24		HKS	GC-14	1.993	B141110	EPA 3550B

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-22	Client Sample Name:	RB-12-0.5, 5/24/2022 10:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Benzene	ND	mg/kg	0.0076	0.0010	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0076	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0076	0.0012	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0076	0.0012	EPA-8260B			1
Bromoform	ND	mg/kg	0.0076	0.0011	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0076	0.0026	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0076	0.0011	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0076	0.0011	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0076	0.0013	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0076	0.0012	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0076	0.0012	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0076	0.0017	EPA-8260B			1
Chloroform	ND	mg/kg	0.0076	0.0014	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0076	0.0017	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0076	0.0013	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0076	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0076	0.0012	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0076	0.0015	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0076	0.0012	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0076	0.0021	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0076	0.0012	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0076	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0076	0.0011	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0076	0.0012	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0076	0.00097	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0076	0.0011	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0076	0.0017	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0076	0.00082	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0076	0.0056	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0076	0.0012	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0076	0.0010	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0076	0.0010	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0076	0.0010	EPA-8260B			1

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49

Project: Soil Samples

Project Number: 22-12562 Hawthorns

Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-22	Client Sample Name:	RB-12-0.5, 5/24/2022 10:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	mg/kg	0.0076	0.00088	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0076	0.0010	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0076	0.0010	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0076	0.0010	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0076	0.0012	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0076	0.00089	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.015	0.0017	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0076	0.00085	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0076	0.0015	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0076	0.0011	EPA-8260B			1
Styrene	ND	mg/kg	0.0076	0.00094	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0076	0.0014	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0076	0.0013	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0076	0.0015	EPA-8260B			1
Toluene	0.0022	mg/kg	0.0076	0.0010	EPA-8260B	J		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0076	0.0023	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0076	0.0021	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0076	0.0010	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0076	0.0014	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0076	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0076	0.0023	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0076	0.0029	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0076	0.0015	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0076	0.0012	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0076	0.0010	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0076	0.00089	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.015	0.0038	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0076	0.0023	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0076	0.0014	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	114	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.1	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:		Client Sample Name: RB-12-0.5, 5/24/2022 10:30:00AM						
DCN	Method	Prep Date	Run Date/Time		Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	05/31/22 19:21	06/02/22	14:22	EAB	MS-V17	1.511	B140959 EPA 5035 Soil MS

DCN = Data Continuation Number

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 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-22	Client Sample Name:	RB-12-0.5, 5/24/2022 10:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	20	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	210	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	111	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 17:36	BUP	GC-19	0.997	B141024	EPA 3550B		

DCN = Data Continuation Number

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 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

WET Test (STLC)

BCL Sample ID:	2212517-22	Client Sample Name: RB-12-0.5, 5/24/2022 10:30:00AM						
Constituent	Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	DCN
Chromium	0.22	mg/L	0.10	0.0092	EPA-6010B	5.0		1
Lead	0.31	mg/L	0.50	0.13	EPA-6010B	5.0	J	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/19/22 12:30	06/20/22 12:09	JCC	PE-OP3	1	B142285	EPA 3005A

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

TCLP Toxicity

BCL Sample ID:	2212517-22	Client Sample Name:	RB-12-0.5, 5/24/2022 10:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TCLP Limits	Lab Quals	DCN
Chromium	ND	mg/L	0.10	0.0075	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	06/22/22 09:50	06/22/22	16:05	JCC	PE-OP3	1	B142479	EPA 3050B

DCN = Data Continuation Number

Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-22	Client Sample Name:	RB-12-0.5, 5/24/2022 10:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A10	1
Arsenic	1.1	mg/kg	2.0	0.80	EPA-6010B	500	J,A10	1
Barium	74	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.51	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.77	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	180	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	36	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	94	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	79	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.043	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	0.40	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	87	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	50	6.4	EPA-6010B	700	A10	3
Vanadium	170	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	91	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 17:27	JCC	PE-OP3	1.887	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 13:00	TMT	CETAC3	1.008	B141111	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 12:39	JCC	PE-OP3	9.434	B140891	EPA 3050B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-25	Client Sample Name:	RB-13-0.5, 5/24/2022 11:45:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	0.010	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	0.010	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	41.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/03/22 00:35		HKS	GC-14	1.007	B141110	EPA 3550B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-25	Client Sample Name:	RB-13-0.5, 5/24/2022 11:45:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Benzene	ND	mg/kg	0.0077	0.0010	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0077	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0077	0.0012	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0077	0.0012	EPA-8260B			1
Bromoform	ND	mg/kg	0.0077	0.0011	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0077	0.0026	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0077	0.0012	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0077	0.0011	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0077	0.0013	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0077	0.0012	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0077	0.0012	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0077	0.0017	EPA-8260B			1
Chloroform	ND	mg/kg	0.0077	0.0014	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0077	0.0017	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0077	0.0013	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0077	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0077	0.0012	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0077	0.0015	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0077	0.0013	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0077	0.0021	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0077	0.0012	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0077	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0077	0.0011	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0077	0.0012	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0077	0.00098	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0077	0.0011	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0077	0.0017	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0077	0.00083	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0077	0.0057	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0077	0.0012	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0077	0.0010	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0077	0.0010	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0077	0.0010	EPA-8260B			1

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 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-25	Client Sample Name: RB-13-0.5, 5/24/2022 11:45:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	mg/kg	0.0077	0.00089	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0077	0.0010	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0077	0.0011	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0077	0.0010	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0077	0.0012	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0077	0.00090	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.015	0.0017	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0077	0.00086	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0077	0.0015	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0077	0.0011	EPA-8260B			1
Styrene	ND	mg/kg	0.0077	0.00095	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0077	0.0015	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0077	0.0013	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0077	0.0015	EPA-8260B			1
Toluene	ND	mg/kg	0.0077	0.0011	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0077	0.0023	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0077	0.0021	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0077	0.0010	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0077	0.0014	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0077	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0077	0.0023	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0077	0.0029	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0077	0.0015	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0077	0.0012	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0077	0.0010	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0077	0.00090	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.015	0.0038	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0077	0.0023	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0077	0.0014	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	116	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.3	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:		Client Sample Name: RB-13-0.5, 5/24/2022 11:45:00AM						
DCN	Method	Prep Date	Run Date/Time		Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	05/31/22 19:21	06/02/22	14:44	EAB	MS-V17	1.534	B140959 EPA 5035 Soil MS

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-25	Client Sample Name:	RB-13-0.5, 5/24/2022 11:45:00AM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	100	25	EPA-8015B/FFP	ND	A10	1
TPH - Diesel (FFP)	53	mg/kg	50	11	EPA-8015B/FFP	ND	A10,A52	1
TPH - Motor Oil	700	mg/kg	100	35	EPA-8015B/FFP	ND	A10,A57	1
Tetracosane (Surrogate)	97.9	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP		A10	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 18:31	BUP	GC-19	4.934	B141024	EPA 3550B		

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

WET Test (STLC)

BCL Sample ID:	2212517-25	Client Sample Name: RB-13-0.5, 5/24/2022 11:45:00AM						
Constituent	Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	DCN
Chromium	0.28	mg/L	0.10	0.0092	EPA-6010B	5.0		1
Lead	12	mg/L	0.50	0.13	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/19/22 12:30	06/20/22 12:11	JCC	PE-OP3	1	B142285	EPA 3005A

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

TCLP Toxicity

BCL Sample ID:	2212517-25	Client Sample Name:	RB-13-0.5, 5/24/2022 11:45:00AM					
Constituent	Result	Units	PQL	MDL	Method	TCLP Limits	Lab Quals	DCN
Chromium	ND	mg/L	0.10	0.0075	EPA-6010B	5.0		1
Lead	ND	mg/L	0.50	0.030	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run	Analyst	Instrument	Dilution	QC	Batch ID	Prep Method
			Date/Time						
1	EPA-6010B	06/22/22 09:50	06/22/22 16:07	JCC	PE-OP3	1		B142479	EPA 3050B

DCN = Data Continuation Number

Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-25	Client Sample Name:	RB-13-0.5, 5/24/2022 11:45:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A10	1
Arsenic	ND	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	86	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.48	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	1.3	mg/kg	1.0	0.10	EPA-6010B	100	A10	1
Chromium	170	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	34	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	95	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	240	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.048	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	1.2	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	83	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	50	6.4	EPA-6010B	700	A10	3
Vanadium	160	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	130	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 17:17	JCC	PE-OP3	1.961	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 13:02	TMT	CETAC3	0.992	B141111	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 12:49	JCC	PE-OP3	9.804	B140891	EPA 3050B

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-26	Client Sample Name:	RB-13-1.5, 5/24/2022 11:50:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Lead	310	mg/kg	25	4.1	EPA-6010B	1000	A10	1

DCN	Method	Prep Date	Run Date/Time			Instrument	Dilution	QC Batch ID	Prep Method
			Analyst	Instrument	Dilution				
1	EPA-6010B	06/17/22 06:42	06/17/22 18:16	JCC	PE-OP3	10	B142176	EPA 3050B	

DCN = Data Continuation Number

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 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-27	Client Sample Name:	RB-13-3, 5/24/2022 11:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Lead	170	mg/kg	12	2.0	EPA-6010B	1000	A10	1

DCN	Method	Prep Date	Run Date/Time			Instrument	Dilution	QC Batch ID	Prep Method
			Analyst	Instrument	Dilution				
1	EPA-6010B	06/24/22 17:30	06/27/22 10:05	JCC	PE-OP3	5	B142737	EPA 3050B	

DCN = Data Continuation Number

Rincon Consultants-Ventura
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 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-28	Client Sample Name:	RB-14-0.5, 5/24/2022 11:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	25.0	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/03/22 00:47		HKS	GC-14	1.003	B141110	EPA 3550B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-28	Client Sample Name:	RB-14-0.5, 5/24/2022 11:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Benzene	ND	mg/kg	0.0059	0.00078	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0059	0.0010	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0059	0.00095	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0059	0.00091	EPA-8260B			1
Bromoform	ND	mg/kg	0.0059	0.00082	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0059	0.0020	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0059	0.00089	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0059	0.00083	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0059	0.0010	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0059	0.00091	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0059	0.00090	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0059	0.0013	EPA-8260B			1
Chloroform	ND	mg/kg	0.0059	0.0011	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0059	0.0013	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0059	0.0010	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0059	0.00082	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0059	0.00094	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0059	0.0011	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0059	0.00096	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0059	0.0016	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0059	0.00093	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0059	0.00085	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0059	0.00085	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0059	0.00093	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0059	0.00075	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0059	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0059	0.0013	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0059	0.00063	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0059	0.0043	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0059	0.00094	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0059	0.00078	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0059	0.00078	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0059	0.00078	EPA-8260B			1

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-28	Client Sample Name:	RB-14-0.5, 5/24/2022 11:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	mg/kg	0.0059	0.00068	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0059	0.00077	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0059	0.00081	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0059	0.00078	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0059	0.00094	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0059	0.00069	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.012	0.0013	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0059	0.00066	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0059	0.0012	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0059	0.00083	EPA-8260B			1
Styrene	ND	mg/kg	0.0059	0.00073	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0059	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0059	0.00098	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0059	0.0011	EPA-8260B			1
Toluene	ND	mg/kg	0.0059	0.00081	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0059	0.0018	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0059	0.0016	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0059	0.00078	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0059	0.0011	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0059	0.00087	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0059	0.0018	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0059	0.0022	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0059	0.0012	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0059	0.00094	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0059	0.00077	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0059	0.00069	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.012	0.0029	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0059	0.0018	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0059	0.0011	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	117	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.6	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.1	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:		Client Sample Name: RB-14-0.5, 5/24/2022 11:55:00AM						
DCN	Method	Run			Analyst	Instrument	Dilution	QC Batch ID
		Prep Date	Date/Time					
1	EPA-8260B	05/31/22 19:21	06/02/22 15:06		EAB	MS-V17	1.171	B140959 EPA 5035 Soil MS

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-28	Client Sample Name:	RB-14-0.5, 5/24/2022 11:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	17	mg/kg	20	7.0	EPA-8015B/FFP	ND	J,A57	1
Tetracosane (Surrogate)	123	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 19:32	BUP	GC-19	1	B141024	EPA 3550B		

DCN = Data Continuation Number

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

WET Test (STLC)

BCL Sample ID:	2212517-28	Client Sample Name:	RB-14-0.5, 5/24/2022 11:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	DCN
Chromium	0.28	mg/L	0.10	0.0092	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run			Dilution	QC	
			Date/Time	Analyst	Instrument		Batch ID	Prep Method
1	EPA-6010B	06/22/22 14:00	06/22/22 16:58	JCC	PE-OP3	1	B142525	EPA 3005A

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

TCLP Toxicity

BCL Sample ID:	2212517-28	Client Sample Name:	RB-14-0.5, 5/24/2022 11:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	TCLP Limits	Lab Quals	DCN
Chromium	ND	mg/L	0.10	0.0075	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	06/22/22 09:50	06/22/22	16:09	JCC	PE-OP3	1	B142479	EPA 3050B

DCN = Data Continuation Number

Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-28	Client Sample Name:	RB-14-0.5, 5/24/2022 11:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A10	1
Arsenic	2.1	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	68	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.45	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.58	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	150	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	36	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	75	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	19	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.027	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	1.3	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	79	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	0.45	mg/kg	1.0	0.13	EPA-6010B	500	J,A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	140	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	59	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 17:19	JCC	PE-OP3	1.923	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 11:30	TMT	CETAC3	1.025	B141112	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 11:16	JCC	PE-OP3	4.808	B140891	EPA 3050B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-31	Client Sample Name:	RB-15-0.5, 5/24/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	31.7	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/03/22 00:58		HKS	GC-14	0.993	B141110	EPA 3550B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-31	Client Sample Name:	RB-15-0.5, 5/24/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Benzene	ND	mg/kg	0.0057	0.00076	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0057	0.00099	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0057	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0057	0.00089	EPA-8260B			1
Bromoform	ND	mg/kg	0.0057	0.00080	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0057	0.0019	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0057	0.00086	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0057	0.00081	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0057	0.00097	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0057	0.00089	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0057	0.00088	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0057	0.0012	EPA-8260B			1
Chloroform	ND	mg/kg	0.0057	0.0010	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0057	0.0012	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0057	0.00099	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0057	0.00080	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0057	0.00091	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0057	0.0011	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0057	0.00093	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0057	0.0016	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0057	0.00090	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0057	0.00083	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0057	0.00083	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0057	0.00090	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0057	0.00073	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0057	0.00083	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0057	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0057	0.00061	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0057	0.0042	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0057	0.00091	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0057	0.00076	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0057	0.00076	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0057	0.00076	EPA-8260B			1

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-31	Client Sample Name:	RB-15-0.5, 5/24/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	mg/kg	0.0057	0.00066	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0057	0.00075	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0057	0.00078	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0057	0.00076	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0057	0.00091	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0057	0.00067	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.011	0.0012	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0057	0.00064	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0057	0.0011	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0057	0.00081	EPA-8260B			1
Styrene	ND	mg/kg	0.0057	0.00070	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0057	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0057	0.00095	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0057	0.0011	EPA-8260B			1
Toluene	ND	mg/kg	0.0057	0.00078	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0057	0.0017	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0057	0.0016	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0057	0.00076	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0057	0.0011	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0057	0.00084	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0057	0.0017	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0057	0.0022	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0057	0.0011	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0057	0.00091	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0057	0.00075	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0057	0.00067	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.011	0.0028	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0057	0.0017	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0057	0.0011	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	117	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.4	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:		Client Sample Name: RB-15-0.5, 5/24/2022 1:30:00PM						
DCN	Method	Run			Analyst	Instrument	Dilution	QC Batch ID
		Prep Date	Date/Time					
1	EPA-8260B	05/31/22 19:21	06/02/22 15:27		EAB	MS-V17	1.136	B140959 EPA 5035 Soil MS

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-31	Client Sample Name:	RB-15-0.5, 5/24/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	7.0	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	123	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 19:59	BUP	GC-19	1.010	B141024	EPA 3550B		

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

WET Test (STLC)

BCL Sample ID:	2212517-31	Client Sample Name: RB-15-0.5, 5/24/2022 1:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	DCN
Chromium	0.25	mg/L	0.10	0.0092	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run Date/Time			Instrument	Dilution	QC	
			Analyst	Batch ID	Prep Method				
1	EPA-6010B	06/19/22 12:30	06/20/22 12:13	JCC	PE-OP3	1	B142285	EPA 3005A	

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

TCLP Toxicity

BCL Sample ID:	2212517-31	Client Sample Name:	RB-15-0.5, 5/24/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TCLP Limits	Lab Quals	DCN
Chromium	ND	mg/L	0.10	0.0075	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	06/22/22 09:50	06/22/22 16:11		JCC	PE-OP3	1	B142479	EPA 3050B

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
 Project: Soil Samples
 Project Number: 22-12562 Hawthorns
 Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-31	Client Sample Name:	RB-15-0.5, 5/24/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	1.2	mg/kg	9.1	0.60	EPA-6010B	500	J,A10	1
Arsenic	1.0	mg/kg	1.8	0.73	EPA-6010B	500	J,A10	1
Barium	53	mg/kg	0.91	0.33	EPA-6010B	10000	A10	1
Beryllium	0.44	mg/kg	0.91	0.085	EPA-6010B	75	J,A10	1
Cadmium	0.54	mg/kg	0.91	0.095	EPA-6010B	100	J,A10	1
Chromium	150	mg/kg	0.91	0.091	EPA-6010B	2500	A10	1
Cobalt	31	mg/kg	4.5	0.18	EPA-6010B	8000	A10	1
Copper	72	mg/kg	1.8	0.091	EPA-6010B	2500	A10	1
Lead	3.2	mg/kg	4.5	0.75	EPA-6010B	1000	J,A10	1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	20		2
Molybdenum	0.93	mg/kg	4.5	0.091	EPA-6010B	3500	J,A10	1
Nickel	81	mg/kg	0.91	0.27	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	1.8	1.8	EPA-6010B	100	A10	1
Silver	ND	mg/kg	0.91	0.12	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	23	2.9	EPA-6010B	700	A10	3
Vanadium	140	mg/kg	0.91	0.20	EPA-6010B	2400	A10	1
Zinc	53	mg/kg	4.5	0.16	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 17:21	JCC	PE-OP3	1.818	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 13:04	TMT	CETAC3	0.977	B141111	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 11:17	JCC	PE-OP3	4.545	B140891	EPA 3050B

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-34	Client Sample Name:	RB-16-0.5, 5/24/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00064	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0050	0.00095	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0050	0.00040	EPA-8081A	1.0	A10,V11	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A		A10,V11	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	0.2	A10,V11	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	100	A10,V11	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	5	A10	1
TCMX (Surrogate)	50.4	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	61.4	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 13:09	HKS	GC-17	9.868	B141117	EPA 3550B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-34	Client Sample Name:	RB-16-0.5, 5/24/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	20.0	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/03/22 01:10		HKS	GC-14	0.990	B141110	EPA 3550B

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Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-34	Client Sample Name:	RB-16-0.5, 5/24/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Benzene	ND	mg/kg	0.0064	0.00085	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0064	0.0011	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0064	0.0010	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0064	0.00099	EPA-8260B			1
Bromoform	ND	mg/kg	0.0064	0.00089	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0064	0.0022	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0064	0.00097	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0064	0.00091	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0064	0.0011	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0064	0.00099	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0064	0.00098	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0064	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0064	0.0011	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0064	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0064	0.0011	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0064	0.00089	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0064	0.0010	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0064	0.0012	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0064	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0064	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0064	0.0010	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0064	0.00093	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0064	0.00093	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0064	0.0010	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0064	0.00082	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0064	0.00093	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0064	0.0014	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0064	0.00069	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0064	0.0047	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0064	0.0010	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0064	0.00085	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0064	0.00085	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0064	0.00085	EPA-8260B			1

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49

Project: Soil Samples

Project Number: 22-12562 Hawthorns

Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:	2212517-34	Client Sample Name:	RB-16-0.5, 5/24/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
cis-1,3-Dichloropropene	ND	mg/kg	0.0064	0.00074	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0064	0.00084	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0064	0.00088	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0064	0.00085	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0064	0.0010	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0064	0.00075	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.013	0.0014	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0064	0.00071	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0064	0.0013	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0064	0.00091	EPA-8260B			1
Styrene	ND	mg/kg	0.0064	0.00079	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0064	0.0012	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0064	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0064	0.0012	EPA-8260B			1
Toluene	ND	mg/kg	0.0064	0.00088	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0064	0.0019	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0064	0.0018	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0064	0.00085	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0064	0.0012	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0064	0.00094	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0064	0.0019	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0064	0.0024	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0064	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0064	0.0010	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0064	0.00084	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0064	0.00075	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.013	0.0032	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0064	0.0019	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0064	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	116	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.4	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.5	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID:		Client Sample Name: RB-16-0.5, 5/24/2022 2:30:00PM						
DCN	Method	Prep Date	Run		Instrument	Dilution	QC	Batch ID
			Date/Time	Analyst				
1	EPA-8260B	05/31/22 19:21	06/02/22 15:49	EAB	MS-V17	1.276	B140959	EPA 5035 Soil MS

DCN = Data Continuation Number

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 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-34	Client Sample Name:	RB-16-0.5, 5/24/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	6.3	mg/kg	10	2.2	EPA-8015B/FFP	ND	J,A52	1
TPH - Motor Oil	57	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	97.3	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 20:27	BUP	GC-19	0.993	B141024	EPA 3550B		

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
 Project: Soil Samples
 Project Number: 22-12562 Hawthorns
 Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-34	Client Sample Name:	RB-16-0.5, 5/24/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	0.88	mg/kg	10	0.66	EPA-6010B	500	J,A10	1
Arsenic	2.1	mg/kg	2.0	0.80	EPA-6010B	500	A10	1
Barium	57	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.48	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.69	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	170	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	35	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	83	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	25	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	20		2
Molybdenum	0.55	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	88	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	700	A10	3
Vanadium	160	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	65	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 17:29	JCC	PE-OP3	1.942	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 13:06	TMT	CETAC3	0.992	B141111	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 12:46	JCC	PE-OP3	4.854	B140891	EPA 3050B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

TCLP Toxicity

BCL Sample ID:	2212517-38	Client Sample Name: RB-13N1-1, 5/24/2022 3:35:00PM						
Constituent	Result	Units	PQL	MDL	Method	TCLP Limits	Lab Quals	DCN
Lead	0.75	mg/L	0.50	0.030	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run			Dilution	QC	
			Date/Time	Analyst	Instrument		Batch ID	Prep Method
1	EPA-6010B	06/28/22 10:00	06/28/22 15:31	JCC	PE-OP3	1	B142884	EPA 3050B

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-38	Client Sample Name:	RB-13N1-1, 5/24/2022 3:35:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Lead	1700	mg/kg	25	4.1	EPA-6010B	1000	A10	1

DCN	Method	Prep Date	Run Date/Time			Instrument	Dilution	QC Batch ID	Prep Method
			Analyst	Instrument	Dilution				
1	EPA-6010B	06/17/22 06:42	06/17/22 18:17	JCC	PE-OP3	9.901	B142176	EPA 3050B	

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

WET Test (STLC)

BCL Sample ID:	2212517-39	Client Sample Name: RB-13E1-1, 5/24/2022 3:40:00PM						
Constituent	Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	DCN
Lead	21	mg/L	0.50	0.13	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run			Dilution	QC	
			Date/Time	Analyst	Instrument		Batch ID	Prep Method
1	EPA-6010B	06/26/22 12:55	06/27/22 09:10	JCC	PE-OP3	1	B142759	EPA 3005A

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-39	Client Sample Name:	RB-13E1-1, 5/24/2022 3:40:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Lead	720	mg/kg	25	4.1	EPA-6010B	1000	A10	1

DCN	Method	Prep Date	Run			Dilution	QC	
			Date/Time	Analyst	Instrument		Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:42	06/17/22 18:19	JCC	PE-OP3	9.346	B142176	EPA 3050B

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-41	Client Sample Name:	RB-13S-1, 5/24/2022 3:50:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Lead	530	mg/kg	25	4.1	EPA-6010B	1000	A10	1

DCN	Method	Prep Date	Run Date/Time			Instrument	Dilution	QC Batch ID	Prep Method
			Analyst	Instrument	Dilution				
1	EPA-6010B	06/17/22 06:42	06/17/22 18:21	JCC	PE-OP3	10	B142176	EPA 3050B	

DCN = Data Continuation Number

Rincon Consultants-Ventura
 180 North Ashwood Avenue
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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-46	Client Sample Name:	RB-17-1, 5/25/2022 10:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	0.0020	mg/kg	0.010	0.0016	EPA-8082	50	J	1
PCB-1260	ND	mg/kg	0.010	0.0018	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	33.3	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/03/22 01:55		HKS	GC-14	0.990	B141110	EPA 3550B

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-46	Client Sample Name:	RB-17-1, 5/25/2022 10:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	12	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	92	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	116	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	Batch ID	QC	Prep Method
			Date/Time	Analyst						
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 20:55	BUP	GC-19	1.007	B141024	EPA 3550B		

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

WET Test (STLC)

BCL Sample ID:	2212517-46	Client Sample Name:	RB-17-1, 5/25/2022 10:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	DCN
Chromium	0.39	mg/L	0.10	0.0092	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run			Dilution	QC	
			Date/Time	Analyst	Instrument		Batch ID	Prep Method
1	EPA-6010B	06/22/22 14:00	06/22/22 17:00	JCC	PE-OP3	1	B142525	EPA 3005A

DCN = Data Continuation Number

Rincon Consultants-Ventura
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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

TCLP Toxicity

BCL Sample ID:	2212517-46	Client Sample Name:	RB-17-1, 5/25/2022 10:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TCLP Limits	Lab Quals	DCN
Chromium	ND	mg/L	0.10	0.0075	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC Batch ID	Prep Method
			Date/Time						
1	EPA-6010B	06/22/22 09:50	06/22/22	16:17	JCC	PE-OP3	1	B142479	EPA 3050B

DCN = Data Continuation Number

Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-46	Client Sample Name:	RB-17-1, 5/25/2022 10:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	1.1	mg/kg	10	0.66	EPA-6010B	500	J,A10	1
Arsenic	1.9	mg/kg	2.0	0.80	EPA-6010B	500	J,A10	1
Barium	35	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.48	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.61	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	150	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	34	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	88	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	5.2	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.038	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	1.3	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	66	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	50	6.4	EPA-6010B	700	A10	3
Vanadium	170	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	68	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 17:31	JCC	PE-OP3	2	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 13:08	TMT	CETAC3	0.992	B141111	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 12:54	JCC	PE-OP3	10	B140891	EPA 3050B

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

WET Test (STLC)

BCL Sample ID:	2212517-47	Client Sample Name:	RB-18-1, 5/25/2022 11:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	DCN
Lead	3.3	mg/L	0.50	0.13	EPA-6010B	5.0		1

DCN	Method	Prep Date	Run			Dilution	QC	
			Date/Time	Analyst	Instrument		Batch ID	Prep Method
1	EPA-6010B	07/07/22 10:00	07/07/22 16:32	JCC	PE-OP3	1	B143466	EPA 3005A

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-47	Client Sample Name:	RB-18-1, 5/25/2022 11:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Lead	410	mg/kg	25	4.1	EPA-6010B	1000	A10	1

DCN	Method	Prep Date	Run Date/Time			Instrument	Dilution	QC Batch ID	Prep Method
			Analyst	Instrument	Dilution				
1	EPA-6010B	06/17/22 06:42	06/17/22 18:23	JCC	PE-OP3	9.434	B142176	EPA 3050B	

DCN = Data Continuation Number

Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-48	Client Sample Name:	RB-19-1, 5/25/2022 11:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	0.00030	mg/kg	0.00050	0.000064	EPA-8081A	1.0	J	1
4,4'-DDE	ND	mg/kg	0.00050	0.000095	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000040	EPA-8081A	1.0	V11	1
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A		V11	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2	V11	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100	V11	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	80.7	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	69.2	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 13:25	HKS	GC-17	0.997	B141117	EPA 3550B

DCN = Data Continuation Number

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Rincon Consultants-Ventura
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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-49	Client Sample Name:	RB-20-1, 5/25/2022 11:45:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	1.0		1
4,4'-DDE	0.00013	mg/kg	0.00050	0.000095	EPA-8081A	1.0	J	1
4,4'-DDT	ND	mg/kg	0.00050	0.000040	EPA-8081A	1.0	V11	1
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A		V11	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2	V11	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100	V11	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	64.7	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	67.1	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 13:42	HKS	GC-17	1.014	B141117	EPA 3550B

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-50	Client Sample Name:	RB-21-1, 5/25/2022 12:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000095	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000040	EPA-8081A	1.0	V11	1
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A		V11	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2	V11	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100	V11	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	74.4	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	71.6	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 13:58	HKS	GC-17	0.984	B141117	EPA 3550B

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-51	Client Sample Name:	RB-22-1, 5/25/2022 12:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00064	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0050	0.00095	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0050	0.00040	EPA-8081A	1.0	A10,V11	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A		A10,V11	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	0.2	A10,V11	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	100	A10,V11	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	5	A10	1
TCMX (Surrogate)	150	%	20 - 130 (LCL - UCL)		EPA-8081A		A10,S09	1
Decachlorobiphenyl (Surrogate)	141	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S09	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 14:15	HKS	GC-17	10.135	B141117	EPA 3550B

DCN = Data Continuation Number

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-52	Client Sample Name:	RB-25-1, 5/25/2022 1:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000095	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000040	EPA-8081A	1.0	V11	1
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A		V11	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2	V11	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100	V11	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	65.8	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	62.6	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 14:31	HKS	GC-17	0.990	B141117	EPA 3550B

DCN = Data Continuation Number

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Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-53	Client Sample Name:	RB-26-1, 5/25/2022 1:10:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000095	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000040	EPA-8081A	1.0	V11	1
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A		V11	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2	V11	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100	V11	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	79.8	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	78.3	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 14:48	HKS	GC-17	0.984	B141117	EPA 3550B

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-54	Client Sample Name:	RB-27-1, 5/25/2022 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000095	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000040	EPA-8081A	1.0	V11	1
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A		V11	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2	V11	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100	V11	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	51.5	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	48.5	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 15:04	HKS	GC-17	0.984	B141117	EPA 3550B

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-55	Client Sample Name:	RB-23-1, 5/25/2022 1:45:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Lead	11	mg/kg	25	4.1	EPA-6010B	1000	J,A10	1

DCN	Method	Prep Date	Run Date/Time			Instrument	Dilution	QC Batch ID	Prep Method
			Analyst	Instrument	Dilution				
1	EPA-6010B	06/17/22 06:42	06/17/22 18:25	JCC	PE-OP3	9.615	B142176	EPA 3050B	

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

BCL Sample ID:	2212517-56	Client Sample Name:	RB-24-1, 5/25/2022 2:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
PCB-1016	ND	mg/kg	0.010	0.0023	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0033	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0015	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0021	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0016	EPA-8082	50		1
PCB-1260	0.0020	mg/kg	0.010	0.0018	EPA-8082	50	J	1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	50.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

DCN	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8082	06/02/22 17:00	06/03/22 02:07		HKS	GC-14	1.010	B141110	EPA 3550B

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

BCL Sample ID:	2212517-56	Client Sample Name:	RB-24-1, 5/25/2022 2:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	14	mg/kg	10	2.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	230	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	116	%	40 - 130 (LCL - UCL)		EPA-8015B/FFP			1

DCN	Method	Prep Date	Run	Analyst	Instrument	Dilution	QC	Batch ID	Prep Method
			Date/Time				Batch ID		
1	EPA-8015B/FFP	06/01/22 17:00	06/02/22 21:23	BUP	GC-19	1.014	B141024	EPA 3550B	

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

BCL Sample ID:	2212517-56	Client Sample Name:	RB-24-1, 5/25/2022 2:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	500	A10	1
Arsenic	1.9	mg/kg	2.0	0.80	EPA-6010B	500	J,A10	1
Barium	50	mg/kg	1.0	0.36	EPA-6010B	10000	A10	1
Beryllium	0.42	mg/kg	1.0	0.094	EPA-6010B	75	J,A10	1
Cadmium	0.37	mg/kg	1.0	0.10	EPA-6010B	100	J,A10	1
Chromium	96	mg/kg	1.0	0.10	EPA-6010B	2500	A10	1
Cobalt	27	mg/kg	5.0	0.20	EPA-6010B	8000	A10	1
Copper	63	mg/kg	2.0	0.10	EPA-6010B	2500	A10	1
Lead	9.0	mg/kg	5.0	0.82	EPA-6010B	1000	A10	1
Mercury	0.037	mg/kg	0.16	0.016	EPA-7471A	20	J	2
Molybdenum	1.2	mg/kg	5.0	0.10	EPA-6010B	3500	J,A10	1
Nickel	45	mg/kg	1.0	0.30	EPA-6010B	2000	A10	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	500	A10	1
Thallium	ND	mg/kg	50	6.4	EPA-6010B	700	A10	3
Vanadium	140	mg/kg	1.0	0.22	EPA-6010B	2400	A10	1
Zinc	58	mg/kg	5.0	0.17	EPA-6010B	5000	A10	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC	
							Batch ID	Prep Method
1	EPA-6010B	06/01/22 08:30	06/01/22 17:33	JCC	PE-OP3	1.923	B140891	EPA 3050B
2	EPA-7471A	06/03/22 08:40	06/03/22 13:10	TMT	CETAC3	1.008	B141111	EPA 7471A
3	EPA-6010B	06/01/22 08:30	06/02/22 12:58	JCC	PE-OP3	9.615	B140891	EPA 3050B

DCN = Data Continuation Number

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Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	2212517-57	Client Sample Name:	RB-28-1, 5/25/2022 2:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	DCN
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000064	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000095	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000040	EPA-8081A	1.0	V11	1
Dieldrin	ND	mg/kg	0.00050	0.000036	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A		V11	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	0.2	V11	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	100	V11	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	5		1
TCMX (Surrogate)	67.6	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	56.2	%	40 - 130 (LCL - UCL)		EPA-8081A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/02/22 19:00	06/03/22 15:22	HKS	GC-17	1.007	B141117	EPA 3550B

DCN = Data Continuation Number

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B141117						
Aldrin	B141117-BLK1	ND	mg/kg	0.00050	0.000018	
alpha-BHC	B141117-BLK1	ND	mg/kg	0.00050	0.000038	
beta-BHC	B141117-BLK1	ND	mg/kg	0.00050	0.000048	
delta-BHC	B141117-BLK1	ND	mg/kg	0.00050	0.000037	
gamma-BHC (Lindane)	B141117-BLK1	ND	mg/kg	0.00050	0.000018	
Chlordane (Technical)	B141117-BLK1	ND	mg/kg	0.050	0.0010	
4,4'-DDD	B141117-BLK1	ND	mg/kg	0.00050	0.000064	
4,4'-DDE	B141117-BLK1	ND	mg/kg	0.00050	0.000095	
4,4'-DDT	B141117-BLK1	ND	mg/kg	0.00050	0.000040	
Dieldrin	B141117-BLK1	ND	mg/kg	0.00050	0.000036	
Endosulfan I	B141117-BLK1	ND	mg/kg	0.00050	0.000020	
Endosulfan II	B141117-BLK1	ND	mg/kg	0.00050	0.000034	
Endosulfan sulfate	B141117-BLK1	ND	mg/kg	0.00050	0.000026	
Endrin	B141117-BLK1	ND	mg/kg	0.00050	0.000065	
Endrin aldehyde	B141117-BLK1	ND	mg/kg	0.00050	0.000018	
Heptachlor	B141117-BLK1	ND	mg/kg	0.00050	0.000086	
Heptachlor epoxide	B141117-BLK1	ND	mg/kg	0.00050	0.000017	
Methoxychlor	B141117-BLK1	ND	mg/kg	0.00050	0.000094	
Toxaphene	B141117-BLK1	ND	mg/kg	0.050	0.0014	
TCMX (Surrogate)	B141117-BLK1	87.5	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	B141117-BLK1	76.5	%	40 - 130 (LCL - UCL)		

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	<u>Control Limits</u>		
							Percent Recovery	RPD	Lab Quals
QC Batch ID: B141117									
Aldrin	B141117-BS1	LCS	0.0046743	0.0050000	mg/kg	93.5	70 - 130		
gamma-BHC (Lindane)	B141117-BS1	LCS	0.0046907	0.0050000	mg/kg	93.8	60 - 140		
4,4'-DDT	B141117-BS1	LCS	0.0040920	0.0050000	mg/kg	81.8	60 - 140		
Dieldrin	B141117-BS1	LCS	0.0046223	0.0050000	mg/kg	92.4	70 - 130		
Endrin	B141117-BS1	LCS	0.0038267	0.0050000	mg/kg	76.5	60 - 140		
Heptachlor	B141117-BS1	LCS	0.0046883	0.0050000	mg/kg	93.8	60 - 140		
TCMX (Surrogate)	B141117-BS1	LCS	0.0088200	0.010000	mg/kg	88.2	20 - 130		
Decachlorobiphenyl (Surrogate)	B141117-BS1	LCS	0.016300	0.020000	mg/kg	81.5	40 - 130		

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	<u>Control Limits</u>			
								Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B141117		Used client sample: Y - Description: RB-6-0.5, 05/23/2022 15:00									
Aldrin	MS	2212517-12	ND	0.0035308	0.0050167	mg/kg		70.4		50 - 140	
	MSD	2212517-12	ND	0.0035919	0.0050847	mg/kg	1.7	70.6	30	50 - 140	
gamma-BHC (Lindane)	MS	2212517-12	ND	0.0037515	0.0050167	mg/kg		74.8		50 - 140	
	MSD	2212517-12	ND	0.0038420	0.0050847	mg/kg	2.4	75.6	30	50 - 140	
4,4'-DDT	MS	2212517-12	0.0012894	0.0049836	0.0050167	mg/kg		73.6		50 - 140	
	MSD	2212517-12	0.0012894	0.0048108	0.0050847	mg/kg	3.5	69.3	30	50 - 140	
Dieldrin	MS	2212517-12	ND	0.0037753	0.0050167	mg/kg		75.3		40 - 140	
	MSD	2212517-12	ND	0.0038268	0.0050847	mg/kg	1.4	75.3	30	40 - 140	
Endrin	MS	2212517-12	ND	0.0037696	0.0050167	mg/kg		75.1		50 - 150	
	MSD	2212517-12	ND	0.0037556	0.0050847	mg/kg	0.4	73.9	30	50 - 150	
Heptachlor	MS	2212517-12	ND	0.0037013	0.0050167	mg/kg		73.8		60 - 140	
	MSD	2212517-12	ND	0.0038037	0.0050847	mg/kg	2.7	74.8	30	60 - 140	
TCMX (Surrogate)	MS	2212517-12	ND	0.0075348	0.010033	mg/kg		75.1		20 - 130	
	MSD	2212517-12	ND	0.0077027	0.010169	mg/kg	2.2	75.7		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	2212517-12	ND	0.015673	0.020067	mg/kg		78.1		40 - 130	
	MSD	2212517-12	ND	0.015209	0.020339	mg/kg	3.0	74.8		40 - 130	

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Rincon Consultants-Ventura
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 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B141110						
PCB-1016	B141110-BLK1	ND	mg/kg	0.010	0.0023	
PCB-1221	B141110-BLK1	ND	mg/kg	0.010	0.0033	
PCB-1232	B141110-BLK1	ND	mg/kg	0.010	0.0026	
PCB-1242	B141110-BLK1	ND	mg/kg	0.010	0.0015	
PCB-1248	B141110-BLK1	ND	mg/kg	0.010	0.0021	
PCB-1254	B141110-BLK1	ND	mg/kg	0.010	0.0016	
PCB-1260	B141110-BLK1	ND	mg/kg	0.010	0.0018	
Total PCB's (Summation)	B141110-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	B141110-BLK1	112	%	40 - 120 (LCL - UCL)		

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	<u>Control Limits</u>		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: B141110										
PCB-1016	B141110-BS1	LCS	0.099662	0.084459	mg/kg	118		60 - 120		
PCB-1260	B141110-BS1	LCS	0.088851	0.084459	mg/kg	105		60 - 120		
Decachlorobiphenyl (Surrogate)	B141110-BS1	LCS	0.022635	0.020270	mg/kg	112		40 - 120		

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Ventura, CA 93003

Reported: 07/08/2022 11:49

Project: Soil Samples

Project Number: 22-12562 Hawthorns

Project Manager: Scott English

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	<u>Control Limits</u>		
									RPD	Percent Recovery	Lab Quals
QC Batch ID: B141110		Used client sample: Y - Description: RB-7-0.5, 05/23/2022 15:30									
PCB-1016	MS	2212517-15	ND	0.097020	0.082781	mg/kg	1.0	117	30	60 - 120	
	MSD	2212517-15	ND	0.097987	0.083893	mg/kg		117			
PCB-1260	MS	2212517-15	0.0084746	0.066556	0.082781	mg/kg	1.2	70.2	30	60 - 120	
	MSD	2212517-15	0.0084746	0.065772	0.083893	mg/kg		68.3			
Decachlorobiphenyl (Surrogate)	MS	2212517-15	ND	0.012914	0.019868	mg/kg	3.9	65.0	40 - 120	40 - 120	
	MSD	2212517-15	ND	0.012416	0.020134	mg/kg		61.7			

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B140959						
Benzene	B140959-BLK1	ND	mg/kg	0.0050	0.00067	
Bromobenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00087	
Bromochloromethane	B140959-BLK1	ND	mg/kg	0.0050	0.00081	
Bromodichloromethane	B140959-BLK1	ND	mg/kg	0.0050	0.00078	
Bromoform	B140959-BLK1	ND	mg/kg	0.0050	0.00070	
Bromomethane	B140959-BLK1	ND	mg/kg	0.0050	0.0017	
n-Butylbenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00076	
sec-Butylbenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00071	
tert-Butylbenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00085	
Carbon tetrachloride	B140959-BLK1	ND	mg/kg	0.0050	0.00078	
Chlorobenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00077	
Chloroethane	B140959-BLK1	ND	mg/kg	0.0050	0.0011	
Chloroform	B140959-BLK1	ND	mg/kg	0.0050	0.00090	
Chloromethane	B140959-BLK1	ND	mg/kg	0.0050	0.0011	
2-Chlorotoluene	B140959-BLK1	ND	mg/kg	0.0050	0.00087	
4-Chlorotoluene	B140959-BLK1	ND	mg/kg	0.0050	0.00070	
Dibromochloromethane	B140959-BLK1	ND	mg/kg	0.0050	0.00080	
1,2-Dibromo-3-chloropropane	B140959-BLK1	ND	mg/kg	0.0050	0.00096	
1,2-Dibromoethane	B140959-BLK1	ND	mg/kg	0.0050	0.00082	
Dibromomethane	B140959-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichlorobenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00079	
1,3-Dichlorobenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00073	
1,4-Dichlorobenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00073	
Dichlorodifluoromethane	B140959-BLK1	ND	mg/kg	0.0050	0.00079	
1,1-Dichloroethane	B140959-BLK1	ND	mg/kg	0.0050	0.00064	
1,2-Dichloroethane	B140959-BLK1	ND	mg/kg	0.0050	0.00073	
1,1-Dichloroethene	B140959-BLK1	ND	mg/kg	0.0050	0.0011	
cis-1,2-Dichloroethene	B140959-BLK1	ND	mg/kg	0.0050	0.00054	
trans-1,2-Dichloroethene	B140959-BLK1	ND	mg/kg	0.0050	0.0037	
1,2-Dichloropropane	B140959-BLK1	ND	mg/kg	0.0050	0.00080	
1,3-Dichloropropane	B140959-BLK1	ND	mg/kg	0.0050	0.00067	
2,2-Dichloropropane	B140959-BLK1	ND	mg/kg	0.0050	0.00067	
1,1-Dichloropropene	B140959-BLK1	ND	mg/kg	0.0050	0.00067	
cis-1,3-Dichloropropene	B140959-BLK1	ND	mg/kg	0.0050	0.00058	

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B140959						
trans-1,3-Dichloropropene	B140959-BLK1	ND	mg/kg	0.0050	0.00066	
Ethylbenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00069	
Hexachlorobutadiene	B140959-BLK1	ND	mg/kg	0.0050	0.00067	
Isopropylbenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00080	
p-Isopropyltoluene	B140959-BLK1	ND	mg/kg	0.0050	0.00059	
Methylene chloride	B140959-BLK1	ND	mg/kg	0.010	0.0011	
Methyl t-butyl ether	B140959-BLK1	ND	mg/kg	0.0050	0.00056	
Naphthalene	B140959-BLK1	ND	mg/kg	0.0050	0.00099	
n-Propylbenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00071	
Styrene	B140959-BLK1	ND	mg/kg	0.0050	0.00062	
1,1,1,2-Tetrachloroethane	B140959-BLK1	ND	mg/kg	0.0050	0.00095	
1,1,2,2-Tetrachloroethane	B140959-BLK1	ND	mg/kg	0.0050	0.00084	
Tetrachloroethene	B140959-BLK1	ND	mg/kg	0.0050	0.00097	
Toluene	B140959-BLK1	ND	mg/kg	0.0050	0.00069	
1,2,3-Trichlorobenzene	B140959-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,4-Trichlorobenzene	B140959-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1-Trichloroethane	B140959-BLK1	ND	mg/kg	0.0050	0.00067	
1,1,2-Trichloroethane	B140959-BLK1	ND	mg/kg	0.0050	0.00094	
Trichloroethene	B140959-BLK1	ND	mg/kg	0.0050	0.00074	
Trichlorofluoromethane	B140959-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,3-Trichloropropane	B140959-BLK1	ND	mg/kg	0.0050	0.0019	
1,1,2-Trichloro-1,2,2-trifluoroethane	B140959-BLK1	ND	mg/kg	0.0050	0.0010	
1,2,4-Trimethylbenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00080	
1,3,5-Trimethylbenzene	B140959-BLK1	ND	mg/kg	0.0050	0.00066	
Vinyl chloride	B140959-BLK1	ND	mg/kg	0.0050	0.00059	
Total Xylenes	B140959-BLK1	ND	mg/kg	0.010	0.0025	
p- & m-Xylenes	B140959-BLK1	ND	mg/kg	0.0050	0.0015	
o-Xylene	B140959-BLK1	ND	mg/kg	0.0050	0.00093	
1,2-Dichloroethane-d4 (Surrogate)	B140959-BLK1	100	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	B140959-BLK1	98.1	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	B140959-BLK1	94.7	%	74 - 121 (LCL - UCL)		

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	<u>Control Limits</u>		
							Percent Recovery	RPD	Lab Quals
QC Batch ID: B140959									
Benzene	B140959-BS1	LCS	0.13088	0.12500	mg/kg	105	70 - 130		
Bromodichloromethane	B140959-BS1	LCS	0.12835	0.12500	mg/kg	103	70 - 130		
Chlorobenzene	B140959-BS1	LCS	0.13041	0.12500	mg/kg	104	70 - 130		
Chloroethane	B140959-BS1	LCS	0.13675	0.12500	mg/kg	109	70 - 130		
1,4-Dichlorobenzene	B140959-BS1	LCS	0.12978	0.12500	mg/kg	104	70 - 130		
1,1-Dichloroethane	B140959-BS1	LCS	0.12871	0.12500	mg/kg	103	70 - 130		
1,1-Dichloroethene	B140959-BS1	LCS	0.13960	0.12500	mg/kg	112	70 - 130		
Toluene	B140959-BS1	LCS	0.13601	0.12500	mg/kg	109	70 - 130		
Trichloroethene	B140959-BS1	LCS	0.13824	0.12500	mg/kg	111	70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B140959-BS1	LCS	0.049440	0.050000	mg/kg	98.9	70 - 121		
Toluene-d8 (Surrogate)	B140959-BS1	LCS	0.048880	0.050000	mg/kg	97.8	81 - 117		
4-Bromofluorobenzene (Surrogate)	B140959-BS1	LCS	0.049740	0.050000	mg/kg	99.5	74 - 121		

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Ventura, CA 93003

Reported: 07/08/2022 11:49

Project: Soil Samples

Project Number: 22-12562 Hawthorns

Project Manager: Scott English

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits			
								Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B140959		Used client sample: N									
Benzene	MS	2211928-38	ND	0.13094	0.12500	mg/kg		105		70 - 130	
	MSD	2211928-38	ND	0.12399	0.12500	mg/kg	5.5	99.2	20	70 - 130	
Bromodichloromethane	MS	2211928-38	ND	0.12866	0.12500	mg/kg		103		70 - 130	
	MSD	2211928-38	ND	0.12451	0.12500	mg/kg	3.3	99.6	20	70 - 130	
Chlorobenzene	MS	2211928-38	ND	0.13010	0.12500	mg/kg		104		70 - 130	
	MSD	2211928-38	ND	0.12622	0.12500	mg/kg	3.0	101	20	70 - 130	
Chloroethane	MS	2211928-38	ND	0.13580	0.12500	mg/kg		109		70 - 130	
	MSD	2211928-38	ND	0.12815	0.12500	mg/kg	5.8	103	20	70 - 130	
1,4-Dichlorobenzene	MS	2211928-38	ND	0.12839	0.12500	mg/kg		103		70 - 130	
	MSD	2211928-38	ND	0.12346	0.12500	mg/kg	3.9	98.8	20	70 - 130	
1,1-Dichloroethane	MS	2211928-38	ND	0.12888	0.12500	mg/kg		103		70 - 130	
	MSD	2211928-38	ND	0.12188	0.12500	mg/kg	5.6	97.5	20	70 - 130	
1,1-Dichloroethene	MS	2211928-38	ND	0.14084	0.12500	mg/kg		113		70 - 130	
	MSD	2211928-38	ND	0.13219	0.12500	mg/kg	6.3	106	20	70 - 130	
Toluene	MS	2211928-38	ND	0.13660	0.12500	mg/kg		109		70 - 130	
	MSD	2211928-38	ND	0.13055	0.12500	mg/kg	4.5	104	20	70 - 130	
Trichloroethene	MS	2211928-38	ND	0.13941	0.12500	mg/kg		112		70 - 130	
	MSD	2211928-38	ND	0.13267	0.12500	mg/kg	5.0	106	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	2211928-38	ND	0.049430	0.050000	mg/kg		98.9		70 - 121	
	MSD	2211928-38	ND	0.048040	0.050000	mg/kg	2.9	96.1		70 - 121	
Toluene-d8 (Surrogate)	MS	2211928-38	ND	0.049490	0.050000	mg/kg		99.0		81 - 117	
	MSD	2211928-38	ND	0.049440	0.050000	mg/kg	0.1	98.9		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	2211928-38	ND	0.049070	0.050000	mg/kg		98.1		74 - 121	
	MSD	2211928-38	ND	0.048810	0.050000	mg/kg	0.5	97.6		74 - 121	

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Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B141024						
TPH - Gasoline	B141024-BLK1	ND	mg/kg	20	5.0	
TPH - Diesel (FFP)	B141024-BLK1	ND	mg/kg	10	2.2	
TPH - Motor Oil	B141024-BLK1	ND	mg/kg	20	7.0	
Tetracosane (Surrogate)	B141024-BLK1	122	%	40 - 130 (LCL - UCL)		

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	<u>Control Limits</u>		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: B141024										
TPH - Diesel (FFP)	B141024-BS1	LCS	71.953	83.056	mg/kg	86.6		64 - 124		
Tetracosane (Surrogate)	B141024-BS1	LCS	4.0754	3.3223	mg/kg	123		40 - 130		

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 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	<u>Control Limits</u>		
								Percent Recovery	RPD	Percent Recovery
QC Batch ID: B141024		Used client sample: Y - Description: RB-5-0.5, 05/23/2022 14:30								
TPH - Diesel (FFP)	MS	2212517-09	54.637	137.47	83.333	mg/kg		99.4		52 - 131
	MSD	2212517-09	54.637	135.17	81.967	mg/kg	1.7	98.3	30	52 - 131
Tetracosane (Surrogate)	MS	2212517-09	ND	3.9888	3.3333	mg/kg		120		40 - 130
	MSD	2212517-09	ND	4.1792	3.2787	mg/kg	4.7	127		40 - 130

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

WET Test (STLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B142285						
Chromium	B142285-BLK1	ND	mg/L	0.10	0.0092	
Lead	B142285-BLK1	ND	mg/L	0.50	0.13	
QC Batch ID: B142525						
Chromium	B142525-BLK1	ND	mg/L	0.10	0.0092	
QC Batch ID: B142759						
Lead	B142759-BLK1	ND	mg/L	0.50	0.13	
QC Batch ID: B143466						
Lead	B143466-BLK1	ND	mg/L	0.50	0.13	

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 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

WET Test (STLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	<u>Control Limits</u>		
							Percent Recovery	RPD	Lab Quals
QC Batch ID: B142285									
Chromium	B142285-BS1	LCS	18.557	20.000	mg/L	92.8	85 - 115		
Lead	B142285-BS1	LCS	18.831	20.000	mg/L	94.2	85 - 115		
QC Batch ID: B142525									
Chromium	B142525-BS1	LCS	18.686	20.000	mg/L	93.4	85 - 115		
QC Batch ID: B142759									
Lead	B142759-BS1	LCS	19.891	20.000	mg/L	99.5	85 - 115		
QC Batch ID: B143466									
Lead	B143466-BS1	LCS	19.658	20.000	mg/L	98.3	85 - 115		
	B143466-BSD1	LCSD	19.942	20.000	mg/L	99.7	1.4	85 - 115	20

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Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

WET Test (STLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		
								Percent Recovery	RPD	Percent Recovery
QC Batch ID: B142285		Used client sample: N								
Chromium	DUP	2213874-01	0.33030	0.34000		mg/L	2.9		20	
	MS	2213874-01	0.33030	18.675	20.408	mg/L		89.9		75 - 125
	MSD	2213874-01	0.33030	19.098	20.408	mg/L	2.2	92.0	20	75 - 125
Lead	DUP	2213874-01	ND	ND		mg/L			20	
	MS	2213874-01	ND	18.398	20.408	mg/L		90.2		75 - 125
	MSD	2213874-01	ND	18.846	20.408	mg/L	2.4	92.3	20	75 - 125
QC Batch ID: B142525		Used client sample: N								
Chromium	DUP	2213996-02	0.43336	0.39601		mg/L	9.0		20	
	MS	2213996-02	0.43336	18.362	20.408	mg/L		87.8		75 - 125
	MSD	2213996-02	0.43336	18.033	20.408	mg/L	1.8	86.2	20	75 - 125
QC Batch ID: B142759		Used client sample: Y - Description: RB-13E1-1, 05/24/2022 15:40								
Lead	DUP	2212517-39	21.380	21.484		mg/L	0.5		20	
	MS	2212517-39	21.380	37.873	20.408	mg/L		80.8		75 - 125
	MSD	2212517-39	21.380	38.326	20.408	mg/L	1.2	83.0	20	75 - 125
QC Batch ID: B143466		Used client sample: N								
Lead	DUP	2215199-05	0.32682	0.21771		mg/L	40.1		20	J,A02
	MS	2215199-05	0.32682	19.829	20.408	mg/L		95.6		75 - 125
	MSD	2215199-05	0.32682	20.596	20.408	mg/L	3.8	99.3	20	75 - 125

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Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

TCLP Toxicity

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B142479						
Chromium	B142479-BLK1	ND	mg/L	0.10	0.0075	
Lead	B142479-BLK1	ND	mg/L	0.50	0.030	
QC Batch ID: B142884						
Lead	B142884-BLK1	ND	mg/L	0.50	0.030	

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

TCLP Toxicity

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	<u>Control Limits</u>		
							Percent Recovery	RPD	Lab Quals
QC Batch ID: B142479									
Chromium	B142479-BS1	LCS	19.173	20.000	mg/L	95.9	85 - 115		
Lead	B142479-BS1	LCS	19.597	20.000	mg/L	98.0	85 - 115		
QC Batch ID: B142884									
Lead	B142884-BS1	LCS	19.494	20.000	mg/L	97.5	85 - 115		

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 Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

TCLP Toxicity

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits			
								Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B142479		Used client sample: N									
Chromium	DUP	2211960-01	ND	ND		mg/L			20		
	MS	2211960-01	ND	18.874	20.000	mg/L		94.4		75 - 125	
	MSD	2211960-01	ND	19.197	20.000	mg/L	1.7	96.0	20	75 - 125	
Lead	DUP	2211960-01	0.17436	0.16535		mg/L	5.3		20		J
	MS	2211960-01	0.17436	19.214	20.000	mg/L		95.2		75 - 125	
	MSD	2211960-01	0.17436	19.546	20.000	mg/L	1.7	96.9	20	75 - 125	
QC Batch ID: B142884		Used client sample: N									
Lead	DUP	2214025-01	0.051560	0.042065		mg/L	20.3		20		J,A02
	MS	2214025-01	0.051560	18.784	20.000	mg/L		93.7		75 - 125	
	MSD	2214025-01	0.051560	19.228	20.000	mg/L	2.3	95.9	20	75 - 125	

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B140891						
Antimony	B140891-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B140891-BLK1	ND	mg/kg	1.0	0.40	
Barium	B140891-BLK1	0.19458	mg/kg	0.50	0.18	J
Beryllium	B140891-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B140891-BLK1	ND	mg/kg	0.50	0.052	
Chromium	B140891-BLK1	0.054227	mg/kg	0.50	0.050	J
Cobalt	B140891-BLK1	ND	mg/kg	2.5	0.098	
Copper	B140891-BLK1	ND	mg/kg	1.0	0.050	
Lead	B140891-BLK1	ND	mg/kg	2.5	0.41	
Molybdenum	B140891-BLK1	ND	mg/kg	2.5	0.050	
Nickel	B140891-BLK1	ND	mg/kg	0.50	0.15	
Selenium	B140891-BLK1	ND	mg/kg	1.0	0.98	
Silver	B140891-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B140891-BLK2	ND	mg/kg	5.0	0.64	
Vanadium	B140891-BLK1	ND	mg/kg	0.50	0.11	
Zinc	B140891-BLK1	0.27245	mg/kg	2.5	0.087	J
QC Batch ID: B141111						
Mercury	B141111-BLK1	ND	mg/kg	0.16	0.016	
QC Batch ID: B141112						
Mercury	B141112-BLK1	ND	mg/kg	0.16	0.016	
QC Batch ID: B142176						
Lead	B142176-BLK1	ND	mg/kg	2.5	0.41	
QC Batch ID: B142737						
Lead	B142737-BLK1	ND	mg/kg	2.5	0.41	

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Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	Control Limits		
							RPD	Percent Recovery	RPD
QC Batch ID: B140891									
Antimony	B140891-BS1	LCS	101.72	100.00	mg/kg	102		75 - 125	
Arsenic	B140891-BS1	LCS	19.054	20.000	mg/kg	95.3		75 - 125	
Barium	B140891-BS1	LCS	113.44	100.00	mg/kg	113		75 - 125	
Beryllium	B140891-BS1	LCS	10.122	10.000	mg/kg	101		75 - 125	
Cadmium	B140891-BS1	LCS	10.388	10.000	mg/kg	104		75 - 125	
Chromium	B140891-BS1	LCS	105.13	100.00	mg/kg	105		75 - 125	
Cobalt	B140891-BS1	LCS	102.61	100.00	mg/kg	103		75 - 125	
Copper	B140891-BS1	LCS	103.19	100.00	mg/kg	103		75 - 125	
Lead	B140891-BS1	LCS	110.91	100.00	mg/kg	111		75 - 125	
Molybdenum	B140891-BS1	LCS	104.51	100.00	mg/kg	105		75 - 125	
Nickel	B140891-BS1	LCS	102.08	100.00	mg/kg	102		75 - 125	
Selenium	B140891-BS1	LCS	19.334	20.000	mg/kg	96.7		75 - 125	
Silver	B140891-BS1	LCS	10.239	10.000	mg/kg	102		75 - 125	
Thallium	B140891-BS2	LCS	115.08	100.00	mg/kg	115		75 - 125	
Vanadium	B140891-BS1	LCS	102.09	100.00	mg/kg	102		75 - 125	
Zinc	B140891-BS1	LCS	102.45	100.00	mg/kg	102		75 - 125	
QC Batch ID: B141111									
Mercury	B141111-BS1	LCS	0.81440	0.80000	mg/kg	102		80 - 120	
QC Batch ID: B141112									
Mercury	B141112-BS1	LCS	0.76320	0.80000	mg/kg	95.4		80 - 120	
QC Batch ID: B142176									
Lead	B142176-BS1	LCS	104.64	100.00	mg/kg	105		75 - 125	
QC Batch ID: B142737									
Lead	B142737-BS1	LCS	101.94	100.00	mg/kg	102		75 - 125	

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49

Project: Soil Samples

Project Number: 22-12562 Hawthorns

Project Manager: Scott English

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits			
								Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B140891		Used client sample: Y - Description: RB-1-1, 05/23/2022 13:00									
Antimony	DUP	2212517-01	ND	0.99529		mg/kg		20		J	
	MS	2212517-01	ND	17.823	100.00	mg/kg		17.8		16 - 119	
	MSD	2212517-01	ND	19.116	100.00	mg/kg	7.0	19.1	20	16 - 119	
Arsenic	DUP	2212517-01	5.2625	4.4606		mg/kg	16.5	20			
	MS	2212517-01	5.2625	19.667	20.000	mg/kg		72.0	75 - 125	Q02	
	MSD	2212517-01	5.2625	20.886	20.000	mg/kg	6.0	78.1	20	75 - 125	
Barium	DUP	2212517-01	127.97	132.57		mg/kg	3.5	20			
	MS	2212517-01	127.97	235.06	100.00	mg/kg		107	75 - 125		
	MSD	2212517-01	127.97	236.24	100.00	mg/kg	0.5	108	20	75 - 125	
Beryllium	DUP	2212517-01	0.48771	0.48575		mg/kg	0.4	20		J	
	MS	2212517-01	0.48771	9.4000	10.000	mg/kg		89.1	75 - 125		
	MSD	2212517-01	0.48771	9.5248	10.000	mg/kg	1.3	90.4	20	75 - 125	
Cadmium	DUP	2212517-01	0.47723	0.43757		mg/kg	8.7	20		J	
	MS	2212517-01	0.47723	9.7607	10.000	mg/kg		92.8	75 - 125		
	MSD	2212517-01	0.47723	9.9576	10.000	mg/kg	2.0	94.8	20	75 - 125	
Chromium	DUP	2212517-01	115.38	107.25		mg/kg	7.3	20			
	MS	2212517-01	115.38	207.03	100.00	mg/kg		91.7	75 - 125		
	MSD	2212517-01	115.38	200.88	100.00	mg/kg	3.0	85.5	20	75 - 125	
Cobalt	DUP	2212517-01	19.343	18.428		mg/kg	4.8	20			
	MS	2212517-01	19.343	107.48	100.00	mg/kg		88.1	75 - 125		
	MSD	2212517-01	19.343	111.13	100.00	mg/kg	3.3	91.8	20	75 - 125	
Copper	DUP	2212517-01	43.631	44.308		mg/kg	1.5	20			
	MS	2212517-01	43.631	144.10	100.00	mg/kg		100	75 - 125		
	MSD	2212517-01	43.631	144.90	100.00	mg/kg	0.5	101	20	75 - 125	
Lead	DUP	2212517-01	9.2022	8.9863		mg/kg	2.4	20			
	MS	2212517-01	9.2022	97.816	100.00	mg/kg		88.6	75 - 125		
	MSD	2212517-01	9.2022	100.03	100.00	mg/kg	2.2	90.8	20	75 - 125	
Molybdenum	DUP	2212517-01	1.5525	1.2537		mg/kg	21.3	20		J,A02	
	MS	2212517-01	1.5525	79.266	100.00	mg/kg		77.7	75 - 125		
	MSD	2212517-01	1.5525	81.884	100.00	mg/kg	3.3	80.3	20	75 - 125	
Nickel	DUP	2212517-01	89.669	83.728		mg/kg	6.9	20			
	MS	2212517-01	89.669	168.65	100.00	mg/kg		79.0	75 - 125		
	MSD	2212517-01	89.669	174.91	100.00	mg/kg	3.6	85.2	20	75 - 125	
Selenium	DUP	2212517-01	ND	ND		mg/kg		20			
	MS	2212517-01	ND	14.931	20.000	mg/kg		74.7	75 - 125	Q03	
	MSD	2212517-01	ND	19.310	20.000	mg/kg	25.6	96.5	20	75 - 125	Q02
Silver	DUP	2212517-01	ND	ND		mg/kg		20			
	MS	2212517-01	ND	9.1974	10.000	mg/kg		92.0	75 - 125		
	MSD	2212517-01	ND	9.3200	10.000	mg/kg	1.3	93.2	20	75 - 125	

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		
								Percent Recovery	RPD	Percent Recovery
QC Batch ID: B140891		Used client sample: Y - Description: RB-1-1, 05/23/2022 13:00								
Thallium	DUP	2212517-01	ND	ND		mg/kg			20	
	MS	2212517-01	ND	91.931	100.00	mg/kg		91.9		75 - 125
	MSD	2212517-01	ND	90.676	100.00	mg/kg	1.4	90.7	20	75 - 125
Vanadium	DUP	2212517-01	75.166	73.778		mg/kg	1.9		20	
	MS	2212517-01	75.166	171.51	100.00	mg/kg		96.3		75 - 125
	MSD	2212517-01	75.166	171.82	100.00	mg/kg	0.2	96.7	20	75 - 125
Zinc	DUP	2212517-01	69.009	67.030		mg/kg	2.9		20	
	MS	2212517-01	69.009	163.47	100.00	mg/kg		94.5		75 - 125
	MSD	2212517-01	69.009	166.26	100.00	mg/kg	1.7	97.3	20	75 - 125
QC Batch ID: B141111		Used client sample: Y - Description: RB-8-1, 05/23/2022 16:00								
Mercury	DUP	2212517-18	0.13266	0.13094		mg/kg	1.3		20	
	MS	2212517-18	0.13266	0.83281	0.78125	mg/kg		89.6		80 - 120
	MSD	2212517-18	0.13266	0.84844	0.78125	mg/kg	1.9	91.6	20	80 - 120
QC Batch ID: B141112		Used client sample: Y - Description: RB-14-0.5, 05/24/2022 11:55								
Mercury	DUP	2212517-28	0.026557	0.030328		mg/kg	13.3		20	
	MS	2212517-28	0.026557	0.97377	0.81967	mg/kg		116		80 - 120
	MSD	2212517-28	0.026557	0.85082	0.81967	mg/kg	13.5	101	20	80 - 120
QC Batch ID: B142176		Used client sample: N								
Lead	DUP	2214007-01	23.509	23.436		mg/kg	0.3		20	
	MS	2214007-01	23.509	112.96	100.00	mg/kg		89.4		75 - 125
	MSD	2214007-01	23.509	110.93	100.00	mg/kg	1.8	87.4	20	75 - 125
QC Batch ID: B142737		Used client sample: N								
Lead	DUP	2214655-01	44.019	28.283		mg/kg	43.5		20	
	MS	2214655-01	44.019	135.18	100.00	mg/kg		91.2		75 - 125
	MSD	2214655-01	44.019	117.45	100.00	mg/kg	14.0	73.4	20	75 - 125
										Q01 Q03

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EMSL Analytical, Inc.

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EMSL Order: 092211831

Customer ID: BCLA50

Customer PO: 2212517

Project ID:

Attention: Eli Velazquez
 Pace Analytical Services, LLC
 4100 Atlas Court
 Bakersfield, CA 93308

Phone: (661) 327-4911

Fax: (661) 327-1918

Received: 06/03/2022 9:15 AM

Analysis Date: 06/08/2022

Collected: 05/25/2022

Project: 2212517

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	Asbestos
					% Type
2212517-47 092211831-0001		Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2212517-55 092211831-0002		Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Adam C. Fink (2)



Cecilia Yu, Laboratory Manager
 or other approved signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from: 06/08/2022 23:38:29

ASB_PLMPC_0006_0003 Printed 6/8/2022 11:38:34PM

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Rincon Consultants-Ventura
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 07/08/2022 11:49
Project: Soil Samples
Project Number: 22-12562 Hawthorns
Project Manager: Scott English

Notes And Definitions

- J Estimated Value (CLP Flag)
- MDL Method Detection Limit
- ND Analyte Not Detected
- PQL Practical Quantitation Limit
- A02 The difference between duplicate readings is less than the quantitation limit.
- A10 Detection and quantitation limits were raised due to matrix interference.
- A52 Chromatogram not typical of diesel.
- A57 Chromatogram not typical of motor oil.
- Q01 Sample precision is not within the control limits.
- Q02 Matrix spike precision is not within the control limits.
- Q03 Matrix spike recovery(s) was(were) not within the control limits.
- S09 The surrogate recovery for this compound was not within the control limits.
- V11 The Continuing Calibration Verification (CCV) recovery was not within established control limits.