4393 Viewridge Ave., Suite A
San Diego, CA 92123
T 858.505.8881
TRCcompanies.com

January 4, 2023

Mr. Shay Mueller
RC Hobbs Companies
1428 East Chapman Avenue
Orange, CA 92866

RE: SOIL SAMPLING EVALUATION REPORT
RC HOBBS – LAS PALMAS
JURUPA VALLEY, CA
APNs 182-190-015-1, 182-190-016-2, 182-190-017-3

Dear Mr. Mueller,

On behalf of RC Hobbs Companies, Inc. (RC Hobbs), TRC presents the results of the soil sampling activities associated with the property located in Jurupa Valley at APNs 182-190-015-1, 182-190-016-2, 182-190-017-3 (Site; Figure 1).

Pursuant to the September 14, 2022 email request from the Riverside County Department of Health (RCDEH) to RC Hobbs, this scope of work is being performed based on the historic agricultural land use of the property (RCDEH, 2022). It is TRC's understanding that RC Hobbs conducted the sampling in accordance with the *Interim Guidance for Sampling Agricultural Properties* (DTSC, 2008). TRC was retained to evaluate the results.

1.0 SITE SETTING

The Site consists of three unpaved lots near the intersection of 45th Street and Pacific Avenue located in Jurupa Valley, CA. Residential homes are located to the north, west and south. The Free Church of Tonga is located to the east of the Site (Figure 1).

2.0 BACKGROUND

The Site is approximately four acres. A Phase I Environmental Assessment Report was conducted by Robin Environmental Management (REM) in December 2021. Prior to 1948 the site was generally covered with fruit groves prior until the mid-1960's. From the mid-1960's to the present day, the Site has generally been a vacant lot (REM, 2021). Review of the California State Water Resources Control Board (SWRCB) GeoTracker website indicates the closest environmental release site is a closed concrete dump site located approximately 1,000 feet to the east of the Site (GeoTracker, 2022).

3.0 OBJECTIVE

The objective of this scope of work is to evaluate if soil is impacted with pesticides and arsenic due to historical agricultural activities at the Site.

4.0 SOIL SAMPLING ACTIVITIES

It is TRC's understanding that on December 1, 2022, a representative from RC Hobbs collected 10 soil samples at the Site, in accordance with the DTSC's *Interim Guidance for Sampling Agricultural Properties* (DTSC, 2008). Four discrete samples for organochlorine pesticides (OCP) analysis and four discrete samples for arsenic analysis were collected from eight borings. The samples were all collected a depth of approximately 0.5 feet below grade (fbg).

Two additional samples, A5@0.5 and A6@0.5, were collected but not analyzed.

5.0 SOIL SAMPLING LABORATORY ANALYSIS

RC Hobbs submitted the soil samples to state certified Eurofins Calscience laboratory and the samples were analyzed for the following:

- OCP via United States Environmental Protection Agency (USEPA) Method 8081A; and
- Arsenic via USEPA Method 6010B.

6.0 FINDINGS

Ten soil samples, A1@0.5, A2@0.5, A3@0.5, A4@0.5, A5@0.5, A6@0.5, B1@0.5, B2@0.5, B3@0.5, and B4@0.5 were collected at the Site. Eight samples were submitted for laboratory analysis. A discussion of the results is below.

Metal Results

TRC evaluated the arsenic soil concentrations against the 12 milligrams per kilogram (mg/kg) screening level (SL) as noted in the 2008 *Interim Guidance for Sampling Agricultural Properties*. Six soil samples were below their laboratory detection limits. Two samples, B2@0.5 and B3@0.5, had detectable concentrations of 1.67 mg/kg and 2.18 mg/kg, respectively. Both of these results were J-Flag results which indicates that the result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value.

Based on these results, the arsenic concentrations from the soil samples analyzed were below the respective SL of 12 mg/kg (Table 1).

Organochlorine Pesticides Results

TRC evaluated the OCP soil concentrations against the USEPA Regional Screening Levels (RSLs) (USEPA, 2018) and the DTSC Note 3 (DTSC, 2018). OCPs were below their respective laboratory detection limits in the soil samples analyzed, with the exception of two soil samples, A1@0.5 and A2@0.5. These soil samples had detectable concentrations of 4,4'-DDE and 4,4'-DDT, but were below their respective SLs (Table 1).

Based on these results, the OCP concentrations were below their respective SLs.

Please note, that the official laboratory report labels the project site as RC Hobbs Saddlehorn Ranch which is incorrect. The official chain of custody (page 31 of laboratory report) labels the site TTM 37857-Las Palmas which is the correct nomenclature for this Site.

7.0 CONCLUSIONS

Based on these findings, the following is concluded:

- Arsenic concentrations in soil were below the respective screening levels of 12 mg/kg; and
- OCP concentrations in soil were below their respective screening levels.

Based on these conclusions, additional testing for arsenic and OCP in accordance with DTSC's 2008 *Interim Guidance for Sampling Agricultural Properties* guidance does not appear warranted.

Please feel free to contact me at (858)688-9277 with questions or comments.

Sincerely,

TRC

Ryne Flanagan
Project Engineer

Brian Kettmann, PG 9131
Senior Project Geologist

Attachments:
Figure 1: Site Plan with Boring Locations
Table 1: Soil Sampling Analytical Results
Appendix A: Official Laboratory Report

8.0 LIMITATIONS

The activities summarized in this report have been performed in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in the area. No warranty, express or implied, is made regarding the conclusions, recommendations, and professional opinions presented in this report. The conclusions and recommendations are based solely upon analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified and additional recommendations, if required, will be provided.

9.0 REFERENCES

DTSC, 2008: Department of Toxic Substances Control (DTSC), Interim Guidance for Sampling Agricultural Properties (Third Revision), August 7, 2008.

DTSC, 2018: Department of Toxic Substances Control (DTSC), Human Health Risk Assessment Note 3 - DTSC-Modified Screening Levels (DTSC-SL), June 2018.

GeoTracker, 2022. State Water Resources Control Board GeoTracker. Online: https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SLT8R1394109. Site visited December 28, 2022.

Kim, Kristine, Supervising Environmental Health Specialist, Riverside County Department of Environmental Health, Shay Mueller, Project Manager, RC Hobbs. 2022. MA21272 - Phase I Review - T37857. September 14. [email].

REM, 2021. Robin Environmental Management (REM), Phase I Environmental Assessment Report. December 16, 2021.

USEPA, 2018: United States Environmental Protection Agency (USEPA), Region 9 Regional Screening Levels (http://www.epa.gov/region9/superfund/prg/). November 2018.

FIGURE 1

TENTATIVE TRACT MAP NO. 37857
CITY OF JURUPA VALLEY

LEGAL DESCRIPTION:

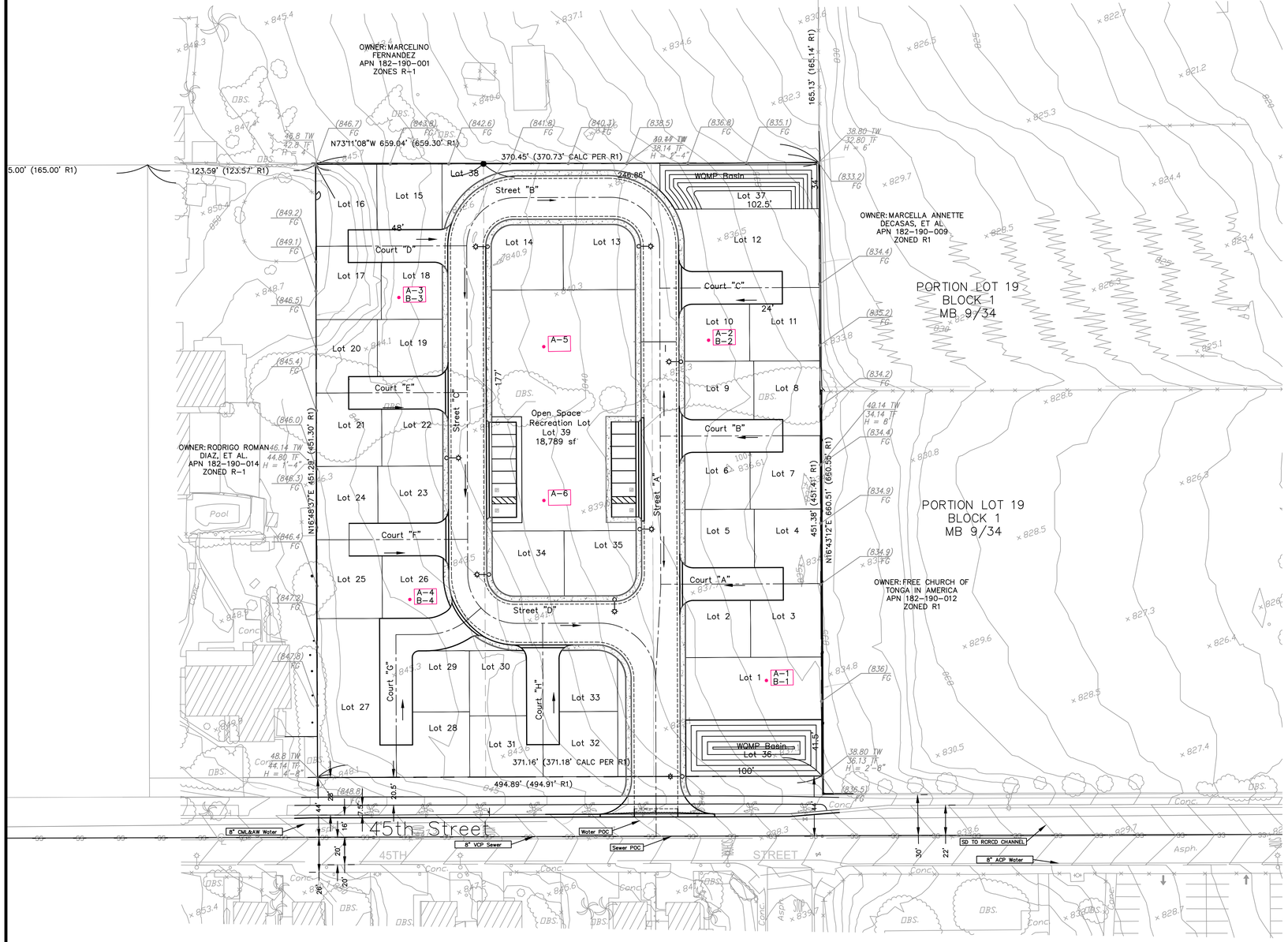
THE LAND IS SITUATED IN THE COUNTY OF RIVERSIDE, CITY OF JURUPA VALLEY, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCELS 2, 3 AND 4 OF PARCEL MAP 7657, IN THE CITY OF JURUPA VALLEY, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN BY MAP ON FILE IN BOOK 25, PAGE 52, OF PARCEL MAPS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

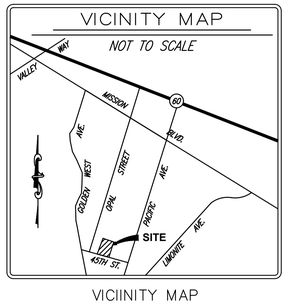
APN'S: 182-190-015-1, 182-190-016-2 & 182-190-017-3

DEVELOPER

RC HOBBS COMPANIES, INC.
1428 E. CHAPMAN AVENUE
ORANGE, CA 92866
ATT: ROGER HOBBS
714-633-8100



● A-1 / B-1 Soil Sample Location and Label



VICIINITY MAP

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

REGISTERED PROFESSIONAL ENGINEER
ROBERT MARK BEERS
No. 39405
Exp. 12-31-23
CIVIL
STATE OF CALIFORNIA

ROBERT BEERS
8175 Limonite Avenue, Suite E
Jurupa Valley, CA 92509
Ph. (951) 317-2041 Fax (909) 360-2070

2022-12-20
Date

Robert M. Beers
Robert M. Beers R.C.E. 39405
Expires 12-31-23

FIELD BOOK REF.

MARK	REVISIONS	APPR.	DATE

PREPARED FOR:

RC Hobbs Companies
1428 E. Chapman Avenue
Orange, CA 92866
PHONE: (714) 633-8100

TTM 37857
Soil Sample Site Map
City of Jurupa Valley
CALIFORNIA

DATE Dec. 20, 2022
JOB NO. .
DRAWN BY R.A.H.
CHECKED BY R.M.B.
SHEET 1 *OF* 1

TABLE 1

Table 1
Soil Sampling Analytical Results
RC Hobbs Las Palmas

				Compound	Arsenic	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	Chlordane	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-Chlordane	gamma-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
				CAS_RN	7440-38-2	72-54-8	72-55-9	50-29-3	309-00-2	319-84-6	5103-71-9	319-85-7	57-74-9	319-86-8	60-57-1	959-98-8	33213-65-9	1031-07-8	60-57-1	7421-93-4	53494-70-5	5103-74-2	58-89-9	76-44-8	1024-57-3	72-43-5	8001-35-2
Location	Name	Depth (ft)	Date/Units		mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
A1	A1@0.5'	0.5	12/1/2022	--	ND	**6.2**	**1.6 J, p**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A2	A2@0.5'	0.5	12/1/2022	--	ND	**19**	**3.4 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A3	A3@0.5'	0.5	12/1/2022	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A4	A4@0.5'	0.5	12/1/2022	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B1	B1@0.5'	0.5	12/1/2022	ND<2.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B2	B2@0.5'	0.5	12/1/2022	**1.67 J**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B3	B3@0.5'	0.5	12/1/2022	**2.18 J**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B4	B4@0.5'	0.5	12/1/2022	ND<3.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Laboratory Reporting Limit (RL)					--	5.0	5.0	5.0	5.0	5.0	5.0	5.0	25	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	25
Soil Screening Level	CAS Number				7440-38-2	72-54-8	72-55-9	50-29-3	309-00-2	319-84-6	5103-71-9	319-85-7	57-74-9	319-86-8	60-57-1	959-98-8	33213-65-9	1031-07-8	72-20-8	7421-93-4	53494-70-5	5103-74-2	58-89-9	76-44-8	1024-57-3	72-43-5	8001-35-2
	DTSC Residential Soil Values [1]				0.11	2,300	2,000	1,900	3.9	--	--	--	--	--	34	--	--	380,000	19,000	--	--	--	--	130	70	320,000	4,500
	DTSC Commercial Soil Values [1]				0.36	6,200	9,300	430,000	180	--	--	--	6,100	--	93	6,000,000	--	3,200,000	160,000	--	--	--	--	630	330	2,600,000	1,200
	USEPA Residential Values[2]				0.68	1,900	2,000	1,900	90	--	--	--	--	--	30		--	--	19,000	--	--	3.6	--	130	70	320,000	4,900
	USEPA Commercial Values[2]				3	9,600	9,300	71,000	180	--	--	--	7,700	--	140	7,000,000	--	4,900,000	250,000	--	--	50	--	630	330	4,100,000	2,100
	DTSC HHRA Note 11[3]				12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes

-- = no value or not analyzed
mg/kg = milligrams per kilograms
µg/kg = micrograms per kilograms
ND = Not Detected above the Laboratory Reporting Limit (RL).

[1]Department of Toxic Substances Control (DTSC) Office of Human Ecological Risk (HERO) Human Health Risk Assessment (HHRA) Note Number 3-(June, 2020)

[2]United States Environmental Protection Agency (USEPA) Regional Screening Level (November, 2020)

[3] Department of Toxic Substances Control (DTSC) Office of Human Ecological Risk (HERO) Human Health Risk Assessment (HHRA) Note Number 11 (December, 2020)

= Concentrations equal or exceed the Background Value for arsenic of 12 mg/kg.

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

p=The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

APPENDIX

OFFICIAL LABORATORY REPORT

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Shay Mueller
RC Hobbs Company
1428 E. Chapman Ave
Orange, California 92866

Generated 12/16/2022 11:07:44 AM

JOB DESCRIPTION

RC Hobbs Saddlehorn Ranch

JOB NUMBER

570-119052-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

Job Notes

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender and destroy this report immediately. This report shall not be reproduced except in full, without prior express written approval by the laboratory.

The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

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

Authorization

Generated
12/16/2022 11:07:44 AM

Authorized for release by
Lori Thompson, Project Manager I
Lori.Thompson@et.eurofinsus.com
(657)212-3035

Table of Contents

Definitions/Glossary

Client: RC Hobbs Company
Project/Site: RC Hobbs Saddlehorn Ranch

Job ID: 570-119052-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

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

Glossary

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

Case Narrative

Client: RC Hobbs Company
Project/Site: RC Hobbs Saddlehorn Ranch

Job ID: 570-119052-1

Job ID: 570-119052-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-119052-1

Comments
No additional comments.

Receipt
The samples were received on 12/1/2022 2:59 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.7º C.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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

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

Detection Summary

Client: RC Hobbs Company
Project/Site: RC Hobbs Saddlehorn Ranch

Job ID: 570-119052-1

Client Sample ID: A1@0.5' — Lab Sample ID: 570-119052-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	6.2		5.0	0.69	ug/Kg	1		8081A	Total/NA
4,4'-DDT	1.6	J p	5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: A2@0.5' — Lab Sample ID: 570-119052-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	19		5.0	0.68	ug/Kg	1		8081A	Total/NA
4,4'-DDT	3.4	J	5.0	1.2	ug/Kg	1		8081A	Total/NA

Client Sample ID: A3@0.5' — Lab Sample ID: 570-119052-3

No Detections.

Client Sample ID: A4@0.5' — Lab Sample ID: 570-119052-4

No Detections.

Client Sample ID: B1@0.5' — Lab Sample ID: 570-119052-5

No Detections.

Client Sample ID: B2@0.5' — Lab Sample ID: 570-119052-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.67	J	3.06	1.42	mg/Kg	5		6010B	Total/NA

Client Sample ID: B3@0.5' — Lab Sample ID: 570-119052-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.18	J	3.00	1.39	mg/Kg	5		6010B	Total/NA

Client Sample ID: B4@0.5' — Lab Sample ID: 570-119052-8

No Detections.

This Detection Summary does not include radiochemical test results.

Method: SW846 8081A - Organochlorine Pesticides (GC)

Client Sample ID: A1@0.5'
Date Collected: 12/01/22 13:05
Date Received: 12/01/22 14:59

Lab Sample ID: 570-119052-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.72	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
4,4'-DDE	**6.2**		5.0	0.69	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
4,4'-DDT	**1.6**	**J p**	5.0	1.2	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Aldrin	ND		5.0	1.6	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
alpha-BHC	ND		5.0	0.59	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
beta-BHC	ND		5.0	0.90	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Chlordane	ND		25	4.1	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
delta-BHC	ND		5.0	0.93	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Dieldrin	ND		5.0	0.55	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Endosulfan I	ND		5.0	1.1	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Endosulfan II	ND		5.0	0.55	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Endrin	ND		5.0	0.67	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Endrin ketone	ND		5.0	0.90	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
gamma-BHC	ND		5.0	0.51	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Heptachlor	ND		5.0	0.60	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Methoxychlor	ND		5.0	1.2	ug/Kg		12/02/22 10:19	12/15/22 06:06	1
Toxaphene	ND		25	15	ug/Kg		12/02/22 10:19	12/15/22 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*80*		*38 - 148*	*12/02/22 10:19*	*12/15/22 06:06*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*37 - 151*	*12/02/22 10:19*	*12/15/22 06:06*	*1*

Client Sample ID: A2@0.5'
Date Collected: 12/01/22 13:18
Date Received: 12/01/22 14:59

Lab Sample ID: 570-119052-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.72	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
4,4'-DDE	**19**		5.0	0.68	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
4,4'-DDT	**3.4**	**J**	5.0	1.2	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Aldrin	ND		5.0	1.6	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
alpha-BHC	ND		5.0	0.59	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
beta-BHC	ND		5.0	0.90	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Chlordane	ND		25	4.1	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
delta-BHC	ND		5.0	0.93	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Dieldrin	ND		5.0	0.55	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Endosulfan I	ND		5.0	1.1	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Endosulfan II	ND		5.0	0.54	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Endrin	ND		5.0	0.67	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Endrin ketone	ND		5.0	0.90	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
gamma-BHC	ND		5.0	0.51	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Heptachlor	ND		5.0	0.60	ug/Kg		12/02/22 10:19	12/15/22 06:21	1

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

Client Sample ID: A2@0.5'
Date Collected: 12/01/22 13:18
Date Received: 12/01/22 14:59

Lab Sample ID: 570-119052-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Methoxychlor	ND		5.0	1.2	ug/Kg		12/02/22 10:19	12/15/22 06:21	1
Toxaphene	ND		25	15	ug/Kg		12/02/22 10:19	12/15/22 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*96*		*38 - 148*	*12/02/22 10:19*	*12/15/22 06:21*	*1*
DCB Decachlorobiphenyl (Surr)	*102*		*37 - 151*	*12/02/22 10:19*	*12/15/22 06:21*	*1*

Client Sample ID: A3@0.5'
Date Collected: 12/01/22 13:25
Date Received: 12/01/22 14:59

Lab Sample ID: 570-119052-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.72	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
4,4'-DDE	ND		5.0	0.68	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
4,4'-DDT	ND		5.0	1.2	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Aldrin	ND		5.0	1.6	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
alpha-BHC	ND		5.0	0.59	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
beta-BHC	ND		5.0	0.90	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Chlordane	ND		25	4.1	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
delta-BHC	ND		5.0	0.93	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Dieldrin	ND		5.0	0.55	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Endosulfan I	ND		5.0	1.1	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Endosulfan II	ND		5.0	0.54	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Endrin	ND		5.0	0.67	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Endrin ketone	ND		5.0	0.90	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
gamma-BHC	ND		5.0	0.51	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Heptachlor	ND		5.0	0.60	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Methoxychlor	ND		5.0	1.2	ug/Kg		12/02/22 10:19	12/15/22 06:36	1
Toxaphene	ND		25	15	ug/Kg		12/02/22 10:19	12/15/22 06:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*96*		*38 - 148*	*12/02/22 10:19*	*12/15/22 06:36*	*1*
DCB Decachlorobiphenyl (Surr)	*101*		*37 - 151*	*12/02/22 10:19*	*12/15/22 06:36*	*1*

Client Sample ID: A4@0.5'
Date Collected: 12/01/22 13:40
Date Received: 12/01/22 14:59

Lab Sample ID: 570-119052-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.71	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
4,4'-DDE	ND		5.0	0.68	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
4,4'-DDT	ND		5.0	1.2	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Aldrin	ND		5.0	1.6	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
alpha-BHC	ND		5.0	0.58	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
beta-BHC	ND		5.0	0.89	ug/Kg		12/02/22 10:19	12/15/22 06:51	1

Client: RC Hobbs Company
Project/Site: RC Hobbs Saddlehorn Ranch

Job ID: 570-119052-1

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

Client Sample ID: A4@0.5'
Date Collected: 12/01/22 13:40
Date Received: 12/01/22 14:59

Lab Sample ID: 570-119052-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		25	4.1	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
delta-BHC	ND		5.0	0.93	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Dieldrin	ND		5.0	0.54	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Endosulfan I	ND		5.0	1.1	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Endosulfan II	ND		5.0	0.54	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Endrin	ND		5.0	0.67	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Endrin ketone	ND		5.0	0.89	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
gamma-Chlordane	ND		5.0	3.3	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
gamma-BHC	ND		5.0	0.51	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Heptachlor	ND		5.0	0.60	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Heptachlor epoxide	ND		5.0	0.53	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Methoxychlor	ND		5.0	1.2	ug/Kg		12/02/22 10:19	12/15/22 06:51	1
Toxaphene	ND		25	15	ug/Kg		12/02/22 10:19	12/15/22 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*93*		*38 - 148*	*12/02/22 10:19*	*12/15/22 06:51*	*1*
DCB Decachlorobiphenyl (Surr)	*99*		*37 - 151*	*12/02/22 10:19*	*12/15/22 06:51*	*1*

Method: SW846 6010B - Metals (ICP)

Client Sample ID: B1@0.5'
Date Collected: 12/01/22 13:06
Date Received: 12/01/22 14:59
Lab Sample ID: 570-119052-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.99	1.38	mg/Kg		12/05/22 05:41	12/06/22 00:42	5

Client Sample ID: B2@0.5'
Date Collected: 12/01/22 13:20
Date Received: 12/01/22 14:59
Lab Sample ID: 570-119052-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.67**	**J**	3.06	1.42	mg/Kg		12/05/22 05:41	12/06/22 00:45	5

Client Sample ID: B3@0.5'
Date Collected: 12/01/22 13:25
Date Received: 12/01/22 14:59
Lab Sample ID: 570-119052-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.18**	**J**	3.00	1.39	mg/Kg		12/05/22 05:41	12/06/22 00:47	5

Client Sample ID: B4@0.5'
Date Collected: 12/01/22 13:40
Date Received: 12/01/22 14:59
Lab Sample ID: 570-119052-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.00	1.39	mg/Kg		12/05/22 05:41	12/06/22 00:50	5

Surrogate Summary

Client: RC Hobbs Company
Project/Site: RC Hobbs Saddlehorn Ranch

Job ID: 570-119052-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		TCX1	DCB1										
Lab Sample ID	Client Sample ID	(38-148)	(37-151)										
570-119052-1	A1@0.5'	80	84										
570-119052-1 MS	A1@0.5'	90	93										
570-119052-1 MSD	A1@0.5'	82	87										
570-119052-2	A2@0.5'	96	102										
570-119052-3	A3@0.5'	96	101										
570-119052-4	A4@0.5'	93	99										
LCS 570-285763/2-A	Lab Control Sample	88	105										
LCSD 570-285763/3-A	Lab Control Sample Dup	92	109										
MB 570-285763/1-A	Method Blank	100	113										

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-285763/1-A
Matrix: Solid
Analysis Batch: 289146

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 285763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.72	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
4,4'-DDE	ND		5.0	0.69	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
4,4'-DDT	ND		5.0	1.2	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Aldrin	ND		5.0	1.6	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
alpha-BHC	ND		5.0	0.59	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
alpha-Chlordane	ND		5.0	0.56	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
beta-BHC	ND		5.0	0.90	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Chlordane	ND		25	4.1	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
delta-BHC	ND		5.0	0.93	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Dieldrin	ND		5.0	0.55	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Endosulfan I	ND		5.0	1.1	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Endosulfan II	ND		5.0	0.55	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Endosulfan sulfate	ND		5.0	0.63	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Endrin	ND		5.0	0.67	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Endrin aldehyde	ND		5.0	3.3	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Endrin ketone	ND		5.0	0.90	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
gamma-Chlordane	ND		5.0	3.4	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
gamma-BHC	ND		5.0	0.51	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Heptachlor	ND		5.0	0.60	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Heptachlor epoxide	ND		5.0	0.54	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Methoxychlor	ND		5.0	1.2	ug/Kg		12/02/22 10:19	12/15/22 02:07	1
Toxaphene	ND		25	15	ug/Kg		12/02/22 10:19	12/15/22 02:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*100*		*38 - 148*	*12/02/22 10:19*	*12/15/22 02:07*	*1*
DCB Decachlorobiphenyl (Surr)	*113*		*37 - 151*	*12/02/22 10:19*	*12/15/22 02:07*	*1*

Lab Sample ID: LCS 570-285763/2-A
Matrix: Solid
Analysis Batch: 289146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 285763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	25.0	26.31		ug/Kg		105	54 - 154
4,4'-DDE	25.0	25.81		ug/Kg		103	51 - 149
4,4'-DDT	25.0	27.11		ug/Kg		108	39 - 152
Aldrin	25.0	22.78		ug/Kg		91	52 - 138
alpha-BHC	25.0	22.89		ug/Kg		92	51 - 140
alpha-Chlordane	25.0	24.05		ug/Kg		96	53 - 141
beta-BHC	25.0	21.45		ug/Kg		86	53 - 141
delta-BHC	25.0	23.20		ug/Kg		93	20 - 132
Dieldrin	25.0	23.61		ug/Kg		94	52 - 144
Endosulfan I	25.0	22.80		ug/Kg		91	49 - 139
Endosulfan II	25.0	25.20		ug/Kg		101	51 - 150
Endosulfan sulfate	25.0	24.16		ug/Kg		97	45 - 139
Endrin	25.0	27.11		ug/Kg		108	53 - 151
Endrin aldehyde	25.0	21.18		ug/Kg		85	31 - 146
gamma-Chlordane	25.0	24.33		ug/Kg		97	46 - 156
gamma-BHC	25.0	22.90		ug/Kg		92	53 - 141

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

Lab Sample ID: LCS 570-285763/2-A
Matrix: Solid
Analysis Batch: 289146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 285763

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Heptachlor			25.0	24.18		ug/Kg		97	52 - 144		
Heptachlor epoxide			25.0	23.69		ug/Kg		95	54 - 141		
Methoxychlor			25.0	27.47		ug/Kg		110	47 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*88*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*105*		*37 - 151*

Lab Sample ID: LCSD 570-285763/3-A
Matrix: Solid
Analysis Batch: 289146

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 285763

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			25.0	25.96		ug/Kg		104	54 - 154	1	30
4,4'-DDE			25.0	26.05		ug/Kg		104	51 - 149	1	28
4,4'-DDT			25.0	27.48		ug/Kg		110	39 - 152	1	31
Aldrin			25.0	23.61		ug/Kg		94	52 - 138	4	30
alpha-BHC			25.0	23.62		ug/Kg		94	51 - 140	3	29
alpha-Chlordane			25.0	24.55		ug/Kg		98	53 - 141	2	28
beta-BHC			25.0	21.98		ug/Kg		88	53 - 141	2	29
delta-BHC			25.0	23.94		ug/Kg		96	20 - 132	3	40
Dieldrin			25.0	24.19		ug/Kg		97	52 - 144	2	28
Endosulfan I			25.0	23.20		ug/Kg		93	49 - 139	2	28
Endosulfan II			25.0	25.19		ug/Kg		101	51 - 150	0	29
Endosulfan sulfate			25.0	24.62		ug/Kg		98	45 - 139	2	30
Endrin			25.0	27.71		ug/Kg		111	53 - 151	2	29
Endrin aldehyde			25.0	22.00		ug/Kg		88	31 - 146	4	40
gamma-Chlordane			25.0	24.82		ug/Kg		99	46 - 156	2	39
gamma-BHC			25.0	23.57		ug/Kg		94	53 - 141	3	29
Heptachlor			25.0	25.03		ug/Kg		100	52 - 144	3	29
Heptachlor epoxide			25.0	24.30		ug/Kg		97	54 - 141	3	29
Methoxychlor			25.0	27.43		ug/Kg		110	47 - 148	0	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*92*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*109*		*37 - 151*

Lab Sample ID: 570-119052-1 MS
Matrix: Solid
Analysis Batch: 289146

Client Sample ID: A1@0.5'
Prep Type: Total/NA
Prep Batch: 285763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD	ND		25.0	24.98		ug/Kg		100	27 - 144		
4,4'-DDE	6.2		25.0	31.49		ug/Kg		101	28 - 141		
4,4'-DDT	1.6	J p	25.0	29.78		ug/Kg		113	10 - 154		
Aldrin	ND		25.0	22.21		ug/Kg		89	26 - 125		
alpha-BHC	ND		25.0	21.92		ug/Kg		88	24 - 125		
alpha-Chlordane	ND		25.0	26.42		ug/Kg		106	17 - 144		

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

Lab Sample ID: 570-119052-1 MS
Matrix: Solid
Analysis Batch: 289146

Client Sample ID: A1@0.5'
Prep Type: Total/NA
Prep Batch: 285763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
beta-BHC	ND		25.0	23.75		ug/Kg		95	28 - 125
delta-BHC	ND		25.0	24.01		ug/Kg		96	10 - 125
Dieldrin	ND		25.0	23.41		ug/Kg		94	19 - 145
Endosulfan I	ND		25.0	21.35		ug/Kg		86	25 - 125
Endosulfan II	ND		25.0	22.15		ug/Kg		89	13 - 142
Endosulfan sulfate	ND		25.0	21.63		ug/Kg		87	14 - 126
Endrin	ND		25.0	25.98		ug/Kg		104	28 - 139
Endrin aldehyde	ND		25.0	16.25		ug/Kg		65	12 - 125
gamma-Chlordane	ND		25.0	25.70		ug/Kg		103	10 - 160
gamma-BHC	ND		25.0	22.33		ug/Kg		89	24 - 125
Heptachlor	ND		25.0	22.27		ug/Kg		89	19 - 127
Heptachlor epoxide	ND		25.0	22.81		ug/Kg		91	33 - 123
Methoxychlor	ND		25.0	24.92		ug/Kg		100	19 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*90*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*93*		*37 - 151*

Lab Sample ID: 570-119052-1 MSD
Matrix: Solid
Analysis Batch: 289146

Client Sample ID: A1@0.5'
Prep Type: Total/NA
Prep Batch: 285763

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND		24.9	22.53		ug/Kg		90	27 - 144	10	40
4,4'-DDE	6.2		24.9	32.08		ug/Kg		104	28 - 141	2	32
4,4'-DDT	1.6	J p	24.9	27.36		ug/Kg		103	10 - 154	8	40
Aldrin	ND		24.9	21.30		ug/Kg		85	26 - 125	4	40
alpha-BHC	ND		24.9	20.09		ug/Kg		81	24 - 125	9	40
alpha-Chlordane	ND		24.9	25.85		ug/Kg		104	17 - 144	2	40
beta-BHC	ND		24.9	20.26		ug/Kg		81	28 - 125	16	39
delta-BHC	ND		24.9	21.31		ug/Kg		86	10 - 125	12	40
Dieldrin	ND		24.9	20.96		ug/Kg		84	19 - 145	11	39
Endosulfan I	ND		24.9	19.45		ug/Kg		78	25 - 125	9	39
Endosulfan II	ND		24.9	19.72		ug/Kg		79	13 - 142	12	40
Endosulfan sulfate	ND		24.9	20.28		ug/Kg		81	14 - 126	6	38
Endrin	ND		24.9	24.26		ug/Kg		97	28 - 139	7	40
Endrin aldehyde	ND		24.9	13.78		ug/Kg		55	12 - 125	16	40
gamma-Chlordane	ND		24.9	25.31		ug/Kg		102	10 - 160	2	40
gamma-BHC	ND		24.9	20.45		ug/Kg		82	24 - 125	9	40
Heptachlor	ND		24.9	20.72		ug/Kg		83	19 - 127	7	40
Heptachlor epoxide	ND		24.9	21.88		ug/Kg		88	33 - 123	4	34
Methoxychlor	ND		24.9	23.77		ug/Kg		95	19 - 128	5	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*82*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*87*		*37 - 151*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-286085/1-A ^5
Matrix: Solid
Analysis Batch: 286523

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286085

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.97	1.38	mg/Kg		12/05/22 05:41	12/06/22 00:11	5

Lab Sample ID: LCS 570-286085/2-A ^5
Matrix: Solid
Analysis Batch: 286523

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286085

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			50.5	44.70		mg/Kg		88	80 - 120		

Lab Sample ID: LCSD 570-286085/3-A ^5
Matrix: Solid
Analysis Batch: 286523

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 286085

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			50.3	44.21		mg/Kg		88	80 - 120	1	20

QC Association Summary

Client: RC Hobbs Company
Project/Site: RC Hobbs Saddlehorn Ranch

Job ID: 570-119052-1

GC Semi VOA

Prep Batch: 285763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-119052-1	A1@0.5'	Total/NA	Solid	3546	
570-119052-2	A2@0.5'	Total/NA	Solid	3546	
570-119052-3	A3@0.5'	Total/NA	Solid	3546	
570-119052-4	A4@0.5'	Total/NA	Solid	3546	
MB 570-285763/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-285763/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-285763/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-119052-1 MS	A1@0.5'	Total/NA	Solid	3546	
570-119052-1 MSD	A1@0.5'	Total/NA	Solid	3546	

Analysis Batch: 289146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-119052-1	A1@0.5'	Total/NA	Solid	8081A	285763
570-119052-2	A2@0.5'	Total/NA	Solid	8081A	285763
570-119052-3	A3@0.5'	Total/NA	Solid	8081A	285763
570-119052-4	A4@0.5'	Total/NA	Solid	8081A	285763
MB 570-285763/1-A	Method Blank	Total/NA	Solid	8081A	285763
LCS 570-285763/2-A	Lab Control Sample	Total/NA	Solid	8081A	285763
LCSD 570-285763/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	285763
570-119052-1 MS	A1@0.5'	Total/NA	Solid	8081A	285763
570-119052-1 MSD	A1@0.5'	Total/NA	Solid	8081A	285763

Metals

Prep Batch: 286085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-119052-5	B1@0.5'	Total/NA	Solid	3050B	
570-119052-6	B2@0.5'	Total/NA	Solid	3050B	
570-119052-7	B3@0.5'	Total/NA	Solid	3050B	
570-119052-8	B4@0.5'	Total/NA	Solid	3050B	
MB 570-286085/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-286085/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-286085/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 286523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-119052-5	B1@0.5'	Total/NA	Solid	6010B	286085
570-119052-6	B2@0.5'	Total/NA	Solid	6010B	286085
570-119052-7	B3@0.5'	Total/NA	Solid	6010B	286085
570-119052-8	B4@0.5'	Total/NA	Solid	6010B	286085
MB 570-286085/1-A ^5	Method Blank	Total/NA	Solid	6010B	286085
LCS 570-286085/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	286085
LCSD 570-286085/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	286085

Lab Chronicle

Client: RC Hobbs Company
Project/Site: RC Hobbs Saddlehorn Ranch

Job ID: 570-119052-1

Client Sample ID: A1@0.5'
Date Collected: 12/01/22 13:05
Date Received: 12/01/22 14:59

Lab Sample ID: 570-119052-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			19.99 g	10 mL	285763	12/02/22 10:19	VB5S	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	289146	12/15/22 06:06	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: A2@0.5'
Date Collected: 12/01/22 13:18
Date Received: 12/01/22 14:59

Lab Sample ID: 570-119052-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.03 g	10 mL	285763	12/02/22 10:19	VB5S	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	289146	12/15/22 06:21	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: A3@0.5'
Date Collected: 12/01/22 13:25
Date Received: 12/01/22 14:59

Lab Sample ID: 570-119052-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.03 g	10 mL	285763	12/02/22 10:19	VB5S	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	289146	12/15/22 06:36	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: A4@0.5'
Date Collected: 12/01/22 13:40
Date Received: 12/01/22 14:59

Lab Sample ID: 570-119052-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.16 g	10 mL	285763	12/02/22 10:19	VB5S	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	289146	12/15/22 06:51	N5Y3	EET CAL 4
	Instrument ID: GC52A									

Client Sample ID: B1@0.5'
Date Collected: 12/01/22 13:06
Date Received: 12/01/22 14:59

Lab Sample ID: 570-119052-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	286085	12/05/22 05:41	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			286523	12/06/22 00:42	K1UV	EET CAL 4
	Instrument ID: ICP11									

Lab Chronicle

Client: RC Hobbs Company
Project/Site: RC Hobbs Saddlehorn Ranch

Job ID: 570-119052-1

Client Sample ID: B2@0.5'

Lab Sample ID: 570-119052-6
Matrix: Solid
Date Collected: 12/01/22 13:20
Date Received: 12/01/22 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.96 g	50 mL	286085	12/05/22 05:41	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			286523	12/06/22 00:45	K1UV	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B3@0.5'

Lab Sample ID: 570-119052-7
Matrix: Solid
Date Collected: 12/01/22 13:25
Date Received: 12/01/22 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	286085	12/05/22 05:41	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			286523	12/06/22 00:47	K1UV	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: B4@0.5'

Lab Sample ID: 570-119052-8
Matrix: Solid
Date Collected: 12/01/22 13:40
Date Received: 12/01/22 14:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	286085	12/05/22 05:41	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			286523	12/06/22 00:50	K1UV	EET CAL 4
	Instrument ID: ICP11									

Laboratory References:

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

Accreditation/Certification Summary

Client: RC Hobbs Company
Job ID: 570-119052-1
Project/Site: RC Hobbs Saddlehorn Ranch

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8081A	3546	Solid	alpha-Chlordane
8081A	3546	Solid	gamma-Chlordane

Oregon	NELAP	4175	02-02-23

Method Summary

Client: RC Hobbs Company
Project/Site: RC Hobbs Saddlehorn Ranch

Job ID: 570-119052-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
3050B	Preparation, Metals	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: RC Hobbs Company
Project/Site: RC Hobbs Saddlehorn Ranch

Job ID: 570-119052-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-119052-1	A1@0.5'	Solid	12/01/22 13:05	12/01/22 14:59
570-119052-2	A2@0.5'	Solid	12/01/22 13:18	12/01/22 14:59
570-119052-3	A3@0.5'	Solid	12/01/22 13:25	12/01/22 14:59
570-119052-4	A4@0.5'	Solid	12/01/22 13:40	12/01/22 14:59
570-119052-5	B1@0.5'	Solid	12/01/22 13:06	12/01/22 14:59
570-119052-6	B2@0.5'	Solid	12/01/22 13:20	12/01/22 14:59
570-119052-7	B3@0.5'	Solid	12/01/22 13:25	12/01/22 14:59
570-119052-8	B4@0.5'	Solid	12/01/22 13:40	12/01/22 14:59

Loc: 570

119052

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2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494

For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

CHAIN-OF-CUSTODY RECORD

DATE: _____

PAGE: _____ OF _____

LABORATORY CLIENT: RC Hobbs Company

ADDRESS: 1428 E. Chapman Ave

CITY: Orange STATE: CA ZIP: 92866

TEL: 714-874-6572 E-MAIL: Smueller@rchobbs.com

CLIENT PROJECT NAME / NO: TTM 37857 - Las Palmas

P.O NO.:

PROJECT CONTACT: Shay Mueller

LAB CONTACT OR QUOTE NO

GLOBAL ID: LOG CODE: SAMPLER(S): (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:

☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	Arsenic 6010B		Hold Samples	
1	A1@0.5'	12/1/22	1:05pm		1													X							
2	A2@0.5'	"	1:18pm		1													X							
3	A3@0.5'		1:25pm		1													X							
4	A4@0.5'		1:40pm		1													X							
5	B1@0.5'		1:06pm		1																		X		
6	B2@0.5'		1:20pm		1																		X		
7	B3@0.5'		1:25pm		1																		X		
8	B4@0.5'		1:40pm		1																		X		
9	A5@0.5'		1:40pm		1																			X	
10	A6@0.5'		1:45pm		1																			X	

570-119052 Chain of Custody

	Date	Time	Received by: (Signature/Affiliation)	Date	Time:
Relinquished by: (Signature)	12/1/22	3:04pm	EC	12/1/22	14:59
Relinquished by: (Signature)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature/Affiliation)	Date	Time

Attachment "Chain_of_Custody_General_Color_221004rev.xls" to "US Eurofins Calscience - CoC Templates"

Printed by Jenny Magana d Tue 04 Oct 2022 16:31 PDT

1.9/17 Soil

Login Sample Receipt Checklist

Client: RC Hobbs Company

Job Number: 570-119052-1

Login Number: 119052
List Number: 1
Creator: Yu, Tiffany

List Source: Eurofins Calscience

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