



LIMITED PHASE II SUBSURFACE INVESTIGATION REPORT



291 North Lyon Avenue
San Jacinto, CA 92583

Prepared For:

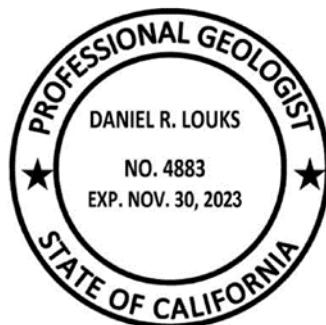
JS Bray, LLC & JA Bray, LLC
3161 Michelson Drive, Suite #425
Irvine, CA 92612

Hillmann Project Number C3-8812

December 30, 2021

Hillmann Consulting, LLC

Dan Louks
Professional Geologist 4883



Your Property. Our Priority.

1745 W. Orangewood Avenue, Suite 201, Orange, CA 92868
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December 30, 2021

Mr. William Inghram
JS Bray, LLC & JA Bray, LLC
3161 Michelson Drive, Suite #425
Irvine, CA 92612

RE: Limited Phase II Subsurface Investigation Report

291 North Lyon Avenue
San Jacinto, California 92582
Hillmann Project Number: C3-8812

Dear Mr. Inghram:

Hillmann Consulting, LLC, is pleased to provide this Limited Phase II Subsurface Investigation Report prepared for the above referenced Property.

This report is for the exclusive use of the entities named on the front cover, its affiliates, designates and assignees, rating agencies, prospective bond holders and bond holders, and no other party shall have any right to rely on any service provided by Hillmann Consulting, LLC, without prior written consent.

We appreciate the opportunity to provide environmental due diligence services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact our office at 714-634-9500.

Regards,
Hillmann Consulting, LLC

A handwritten signature in black ink that reads "Stephen Bartlett".

Stephen Bartlett
Senior Project Manager

Your Property. Our Priority.

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1.0 INTRODUCTION / BACKGROUND

Hillmann Consulting, LLC (Hillmann) conducted a Limited Phase II Subsurface Investigation at the site, located at 291 North Lyon Avenue. The Property consists of portions of four rectangular shaped parcels located west of North Lyon Avenue in San Jacinto. The Property occupies approximately twenty-six (26.6) acres of land, which were utilized for agricultural purposes located in a rural developed area characterized by a mix of residences.

The Property was historically and currently used for agricultural purposes. Based on DTSC guidance, properties where pesticides were uniformly applied could pose potential environmental or human risk when developed for other purposes.

During a Phase II conducted by Hillmann in December 2021, Hillmann collected thirty-three (33) individual samples, which were then composited into nine (9) composite samples, and analyzed for OCPs and Title 22 Metals from thirty-three (33) quadrants throughout the Property. Results of the OCP analysis indicated no detectable levels of pesticides. For residential applications, results of Title 22 Metals analysis indicated low background levels of metals that did not exceed acceptable screening levels for residential applications.

2.0 GEOLOGY/HYDROGEOLOGY

According to the US Department of Agriculture Natural Resource Conservation Service Soil Map, the soil primarily consists of loamy fine sand, with 0-5% slopes. Groundwater was not encountered during soil sampling.

3.0 SITE INVESTIGATION

On December 15, 2021 Hillmann collected thirty-three (33) shallow soil samples from various areas on the Property formerly utilized as agricultural land, which were composited into nine (9) samples representative of a sampling area/quadrant. The samples were collected using a hand auger tool or soil sampling spatula, and were completed from 0.5 to 1.5 feet below grade, according to the June 2008 Revision of the DTSC guidelines “Interim Guidance for Sampling Agricultural Soils”. Soil samples collected were preserved for analysis in laboratory jars, sealed with Teflon tape and plastic end caps, wrapped in aluminum foil and stored on ice. A total of nine (9) composited soil samples were submitted for laboratory analysis for organo-chlorine pesticides (OCP) by EPA Method 8081A and Title 22 Metals by EPA Method 6010B. A&R Laboratories of Ontario, California analyzed the samples. The soil sample locations are indicated on **Figure 1**.

3.1 Laboratory Results

Results of OCP analysis indicated no detectable levels of OCPs in samples collected. Results of heavy metal analysis indicated the samples had low background levels of antimony, barium, chromium, cobalt, copper, lead, molybdenum, nickel, vanadium, and zinc.

The detected compounds were compared to Regional Screening Levels (RSLs) developed by EPA which are based on human health toxicity factors for residential and commercial settings.

Results of the OCP analysis indicated no detectable levels of OCPs. These results are summarized in **Table 1**. The results from heavy metal analysis indicate the samples had low, background levels of metals, which did not exceed the applicable RSLs for residential applications. These results are summarized in **Table 2**. The laboratory report is included as **Appendix A**.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The site occupies approximately twenty-six acres (26.6) of land, and is being considered for development. Records indicate the site is currently and historically utilized as agricultural land, which could pose possible environmental impacts if pesticides were used. Based on these factors Hillmann recommended a soil sampling investigation that included sampling of near surface native soil for pesticides, and Title 22 Metals. Hillmann collected thirty-three (33) individual samples, which were then composited into nine (9) composite samples, and analyzed for OCPs and Title 22 Metals. Results of the OCP analysis indicated no detectable levels of OCPs. The results from heavy metal analysis indicate the samples had low, background levels of metals, which did not exceed the applicable RSLs for residential applications.

Hillmann recommends no further investigation at this time.

5.0 LIMITATIONS

This Subsurface Investigation was performed in accordance with generally and currently accepted engineering practices and principles. Although the data in this report is indicative of subsurface conditions in areas investigated, no further conclusions regarding the absence or presence of subsurface contamination in other areas of the site should be construed or inferred other than those expressly stated in this report. The conclusions made are based on information obtained from field observations, independent laboratory analytical results, and from current and relevant Federal, State, regional, and local agencies.

TABLE 1
Summary of Pesticide Soil Sampling Results (mg/Kg)

Sample ID	4,4 DDD	4,4 DDE	4,4 DDT	Dieldrin	Other OCP
B-1-0.5'-1.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
B-2-0.5'-1.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
B-3-0.5'-1.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
B-4-0.5'-1.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
B-5-0.5'-1.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
B-6-0.5'-1.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
B-7-0.5'-1.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
B-8-0.5'-1.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
B-9-0.5'-1.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
<i>Residential RSL</i>	2.3	2.0	1.9	0.034	<i>Var.</i>
<i>Commercial RSL</i>	9.6	9.3	8.5	0.14	<i>Var.</i>

Notes: Refer to Table 2 for heavy metal results summary. OCP - Organochlorine Pesticides. ND - Not Detected NM - Not Measured. EPA Regional Screening Levels (RSLs) are human health risk-based screening levels used by EPA and DTSC in residential and commercial settings. Please refer to lab report for complete results.

TABLE 2
Summary of Heavy Metal Results (mg/Kg)

Sample ID	Antimony	Barium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Vanadium	Zinc
B-1-0.5'-1.5'	1.9	130	16	5.2	7.6	3.3	0.50	5.4	40	40
B-2-0.5'-1.5'	2.6	200	19	6.7	7.5	1.9	ND (<0.50)	5.6	56	58
B-3-0.5'-1.5'	2.0	170	17	5.5	7.2	1.9	ND (<0.50)	4.7	47	46
B-4-0.5'-1.5'	2.2	180	19	6.3	6.6	3.8	0.71	5.3	51	51
B-5-0.5'-1.5'	2.1	170	18	6.0	6.5	3.1	ND (<0.50)	4.9	50	50
B-6-0.5'-1.5'	2.1	170	17	5.7	7.4	2.5	ND (<0.50)	4.9	47	56
B-7-0.5'-1.5'	2.2	150	17	5.5	6.4	2.0	ND (<0.50)	4.7	45	47
B-8-0.5'-1.5'	2.0	160	17	5.6	5.5	2.1	ND (<0.50)	4.3	44	48
B-9-0.5'-1.5'	2.1	150	16	5.6	6.0	2.0	ND (<0.50)	4.4	45	49
<i>Residential RSL</i>	31	15,000	36,000	23	3,100	80	390	490*	390*	23,000
<i>Industrial RSL</i>	470	220,000	170,000	350	47,000	320	5,800	3,100*	1,000*	350,000

Notes: ND - Not Detected. EPA Regional Screening Levels (RSLs) are human health risk-based screening levels used by EPA and DTSC in residential and commercial settings. DTSC Background Concentration is based on statistical study of sites throughout southern California. This concentration may be used as a screening level for anthropogenic and naturally occurring levels of arsenic in soil in southern California.* - Values modified by DTSC HHRA Note 3. Please refer to lab report for complete result



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CASE NARRATIVE

Authorized Signature Name / Title (print)

Signature / Date

Laboratory Job No. (Certificate of Analysis No.)

Project Name / No.

Dates Sampled (from/to)

Dates Received (from/to)

Dates Reported (from/to)

Chains of Custody Received

Ken Zheng, President

Ken Zheng, President
 12/21/2021 10:54:02

2112-00175

RICHLAND - SAN JACINTO C3-8812

12/15/21 To 12/15/21

12/15/21 To 12/15/21

12/21/21 To 12/21/2021

Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Inorganic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

Positive Results (Organic Compounds)

None



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CERTIFICATE OF ANALYSIS

2112-00175

HILLMANN GROUP
RYAN TERWILLIGER
1745 W. ORANGEWOOD AVE.
SUITE 201
ORANGE, CA 92868

Project: RICHLAND - SAN JACINTO

Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech			
Sample: 001 B-1-0.5'-1.5'			Date & Time Sampled:			12/15/21					
Sample Matrix: Soil											
[Metals Title 22 no Hg]											
Metals Acid Digestion	Complete			EPA 3050B	1.0		12/16/21	TLB			
Antimony	1.9	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB			
Arsenic	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB			
Barium	130	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Beryllium	<0.50	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Cadmium	<0.50	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Chromium	16	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Cobalt	5.2	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Copper	7.6	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Lead	3.3	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Molybdenum	0.50	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Nickel	5.4	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Selenium	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB			
Silver	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB			
Thallium	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB			
Vanadium	40	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Zinc	40	mg/Kg		EPA 6010B	1.0	5.0	12/16/21	TLB			
[Mercury]											
Mercury Digestion	Complete			EPA 7471A	1.0		12/20/21	JEN			
Mercury	<0.20	mg/Kg		EPA 7471A	1.0	0.20	12/20/21	JEN			
[Pesticides]											
Ultrasonic Extraction	Complete			EPA 3550	1.0		12/16/21	JEN			
Aldrin	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
alpha-BHC	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
beta-BHC	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
delta-BHC	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
gamma-BHC	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
Chlordane	<0.010	mg/Kg		EPA 8081A	1.0	0.010	12/16/21	JEN			
4,4'-DDD	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
4,4'-DDE	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
4,4'-DDT	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			

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CERTIFICATE OF ANALYSIS

2112-00175

HILLMANN GROUP
RYAN TERWILLIGER
1745 W. ORANGEWOOD AVE.
SUITE 201
ORANGE, CA 92868

Project: RICHLAND - SAN JACINTO

Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 B-1-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
.....continued								
Dieldrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan I	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan II	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan Sulfate	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin Aldehyde	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin ketone	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor Epoxide	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	12/16/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	130	%REC		EPA 8081A/8082		50-150	12/16/21	JEN
Decachlorobiphenyl	110	%REC		EPA 8081A/8082		50-150	12/16/21	JEN
Sample: 002 B-2-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		12/16/21	TLB
Antimony	2.6		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Arsenic	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Barium	200		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Beryllium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Cadmium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Chromium	19		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Cobalt	6.7		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Copper	7.5		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Lead	1.9		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Molybdenum	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Nickel	5.6		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Selenium	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 002 B-2-0.5'-1.5'					Date & Time Sampled:		12/15/21	
Sample Matrix: Soil								
<i>.....continued</i>								
Silver	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Thallium	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Vanadium	56		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Zinc	58		mg/Kg	EPA 6010B	1.0	5.0	12/16/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		12/20/21	JEN
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	12/20/21	JEN
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		12/16/21	JEN
Aldrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
alpha-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
beta-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
delta-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
gamma-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
4,4'-DDD	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
4,4'-DDE	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
4,4'-DDT	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Dieldrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan I	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan II	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan Sulfate	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin Aldehyde	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin ketone	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor Epoxide	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	12/16/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	120		%REC	EPA 8081A/8082	50-150		12/16/21	JEN

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Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 002 B-2-0.5'-1.5' Sample Matrix: Soilcontinued					Date & Time Sampled:		12/15/21	
Decachlorobiphenyl	110	%REC		EPA 8081A/8082		50-150	12/16/21	JEN
Sample: 003 B-3-0.5'-1.5' Sample Matrix: Soil					Date & Time Sampled:		12/15/21	
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		12/16/21	TLB
Antimony	2.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB
Arsenic	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB
Barium	170	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB
Beryllium	<0.50	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB
Cadmium	<0.50	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB
Chromium	17	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB
Cobalt	5.5	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB
Copper	7.2	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB
Lead	1.9	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB
Molybdenum	<0.50	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB
Nickel	4.7	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB
Selenium	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB
Silver	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB
Thallium	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB
Vanadium	47	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB
Zinc	46	mg/Kg		EPA 6010B	1.0	5.0	12/16/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		12/20/21	JEN
Mercury	<0.20	mg/Kg		EPA 7471A	1.0	0.20	12/20/21	JEN
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		12/16/21	JEN
Aldrin	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN
alpha-BHC	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN
beta-BHC	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN
delta-BHC	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN

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CERTIFICATE OF ANALYSIS

2112-00175

HILLMANN GROUP
RYAN TERWILLIGER
1745 W. ORANGEWOOD AVE.
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ORANGE, CA 92868

Project: RICHLAND - SAN JACINTO

Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 003 B-3-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
.....continued								
gamma-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
4,4'-DDD	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
4,4'-DDE	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
4,4'-DDT	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Dieldrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan I	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan II	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan Sulfate	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin Aldehyde	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin ketone	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor Epoxide	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	12/16/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	130	%REC		EPA 8081A/8082		50-150	12/16/21	JEN
Decachlorobiphenyl	120	%REC		EPA 8081A/8082		50-150	12/16/21	JEN
Sample: 004 B-4-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		12/16/21	TLB
Antimony	2.2		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Arsenic	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Barium	180		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Beryllium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Cadmium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Chromium	19		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Cobalt	6.3		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB



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ORANGE, CA 92868

Project: RICHLAND - SAN JACINTO

Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 004 B-4-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
.....continued								
Copper	6.6		mg/Kg	EPA 6010B		1.0	0.50	12/16/21
Lead	3.8		mg/Kg	EPA 6010B		1.0	0.50	12/16/21
Molybdenum	0.71		mg/Kg	EPA 6010B		1.0	0.50	12/16/21
Nickel	5.3		mg/Kg	EPA 6010B		1.0	0.50	12/16/21
Selenium	<1.0		mg/Kg	EPA 6010B		1.0	1.0	12/16/21
Silver	<1.0		mg/Kg	EPA 6010B		1.0	1.0	12/16/21
Thallium	<1.0		mg/Kg	EPA 6010B		1.0	1.0	12/16/21
Vanadium	51		mg/Kg	EPA 6010B		1.0	0.50	12/16/21
Zinc	51		mg/Kg	EPA 6010B		1.0	5.0	12/16/21
[Mercury]								
Mercury Digestion		Complete		EPA 7471A		1.0		12/20/21
Mercury	<0.20		mg/Kg	EPA 7471A		1.0	0.20	12/20/21
[Pesticides]								
Ultrasonic Extraction		Complete		EPA 3550		1.0		12/16/21
Aldrin	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
alpha-BHC	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
beta-BHC	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
delta-BHC	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
gamma-BHC	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Chlordane	<0.010		mg/Kg	EPA 8081A		1.0	0.010	12/16/21
4,4'-DDD	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
4,4'-DDE	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
4,4'-DDT	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Dieldrin	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endosulfan I	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endosulfan II	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endosulfan Sulfate	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endrin	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endrin Aldehyde	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endrin ketone	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Heptachlor	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21

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Project: RICHLAND - SAN JACINTO

Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 004 B-4-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
.....continued								
Heptachlor Epoxide	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	12/16/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	130		%REC	EPA 8081A/8082		50-150	12/16/21	JEN
Decachlorobiphenyl	120		%REC	EPA 8081A/8082		50-150	12/16/21	JEN
Sample: 005 B-5-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		12/16/21	TLB
Antimony	2.1		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Arsenic	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Barium	170		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Beryllium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Cadmium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Chromium	18		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Cobalt	6.0		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Copper	6.5		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Lead	3.1		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Molybdenum	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Nickel	4.9		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Selenium	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Silver	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Thallium	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Vanadium	50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Zinc	50		mg/Kg	EPA 6010B	1.0	5.0	12/16/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		12/20/21	JEN
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	12/20/21	JEN
[Pesticides]								



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Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 005 B-5-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
.....continued								
Ultrasonic Extraction	Complete			EPA 3550	1.0		12/16/21	JEN
Aldrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
alpha-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
beta-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
delta-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
gamma-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
4,4'-DDD	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
4,4'-DDE	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
4,4'-DDT	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Dieldrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan I	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan II	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan Sulfate	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin Aldehyde	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin ketone	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor Epoxide	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	12/16/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	120	%REC		EPA 8081A/8082		50-150	12/16/21	JEN
Decachlorobiphenyl	110	%REC		EPA 8081A/8082		50-150	12/16/21	JEN

Sample: 006 B-6-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		12/16/21	TLB
Antimony	2.1		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Arsenic	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB

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Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 006 B-6-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
.....continued								
Barium	170		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Beryllium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Cadmium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Chromium	17		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Cobalt	5.7		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Copper	7.4		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Lead	2.5		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Molybdenum	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Nickel	4.9		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Selenium	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Silver	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Thallium	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Vanadium	47		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Zinc	56		mg/Kg	EPA 6010B	1.0	5.0	12/16/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		12/20/21	JEN
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	12/20/21	JEN
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		12/16/21	JEN
Aldrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
alpha-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
beta-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
delta-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
gamma-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
4,4'-DDD	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
4,4'-DDE	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
4,4'-DDT	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Dieldrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan I	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan II	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN

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CERTIFICATE OF ANALYSIS

2112-00175

HILLMANN GROUP
RYAN TERWILLIGER
1745 W. ORANGEWOOD AVE.
SUITE 201
ORANGE, CA 92868

Project: RICHLAND - SAN JACINTO

Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 006 B-6-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
.....continued								
Endosulfan Sulfate	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin Aldehyde	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin ketone	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor Epoxide	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	12/16/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	140	%REC		EPA 8081A/8082		50-150	12/16/21	JEN
Decachlorobiphenyl	120	%REC		EPA 8081A/8082		50-150	12/16/21	JEN
Sample: 007 B-7-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		12/16/21	TLB
Antimony	2.2		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Arsenic	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Barium	150		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Beryllium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Cadmium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Chromium	17		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Cobalt	5.5		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Copper	6.4		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Lead	2.0		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Molybdenum	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Nickel	4.7		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Selenium	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Silver	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Thallium	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Vanadium	45		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB



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CERTIFICATE OF ANALYSIS

2112-00175

HILLMANN GROUP
RYAN TERWILLIGER
1745 W. ORANGEWOOD AVE.
SUITE 201
ORANGE, CA 92868

Project: RICHLAND - SAN JACINTO

Date Reported 12/21/21
Date Received 12/15/21
Invoice No. 93681
Cust # H080
Permit Number
Customer P.O. C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 B-7-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
.....continued								
Zinc	47		mg/Kg	EPA 6010B		1.0	5.0	12/16/21
[Mercury]								TLB
Mercury Digestion		Complete		EPA 7471A		1.0		12/20/21
Mercury	<0.20		mg/Kg	EPA 7471A		1.0	0.20	12/20/21
[Pesticides]								JEN
Ultrasonic Extraction		Complete		EPA 3550		1.0		12/16/21
Aldrin	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
alpha-BHC	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
beta-BHC	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
delta-BHC	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
gamma-BHC	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Chlordane	<0.010		mg/Kg	EPA 8081A		1.0	0.010	12/16/21
4,4'-DDD	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
4,4'-DDE	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
4,4'-DDT	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Dieldrin	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endosulfan I	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endosulfan II	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endosulfan Sulfate	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endrin	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endrin Aldehyde	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Endrin ketone	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Heptachlor	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Heptachlor Epoxide	<0.0050		mg/Kg	EPA 8081A		1.0	0.0050	12/16/21
Methoxychlor	<0.010		mg/Kg	EPA 8081A		1.0	0.010	12/16/21
Toxaphene	<0.050		mg/Kg	EPA 8081A		1.0	0.050	12/16/21
[Surrogates]								JEN
Tetrachloro-m-xylene	140		%REC	EPA 8081A/8082		50-150	12/16/21	
Decachlorobiphenyl	130		%REC	EPA 8081A/8082		50-150	12/16/21	JEN



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Project: RICHLAND - SAN JACINTO

Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech			
Sample: 008 B-8-0.5'-1.5'			Date & Time Sampled:			12/15/21					
Sample Matrix: Soil											
[Metals Title 22 no Hg]											
Metals Acid Digestion	Complete			EPA 3050B	1.0		12/16/21	TLB			
Antimony	2.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB			
Arsenic	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB			
Barium	160	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Beryllium	<0.50	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Cadmium	<0.50	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Chromium	17	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Cobalt	5.6	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Copper	5.5	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Lead	2.1	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Molybdenum	<0.50	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Nickel	4.3	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Selenium	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB			
Silver	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB			
Thallium	<1.0	mg/Kg		EPA 6010B	1.0	1.0	12/16/21	TLB			
Vanadium	44	mg/Kg		EPA 6010B	1.0	0.50	12/16/21	TLB			
Zinc	48	mg/Kg		EPA 6010B	1.0	5.0	12/16/21	TLB			
[Mercury]											
Mercury Digestion	Complete			EPA 7471A	1.0		12/20/21	JEN			
Mercury	<0.20	mg/Kg		EPA 7471A	1.0	0.20	12/20/21	JEN			
[Pesticides]											
Ultrasonic Extraction	Complete			EPA 3550	1.0		12/16/21	JEN			
Aldrin	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
alpha-BHC	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
beta-BHC	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
delta-BHC	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
gamma-BHC	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
Chlordane	<0.010	mg/Kg		EPA 8081A	1.0	0.010	12/16/21	JEN			
4,4'-DDD	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
4,4'-DDE	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			
4,4'-DDT	<0.0050	mg/Kg		EPA 8081A	1.0	0.0050	12/16/21	JEN			

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HILLMANN GROUP
RYAN TERWILLIGER
1745 W. ORANGEWOOD AVE.
SUITE 201
ORANGE, CA 92868

Project: RICHLAND - SAN JACINTO

Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech		
Sample: 008 B-8-0.5'-1.5'					Date & Time Sampled:		12/15/21			
Sample Matrix: Soil										
.....continued										
Dieldrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN		
Endosulfan I	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN		
Endosulfan II	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN		
Endosulfan Sulfate	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN		
Endrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN		
Endrin Aldehyde	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN		
Endrin ketone	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN		
Heptachlor	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN		
Heptachlor Epoxide	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN		
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN		
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	12/16/21	JEN		
[Surrogates]										
Tetrachloro-m-xylene	130	%REC		EPA 8081A/8082		50-150	12/16/21	JEN		
Decachlorobiphenyl	120	%REC		EPA 8081A/8082		50-150	12/16/21	JEN		
Sample: 009 B-9-0.5'-1.5'					Date & Time Sampled:		12/15/21			
Sample Matrix: Soil										
[Metals Title 22 no Hg]										
Metals Acid Digestion	Complete			EPA 3050B	1.0		12/16/21	TLB		
Antimony	2.1		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB		
Arsenic	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB		
Barium	150		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB		
Beryllium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB		
Cadmium	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB		
Chromium	16		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB		
Cobalt	5.6		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB		
Copper	6.0		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB		
Lead	2.0		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB		
Molybdenum	<0.50		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB		
Nickel	4.4		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB		
Selenium	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB		

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Project: RICHLAND - SAN JACINTO

Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 009 B-9-0.5'-1.5'					Date & Time Sampled:		12/15/21	
Sample Matrix: Soil								
.....continued								
Silver	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Thallium	<1.0		mg/Kg	EPA 6010B	1.0	1.0	12/16/21	TLB
Vanadium	45		mg/Kg	EPA 6010B	1.0	0.50	12/16/21	TLB
Zinc	49		mg/Kg	EPA 6010B	1.0	5.0	12/16/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		12/20/21	JEN
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	12/20/21	JEN
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		12/16/21	JEN
Aldrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
alpha-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
beta-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
delta-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
gamma-BHC	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
4,4'-DDD	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
4,4'-DDE	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
4,4'-DDT	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Dieldrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan I	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan II	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endosulfan Sulfate	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin Aldehyde	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Endrin ketone	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Heptachlor Epoxide	<0.0050		mg/Kg	EPA 8081A	1.0	0.0050	12/16/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	12/16/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	12/16/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	140		%REC	EPA 8081A/8082	50-150		12/16/21	JEN

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Project: RICHLAND - SAN JACINTO

Date Reported	12/21/21
Date Received	12/15/21
Invoice No.	93681
Cust #	H080
Permit Number	
Customer P.O.	C3-8812

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 009 B-9-0.5'-1.5'							Date & Time Sampled:	12/15/21
Sample Matrix: Soil								
.....continued								
Decachlorobiphenyl	130	%REC		EPA 8081A/8082		50-150	12/16/21	JEN

Respectfully Submitted:

Ken Zheng

Ken Zheng - Lab Director

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.
 B1 = BOD dilution water is over specifications . The reported result may be biased high.
 D = Surrogate recoveries are not calculated due to sample dilution.
 E = Estimated value; Value exceeds calibration level of instrument.
 H = Analyte was prepared and/or analyzed outside of the analytical method holding time
 I = Matrix Interference.
 J = Analyte concentration detected between RL and MDL.
 Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.
 S = Customer provided specification limit exceeded.

ABBREVIATIONS

DF = Dilution Factor
 RL = Reporting Limit, Adjusted by DF
 MDL = Method Detection Limit, Adjusted by DF
 Qual = Qualifier
 Tech = Technician



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QUALITY CONTROL DATA REPORT

HILLMANN GROUP

RYAN TERWILLIGER
1745 W. ORANGEWOOD AVE.
SUITE 201
ORANGE, CA 92868

2112-00175

Date Reported	12/21/2021
Date Received	12/15/2021
Date Sampled	12/15/2021
Invoice No.	93681
Customer #	H080
Customer P.O.	C3-8812

Project: RICHLAND - SAN JACINTO

EPA 6010B							
QC Reference #	100053		Date Analyzed: 12/16/2021		Technician: TLB		
Samples	001	002	003	004	005	006	007
Results	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD	
Antimony	101	101	0.2	93	93	0.4	75 - 125
Arsenic	98	98	0.3	83	83	1.1	0 - 20
Barium	100	100	0.4	88	82	1.0	0 - 20
Beryllium	101	102	1.0	102	101	1.1	75 - 125
Cadmium	99	98	0.6	85	85	0.4	0 - 20
Chromium	100	100	0.4	68	67	0.9	75 - 125
Cobalt	99	98	1.3	83	83	0.3	0 - 20
Copper	100	102	2.5	90	93	2.0	75 - 125
Lead	99	98	1.1	79	80	1.5	0 - 20
Molybdenum	99	98	1.4	91	91	0.7	75 - 125
Nickel	99	98	1.0	81	82	1.0	0 - 20
Selenium	99	100	0.8	74	75	0.9	75 - 125
Silver	97	99	1.7	88	89	1.6	0 - 20
Thallium	98	103	5.0	80	83	7.9	75 - 125
Vanadium	101	102	0.8	92	96	1.5	0 - 20
Zinc	99	98	0.6	79	80	0.7	75 - 125

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20

EPA 7471A							
QC Reference #	100106		Date Analyzed: 12/20/2021		Technician: JEN		
Samples	001	002	003	004	005	006	007
Results	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD	
Mercury	94	91	3	85	88	3	75 - 125

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 25	0 - 25

EPA 8081A							
QC Reference #	100063		Date Analyzed: 12/16/2021		Technician: JEN		
Samples	001	002	003	004	005	006	007
Results	LCS %REC	SPIKE %REC	SPIKE %DUP	SPIKE %RPD			
4,4'-DDT	70	63	51	12			
Aldrin	110	120	110	10			
Dieldrin	100	110	110	0			
Endrin	72	93	95	2			
gamma-BHC	96	120	100	20			
Heptachlor	70	94	95	1			

Control Ranges

LCS %REC	SPIKE %RPD
30 - 130	0 - 30
50 - 140	0 - 30
70 - 130	0 - 30
70 - 150	0 - 30
50 - 150	0 - 30
50 - 150	0 - 30

EPA 8081A/8082							
QC Reference #	100063		Date Analyzed: 12/16/2021		Technician: JEN		
Samples	001	002	003	004	005	006	007



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QUALITY CONTROL DATA REPORT

HILLMANN GROUP
 RYAN TERWILLIGER

2112-00175

Date Reported	12/21/2021
Date Received	12/15/2021
Date Sampled	12/15/2021

Project: RICHLAND - SAN JACINTO

Method #	EPA 8081A/8082		Technician:
QC Reference #	100063	Date Analyzed:	12/16/2021
Samples	001 002 003 004 005 006 007 008 009		
Results			Control Ranges
			BLKSRR%REC
			EC
Decachlorobiphenyl	91		50 - 150
Tetrachloro-m-xylene	110		50 - 150

No method blank results were above reporting limit

Respectfully Submitted:

Ken Zheng

Ken Zheng - President

AR LABORATORIES, Inc.

1650 S. Grove Ave Suite C
Ontario, CA 91761
Voice: 951.779.0310 • 800.798.9336
Fax: 951.779.0344

Chain of Custody Record

2112-175

AR Lab Job #

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Page 1 of 1

Project No: C3-8812		Project Name: Richland - San Jacinto					Please Circle Analyses Requested							Turn-Around Time		
Project Manager: Stephen Bartlett		Phone: 714-634-9500		Fax:		<input type="checkbox"/> 24 Hr. RUSH* <input type="checkbox"/> 48 Hr. RUSH* <input checked="" type="checkbox"/> Normal TAT										
Client Name: (Report and Billing) Hillmann Consulting LLC			Address: (Report and Billing) 1745 W. Orangewood Avenue, Suite 201 Orange, CA 92868					<input type="checkbox"/> GC or GCMS Volatiles by 5036 [*] <input type="checkbox"/> GCMS: 8260B, 8021B, 624, 624.2 <input type="checkbox"/> GCMS: MtBE Conf. Only, BTEX/Oxygenates Only <input type="checkbox"/> GCMS: 8270C, 625 <input checked="" type="checkbox"/> 8080: Pesticides, PCBs, Pest/PCB							Requested due date: _____	
Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	8015M: Diesel, Fuel Screen, Carbon Chain	8015M: Gas only	8021B: BTEX/MtBE Only	418.1 (FRPH), 413.2, 1664	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hex Cr	Remarks/Special Instructions		
1	B-1-051-151	12/15/21		SB/1	Q1-Q4	1 glass	X	X	X	X	X	X	X			
2	B-2-051-151				Q5-Q6		X	X	X	X	X	X	X			
3	B-3-051-151				Q9-Q12		X	X	X	X	X	X	X			
4	B-4-051-151				Q13-Q16		X	X	X	X	X	X	X			
5	B-5-051-151				Q17-Q20		X	X	X	X	X	X	X			
6	B-6-051-151				Q21-Q24		X	X	X	X	X	X	X			
7	B-7-051-151				Q25-Q27		X	X	X	X	X	X	X			
8	B-8-051-151				Q28-Q30		X	X	X	X	X	X	X			
9	B9-05145				Q31-Q33		X	X	X	X	X	X	X			
1) Relinquished by: (Sampler's Signature)			Date:	Time:	3) Relinquished by:		Date:	Time:	To be completed by Laboratory personnel:							Sample Disposal
<i>Stephen Bartlett</i>			12/15/21	1:04					Samples chilled? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> From Field Custody seals? <input type="checkbox"/> Yes <input type="checkbox"/> No All sample containers intact? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Courier <input type="checkbox"/> UPS/Fed Ex <input type="checkbox"/> Hand carried							<input type="checkbox"/> Client will pick up <input type="checkbox"/> Return to client <input type="checkbox"/> Lab disposal
2) Received by:			Date:	Time:	4) Received by:		Date:	Time:								
The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.			5) Relinquished by:				Date:	Time:								
Laboratory Notes:			6) Received for Laboratory by:				Date:	Time:								Sample Locator No.
							12/15	1:04								

ARL

Sample Acceptance Checklist

CLIENT: Hillmann Consulting

WORK ORDER NUMBER: 2112-175

Temperature: (Criteria: 0.0°C-6.0°C)

Sample Temp. (w/CF) °C (w/CF) 4.0 °c

- Sample(s) outside temperature criteria: PM contacted by :
 Sample(s) outside temperature criteria, but received on ice/chilled on same day of sampling.
 Sample(s) received at ambient temperature; placed on ice for transport by courier.
 Ambient Temperature Air Filter

CUSTODY SEAL:

Cooler	<input type="checkbox"/>	Present and Intact	<input type="checkbox"/>	Present and Not Intact	<input checked="" type="checkbox"/>	Not Present
Sample(s)	<input type="checkbox"/>	Present and Intact	<input type="checkbox"/>	Present and Not Intact	<input checked="" type="checkbox"/>	Not Present

Sample Condition:

	Yes	No	N/A
Was a COC received	X		
Were sample IDs present?	X		
Were sampling dates & times present?	X		
Was a relinquished signature present?	X		
Were the tests required clearly indicated?	P		
Were all samples sealed in plastic bags?			X
Did all bottle labels agree with COC? (ID, dates and times)	X		
Were correct containers used for the tests required?	X		
Was a sufficient amount of samples sent for tests indicated?	X		
Was there headspace in VOA vials?			
Were the containers labeled with correct preservatives?			X

Explanations/Comments:

Notification:

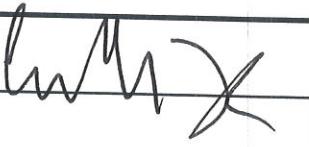
For discrepancies, how was the Project Manager notified? Verbal

Verbal: PM Initials: _____

Data/Time: _____

Email: Send to: _____ Data/Time: _____

Project Manager's response: _____

Completed By: 

Date: 12/15/21