



LIMITED PHASE II SUBSURFACE INVESTIGATION REPORT



Murrieta Road and Ethanac Road
Menifee, CA 92585

Prepared For:

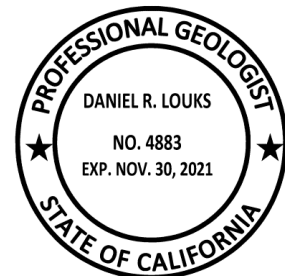
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3161 Michelson Drive, Suite 425
Irvine, CA 92612

Hillmann Project Number C3-8570

Ugr vgo dgt 1, 2021

Hillmann Consulting, LLC

Dan Louks
Professional Geologist 4883



Your Property. Our Priority.

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September 1, 2021

Mr. Alan Sharp
c/o EPD Solutions
3161 Michelson Drive, Suite 425
Irvine, CA 92612

RE: Limited Phase II Subsurface Investigation Report
Murrieta Road and Ethanac Road
Menifee, California 92585
Hillmann Project Number: C3-8570

Dear Mr. Sharp:

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

Stephen Bartlett
Senior Project Manager

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TABLE OF CONTENTS

1.0 INTRODUCTION / BACKGROUND 1
2.0 GEOLOGY/HYDROGEOLOGY 1
3.0 SITE INVESTIGATION 1
 3.1 Laboratory Results 1
4.0 CONCLUSIONS AND RECOMMENDATIONS 2
5.0 LIMITATIONS 2

LIST OF TABLES

TABLE 1 - Summary of Pesticide Soil Sampling Results

TABLE 2 - Summary of Heavy Metals Results

LIST OF FIGURES

FIGURE 1 - Site Plan – Sample Location Map

LIST OF APPENDICES

APPENDIX A - Laboratory Reports

1.0 INTRODUCTION / BACKGROUND

Hillmann Consulting, LLC (Hillmann) conducted a Limited Phase II Subsurface Investigation at the site, located at Murrieta Road and Ethanac Road. The Property consists of several rectangular shaped parcels located south of the intersection of Murrieta Road and Ethanac Road in Menifee, California. The Property occupies approximately twenty-nine (29) acres of land located in a rural developed area characterized by a mix of commercial properties and single-family homes.

During a previous Phase I, approximately one-hundred stockpiles of unknown origin were identified on the western side of the Property. Due to the unknown origin of these stockpiles, there was a concern about possible contaminants from off-site sources.

During a Phase II conducted by Hillmann in August 2021, Hillmann collected twenty-five (25) individual samples and analyzed for OCPs, Title 22 Metals, VOCs, and TPHcc from twenty-five (25) stockpiles throughout the Property, additionally one sample was analyzed for PAHs. Results of the analysis indicated no detectable levels of OCPs, TPHcc, or PAHs in stockpiles sampled. VOC results indicated low levels of two (2), two (2) Butanone and Acetone in nine (9) and eleven (11) stockpiles respectively, however these did not exceed conservative screening levels for residential applications. 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 drilling logs, the stockpile soil primarily consists of coarse sandy loam. Groundwater was not encountered during soil sampling.

3.0 SITE INVESTIGATION

On August 16, 2021 Hillmann collected twenty-five (25) shallow soil samples from different stockpiles on the Property. The samples were collected using a hand auger tool or soil sampling spatula, and were completed from 2.0 to 3.0 feet below grade. 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 twenty-five (25) soil samples were submitted for laboratory analysis for organo-chlorine pesticides (OCP) by EPA Method 8081A, Title 22 Metals by EPA Method 6010B, Total Petroleum Hydrocarbons by EPA Method 8015M, Volatile Organic Compounds (VOCs) by EPA Method 8260B, and Polycyclic Aromatic Hydrocarbons (PAHs) by EPA Method 8270C. 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, TPHcc, and PAH analysis indicated no detectable levels in samples collected. Results of VOC analysis indicated low levels of two (2), two (2) Butanone and Acetone. Results of heavy metal analysis indicated the samples had low background levels of barium, chromium, cobalt, copper, lead, 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, TPHcc, and PAH analysis indicated no detectable levels. 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 results from VOC analysis indicate the samples had low levels of two (2), two (2) Butanone and Acetone which did not exceed the applicable RSLs for residential applications. These results are summarized in **Table 3**. The laboratory report is included as **Appendix A**.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The site occupies approximately 28-acres of land, that is being considered for development. A recent site visit indicated the presence of approximately one-hundred soil stockpiles of unknown origin which had the potential for contaminants from an off-site source. Based on these factors Hillmann recommended that a soil sampling investigation that included sampling of approximately twenty-five stockpiles for pesticides, TPHcc, VOCs, PAHs and Title 22 Metals. Hillmann collected twenty-five (25) individual samples and analyzed for OCPs, TPHcc, VOCs, PAHs, and Title 22 Metals. Results of OCP, TPHcc, and PAH analysis indicated no detectable levels in samples collected. Results of VOC analysis indicated low levels of two (2), two (2) Butanone and Acetone. 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
S-1-2.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-2-2.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-3-3.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-4-2.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-5-2.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-6-2.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-7-2.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-8-2.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-9-3.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-10-2.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-11-2.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-12-2.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-13-3.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-14-2.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-15-2.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-16-2.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-17-2.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-18-2.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-19-3.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-20-2.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-21-2.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND

Sample ID	4,4 DDD	4,4 DDE	4,4 DDT	Dieldrin	Other OCP
S-22-2.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-23-2.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-24-2.5'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
S-25-3.0'	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND (<0.0020)	ND
Residential RSL	2.3	2.0	1.9	0.034	Var.
Commercial RSL	9.6	9.3	8.5	0.14	Var.

Notes: Refer to Table 2 for heavy metal results summary. OCP - Organo-Chlorine 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	Barium	Chromium	Cobalt	Copper	Lead	Nickel	Vanadium	Zinc
S-1-2.5'	102	11.6	4.05	9.58	2.13	3.64	42.3	28.1
S-2-2.0'	133	14.5	5.33	8.40	3.34	4.50	46.7	21.2
S-3-3.0'	140	14.4	5.59	8.60	3.59	4.67	47.5	21.9
S-4-2.0'	137	14.3	5.69	8.30	3.97	4.40	48.4	23.4
S-5-2.5'	115	13.0	4.96	8.34	3.72	4.10	42.6	21.6
S-6-2.0'	131	14.5	5.94	9.13	3.82	5.07	48.1	21.2
S-7-2.5'	104	13.5	4.67	8.69	3.87	4.29	41.6	20.2
S-8-2.0'	129	14.7	5.29	12.4	2.86	4.60	52.8	36.8
S-9-3.0'	125	13.6	4.93	12.0	2.60	4.30	50.8	36.0
S-10-2.5'	105	13.9	5.13	8.41	3.27	4.49	43.8	19.0
S-11-2.0'	138	13.9	5.08	11.6	2.43	4.52	52.5	34.8
S-12-2.5'	117	13.0	4.91	11.7	2.51	4.26	50.6	35.8
S-13-3.0'	128	13.2	5.00	12.2	2.74	4.51	52.0	34.1
S-14-2.5'	147	14.2	5.16	12.1	2.40	4.35	53.3	36.4
S-15-2.0'	126	14.0	5.14	12.4	2.55	4.66	52.7	37.1
S-16-2.5'	125	13.6	5.15	11.9	2.75	4.30	51.9	35.5
S-17-2.0'	109	14.1	5.20	9.08	3.41	4.55	46.6	19.9
S-18-2.5'	145	14.2	5.49	12.5	2.60	4.70	54.9	33.3
S-19-3.0'	132	13.5	5.09	11.4	2.48	4.29	51.3	32.8
S-20-2.5'	120	13.2	4.92	12.0	2.67	4.18	50.5	34.9
S-21-2.0'	162	20.4	6.80	15.1	2.32	5.98	70.5	45.2
S-22-2.5'	155	18.9	6.20	14.2	2.30	5.64	65.3	42.6

Sample ID	Barium	Chromium	Cobalt	Copper	Lead	Nickel	Vanadium	Zinc
S-23-2.0'	151	18.9	6.04	14.3	2.49	5.49	66.1	43.6
S-24-2.5'	136	17.5	5.75	13.3	1.93	5.15	61.0	40.4
S-25-3.0'	159	20.4	6.57	15.2	2.27	6.07	70.5	47.2
Residential RSL	15,000	36,000	23	3,100	80	490*	390*	23,000
Industrial RSL	220,000	170,000	350	47,000	320	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

TABLE 3
Summary of Soil Sampling Results (mg/Kg)

Sample ID	Benzene	Toluene	Ethylbenzene	Xylenes	2, 2 Butanone	Acetone	Other VOC	TPHg
Sampled August 16, 2021								
S-1-2.5'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	ND<0.10	ND	ND<0.20
S-2-2.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	ND<0.10	ND	ND<0.20
S-3-3.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	ND<0.10	ND	ND<0.20
S-4-2.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	0.034	ND<0.10	ND	ND<0.20
S-5-2.5'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	ND<0.10	ND	ND<0.20
S-6-2.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	0.033	ND<0.10	ND	ND<0.20
S-7-2.5'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	ND<0.10	ND	ND<0.20
S-8-2.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	0.038	0.15	ND	ND<0.20
S-9-3.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	0.042	0.15	ND	ND<0.20
S-10-2.5'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	ND<0.10	ND	ND<0.20
S-11-2.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	ND<0.10	ND	ND<0.20
S-12-2.5'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	0.036	0.14	ND	ND<0.20
S-13-3.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	0.12	ND	ND<0.20
S-14-2.5'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	ND<0.10	ND	ND<0.20
S-15-2.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	0.041	0.17	ND	ND<0.20

Sample ID	Benzene	Toluene	Ethylbenzene	Xylenes	2, 2 Butanone	Acetone	Other VOC	TPHg
S-16-2.5'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	0.039	0.16	ND	ND<0.20
S-17-2.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	0.037	ND<0.10	ND	ND<0.20
S-18-2.5'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	ND<0.10	ND	ND<0.20
S-19-3.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	0.11	ND	ND<0.20
S-20-2.5'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	0.12	ND	ND<0.20
S-21-2.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	ND<0.10	ND	ND<0.20
S-22-2.5'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	ND<0.10	ND	ND<0.20
S-23-2.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	0.10	ND	ND<0.20
S-24-2.5'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	ND<0.0313	0.11	ND	ND<0.20
S-25-3.0'	ND<0.004	ND<0.005	ND<0.005	ND<0.005	0.032	0.15	ND	ND<0.20
Residential RSL	0.33*	1,100*	5.8	580	27,000	61,000	--	82
Commercial RSL	1.4*	5,400*	25	2,500	190,000	670,000	--	420

FIGURES



LEGEND

-  Soil Borings
-  Quadrant Lines

FIGURE 1A
 GENERAL SITE PLAN
 Ethanac Road and Murrieta Road
 Menifee, California

APPENDIX A

Laboratory Reports



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	2122

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CASE NARRATIVE

Authorized Signature Name / Title (print)

Ken Zheng, President

Signature / Date

Ken Zheng, President
08/20/2021 9:59:45

Laboratory Job No. (Certificate of Analysis No.)

2108-00125

Project Name / No.

SHARP-MURIETTA C3-8570

Dates Sampled (from/to)

08/16/21 To 08/16/21

Dates Received (from/to)

08/16/21 To 08/16/21

Dates Reported (from/to)

08/20/21 To 8/20/2021

Chains of Custody Received

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)

Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
S-4-2.0'	2-Butanone (MEK)	0.034		mg/Kg	0.0313	S-6-2.0'	2-Butanone (MEK)	0.033		mg/Kg	0.0313
S-8-2.0'	2-Butanone (MEK)	0.038		mg/Kg	0.0313	S-8-2.0'	Acetone	0.15		mg/Kg	0.10
S-9-3.0'	2-Butanone (MEK)	0.042		mg/Kg	0.0313	S-9-3.0'	Acetone	0.15		mg/Kg	0.10
S-12-2.5'	2-Butanone (MEK)	0.036		mg/Kg	0.0313	S-12-2.5'	Acetone	0.14		mg/Kg	0.10
S-13-3.0'	Acetone	0.12		mg/Kg	0.10	S-15-2.0'	2-Butanone (MEK)	0.041		mg/Kg	0.0313
S-15-2.0'	Acetone	0.17		mg/Kg	0.10	S-16-2.5'	2-Butanone (MEK)	0.039		mg/Kg	0.0313
S-16-2.5'	Acetone	0.16		mg/Kg	0.10	S-17-2.0'	2-Butanone (MEK)	0.037		mg/Kg	0.0313
S-19-3.0'	Acetone	0.11		mg/Kg	0.10	S-20-2.5'	Acetone	0.12		mg/Kg	0.10
S-23-2.0'	Acetone	0.10		mg/Kg	0.10	S-24-2.5'	Acetone	0.11		mg/Kg	0.10
S-25-3.0'	2-Butanone (MEK)	0.032		mg/Kg	0.0313	S-25-3.0'	Acetone	0.15		mg/Kg	0.10



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	2790
	2122

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CERTIFICATE OF ANALYSIS

2108-00125

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

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

Project: SHARP-MURIETTA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 S-1-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/16/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/16/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	119		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	102		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	11.6		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	4.05		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	9.58		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.13		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	3.64		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	42.3		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	28.1		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV

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CERTIFICATE OF ANALYSIS

2108-00125

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

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

Project: SHARP-MURIETTA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 S-1-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	145		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	143		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Project: SHARP-MURIETTA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 S-1-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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ORANGE, CA 92868

Project: SHARP-MURIETTA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 S-1-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DIPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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ORANGE, CA 92868

Project: SHARP-MURIETTA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 S-1-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	108		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	96		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	86		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 002 S-2-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/16/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/16/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	112		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	133		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	14.5		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.33		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	8.40		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	3.34		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.50		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB

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Project: SHARP-MURIETTA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 002 S-2-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	46.7		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	21.2		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								

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CERTIFICATE OF ANALYSIS

2108-00125

Date Reported	08/20/21
Date Received	08/16/21
Invoice No.	92637
Cust #	H080
Permit Number	
Customer P.O.	C3-8570

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

Project: SHARP-MURIETTA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 002 S-2-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Tetrachloro-m-xylene	136		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	122		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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ORANGE, CA 92868

Project: SHARP-MURIETTA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 002 S-2-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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2108-00125

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

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

Project: SHARP-MURIETTA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 002 S-2-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	105		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	98		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	93		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 003 S-3-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/16/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/16/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	112		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB

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Project: SHARP-MURIETTA

Date Reported 08/20/21
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Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 003 S-3-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	140		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	14.4		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.59		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	8.60		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	3.59		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.67		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	47.5		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	21.9		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 003 S-3-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	118		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	116		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 003 S-3-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 003 S-3-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	104		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	99		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	93		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 004 S-4-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/16/21	JEN

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Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 004 S-4-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/16/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	109		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	137		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	14.3		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.69		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	8.30		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	3.97		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.40		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	48.4		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	23.4		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 004 S-4-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	150		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	121		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 004 S-4-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	0.034		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 004 S-4-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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RYAN TERWILLIGER
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Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 004 S-4-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	105		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	97		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	94		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 005 S-5-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/16/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/16/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	106		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	115		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	13.0		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	4.96		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	8.34		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	3.72		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.10		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB

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Project: SHARP-MURIETTA

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Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 005 S-5-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	42.6		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	21.6		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	120		%REC	EPA 8081A/8082		50-150	08/17/21	JEN

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Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 005 S-5-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Decachlorobiphenyl	120		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 005 S-5-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DIPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 005 S-5-2.5'					Date & Time Sampled:		08/16/21	
Sample Matrix: Soil								
.....continued								
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	105		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	98		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	96		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 006 S-6-2.0'					Date & Time Sampled:		08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/16/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/16/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	108		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB

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Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 006 S-6-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Barium	131		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	14.5		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.94		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	9.13		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	3.82		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	5.07		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	48.1		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	21.2		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 006 S-6-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	150		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	150		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	0.033		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Project: SHARP-MURIETTA

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Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 006 S-6-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 006 S-6-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	105		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	98		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	93		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 007 S-7-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/16/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/16/21	JEN

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LA City#	10261
ELAP#s	2789
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CERTIFICATE OF ANALYSIS

2108-00125

Date Reported 08/20/21
 Date Received 08/16/21
 Invoice No. 92637
 Cust # H080
 Permit Number
 Customer P.O. C3-8570

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

Project: SHARP-MURIETTA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 S-7-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	112		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	104		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	13.5		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	4.67		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	8.69		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	3.87		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.29		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	41.6		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	20.2		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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Project: SHARP-MURIETTA

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 S-7-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	114		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	107		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 S-7-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 S-7-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 S-7-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
[VOC Surrogates]								
Dibromofluoromethane	106		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	99		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	96		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 008 S-8-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	114		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	129		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	14.7		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.29		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	12.4		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.86		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.60		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 008 S-8-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	52.8		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	36.8		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	125		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	117		%REC	EPA 8081A/8082		50-150	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 008 S-8-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	0.15		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	0.038		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 008 S-8-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 008 S-8-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	105		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	94		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	89		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 009 S-9-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	107		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	125		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 009 S-9-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	13.6		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	4.93		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	12.0		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.60		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.30		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	50.8		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	36.0		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 009 S-9-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	119		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	118		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	0.15		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	0.042		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 009 S-9-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DIPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 009 S-9-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	109		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	93		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	84		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 010 S-10-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 010 S-10-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	109		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	105		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	13.9		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.13		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	8.41		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	3.27		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.49		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	43.8		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	19.0		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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Sample: 010 S-10-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	120		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	118		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN

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2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 010 S-10-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 010 S-10-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								

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Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 010 S-10-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Dibromofluoromethane	104		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	98		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	96		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 011 S-11-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	120		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	138		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	13.9		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.08		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	11.6		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.43		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.52		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 011 S-11-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Vanadium	52.5		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	34.8		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	142		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	129		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 011 S-11-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 011 S-11-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 011 S-11-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	108		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	94		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	87		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 012 S-12-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	112		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	117		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 012 S-12-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	13.0		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	4.91		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	11.7		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.51		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.26		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	50.6		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	35.8		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 012 S-12-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	135		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	135		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	0.14		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	0.036		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Sample: 012 S-12-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 012 S-12-2.5'					Date & Time Sampled:		08/16/21	
Sample Matrix: Soil								
.....continued								
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	107		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	93		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	86		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 013 S-13-3.0'					Date & Time Sampled:		08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV

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Project: SHARP-MURIETTA

Date Reported 08/20/21
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Invoice No. 92637
Cust # H080
Permit Number
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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 013 S-13-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	113		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	128		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	13.2		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.00		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	12.2		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.74		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.51		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	52.0		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	34.1		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 013 S-13-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	132		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	132		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	0.12		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 013 S-13-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DIPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 013 S-13-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	106		%REC	EPA 8260B		70-130	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 013 S-13-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Toluene-D8	92		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	87		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 014 S-14-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	101		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	147		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	14.2		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.16		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	12.1		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.40		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.35		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	53.3		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB

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2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 014 S-14-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Zinc	36.4		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	120		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	120		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 014 S-14-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 014 S-14-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 014 S-14-2.5'					Date & Time Sampled:		08/16/21	
Sample Matrix: Soil								
.....continued								
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	107		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	92		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	80		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 015 S-15-2.0'					Date & Time Sampled:		08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	100		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	126		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 015 S-15-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Chromium	14.0		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.14		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	12.4		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.55		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.66		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	52.7		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	37.1		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

Date Reported	08/20/21
Date Received	08/16/21
Invoice No.	92637
Cust #	H080
Permit Number	
Customer P.O.	C3-8570

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

Project: SHARP-MURIETTA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 015 S-15-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	132		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	124		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[PAHs by GCMS]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/18/21	JEN
Acenaphthene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Acenaphthylene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Anthracene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Benzo(a)anthracene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Benzo(a)pyrene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Benzo(b)fluoranthene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Benzo(g,h,i)perylene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Benzo(k)fluoranthene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Chrysene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Dibenzo(a,h)anthracene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Fluoranthene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Fluorene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Indeno(1,2,3-c,d)pyrene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
2-Methylnaphthalene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Naphthalene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Phenanthrene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
Pyrene	<0.25		mg/Kg	EPA 8270C	1.0	0.25	08/18/21	JEN
[Semi-Volatile Surrogates]								
2-Fluorophenol	105		%REC	EPA 8270C		10-160	08/18/21	JEN
Phenol-D5	80		%REC	EPA 8270C		10-160	08/18/21	JEN
Nitrobenzene-D5	90		%REC	EPA 8270C		10-160	08/18/21	JEN

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Project: SHARP-MURIETTA

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Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 015 S-15-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
2-Fluorobiphenyl	103		%REC	EPA 8270C		10-160	08/18/21	JEN
2,4,6-Tribromophenol	81		%REC	EPA 8270C		10-160	08/18/21	JEN
p-Terphenyl-D14	107		%REC	EPA 8270C		10-160	08/18/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	0.17		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	0.041		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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ORANGE, CA 92868

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 015 S-15-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 015 S-15-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	112		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	94		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	86		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 016 S-16-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	100		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 016 S-16-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	125		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	13.6		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.15		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	11.9		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.75		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.30		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	51.9		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	35.5		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 016 S-16-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Endosulfan I	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	121		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	123		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	0.16		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	0.039		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 016 S-16-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 016 S-16-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	118		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	92		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	89		%REC	EPA 8260B		70-130	08/17/21	JEN

Sample: 017 **S-17-2.0'**

Sample Matrix: **Soil**

Date & Time Sampled: 08/16/21

[TPH Gasoline (C4-C12)]



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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 017 S-17-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	104		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	109		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	14.1		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.20		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	9.08		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	3.41		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.55		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	46.6		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	19.9		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 017 S-17-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	125		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	115		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 017 S-17-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	0.037		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Project: SHARP-MURIETTA

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Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 017 S-17-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DIPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 017 S-17-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	107		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	98		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	96		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 018 S-18-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	92		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	145		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	14.2		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.49		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	12.5		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.60		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.70		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB

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Invoice No. 92637
Cust # H080
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Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 018 S-18-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	54.9		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	33.3		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 018 S-18-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Tetrachloro-m-xylene	132		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	116		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 018 S-18-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 018 S-18-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	109		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	93		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	85		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 019 S-19-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	103		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB

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Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 019 S-19-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	132		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	13.5		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.09		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	11.4		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.48		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.29		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	51.3		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	32.8		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 019 S-19-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	114		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	102		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	0.11		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 019 S-19-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 019 S-19-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	110		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	91		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	84		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 020 S-20-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN

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2108-00125

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Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 020 S-20-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	72		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	120		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	13.2		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	4.92		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	12.0		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.67		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	4.18		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	50.5		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	34.9		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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Project: SHARP-MURIETTA

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Cust # H080
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Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 020 S-20-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	127		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	126		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	0.12		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 020 S-20-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 020 S-20-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 020 S-20-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	110		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	92		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	88		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 021 S-21-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	107		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	162		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	20.4		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	6.80		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	15.1		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.32		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	5.98		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB

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Project: SHARP-MURIETTA

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Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 021 S-21-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	70.5		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	45.2		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	107		%REC	EPA 8081A/8082		50-150	08/17/21	JEN

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Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 021 S-21-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Decachlorobiphenyl	108		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 021 S-21-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DIPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 021 S-21-2.0'					Date & Time Sampled:		08/16/21	
Sample Matrix: Soil								
.....continued								
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	113		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	90		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	83		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 022 S-22-2.5'					Date & Time Sampled:		08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	101		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 022 S-22-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Barium	155		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	18.9		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	6.20		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	14.2		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.30		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	5.64		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	65.3		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	42.6		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 022 S-22-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	116		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	96		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	<0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 022 S-22-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 022 S-22-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	110		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	89		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	85		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 023 S-23-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 023 S-23-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	110		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	151		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	18.9		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	6.04		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	14.3		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.49		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	5.49		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	66.1		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	43.6		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 023 S-23-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	114		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	113		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	0.10		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 023 S-23-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 023 S-23-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DiPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 023 S-23-2.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
[VOC Surrogates]								
Dibromofluoromethane	107		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	91		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	85		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 024 S-24-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	112		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	136		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	17.5		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	5.75		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	13.3		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	1.93		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	5.15		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 024 S-24-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	61.0		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	40.4		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	116		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	108		%REC	EPA 8081A/8082		50-150	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 024 S-24-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	0.11		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 024 S-24-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DIPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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Project: SHARP-MURIETTA

Date Reported 08/20/21
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Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 024 S-24-2.5'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	109		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	90		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	84		%REC	EPA 8260B		70-130	08/17/21	JEN
Sample: 025 S-25-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
[TPH Gasoline (C4-C12)]								
Closed System P&T TPHg Soil	Complete			EPA 5035	1.0		08/17/21	JEN
C4-C12	<0.50		mg/Kg	LUFT GC/MS	1.0	0.50	08/17/21	JEN
[Extractable Hydrocarbons]								
Extraction	Complete			EPA 3550B	1.0		08/16/21	DV
C13-C22	<10		mg/Kg	EPA 8015M	1.0	10	08/18/21	JEN
C23-C40	<20		mg/Kg	EPA 8015M	1.0	20	08/18/21	JEN
[Surrogate]								
o-Terphenyl (OTP)	105		%REC	EPA 8015M		50-150	08/18/21	JEN
[Metals Title 22 no Hg]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		08/18/21	TLB
Antimony	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Arsenic	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Barium	159		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 025 S-25-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Beryllium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cadmium	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Chromium	20.4		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Cobalt	6.57		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Copper	15.2		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Lead	2.27		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Molybdenum	<0.500		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Nickel	6.07		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Selenium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Silver	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Thallium	<1.00		mg/Kg	EPA 6010B	1.0	1.00	08/18/21	TLB
Vanadium	70.5		mg/Kg	EPA 6010B	1.0	0.500	08/18/21	TLB
Zinc	47.2		mg/Kg	EPA 6010B	1.0	5.00	08/18/21	TLB
[Mercury]								
Mercury Digestion	Complete			EPA 7471A	1.0		08/18/21	KZ
Mercury	<0.20		mg/Kg	EPA 7471A	1.0	0.20	08/18/21	KZ
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		08/16/21	DV
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 025 S-25-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	08/17/21	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	08/17/21	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	08/17/21	JEN
[Surrogates]								
Tetrachloro-m-xylene	132		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
Decachlorobiphenyl	117		%REC	EPA 8081A/8082		50-150	08/17/21	JEN
[VOCs by GCMS]								
Closed System P&T VOC Soil	Complete			EPA 5035	1.0		08/17/21	JEN
Acetone	0.15		mg/Kg	EPA 8260B	1.0	0.10	08/17/21	JEN
t-Amyl Methyl Ether (TAME)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Benzene	<0.0040		mg/Kg	EPA 8260B	1.0	0.0040	08/17/21	JEN
Bromobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromodichloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromoform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Bromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
t-Butanol (TBA)	<0.0625		mg/Kg	EPA 8260B	1.0	0.0625	08/17/21	JEN
2-Butanone (MEK)	0.032		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
n-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
sec-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
tert-Butylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Carbon Disulfide	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Carbon Tetrachloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloroform	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Chloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 025 S-25-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
2-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Chlorotoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dibromochloromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromoethane (EDB)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dibromo-3-Chloropropane	<0.010		mg/Kg	EPA 8260B	1.0	0.010	08/17/21	JEN
Dibromomethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,4-Dichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Dichlorodifluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,2-Dichloroethene	<0.0020		mg/Kg	EPA 8260B	1.0	0.0020	08/17/21	JEN
trans-1,2-Dichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2,2-Dichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
cis-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
trans-1,3-Dichloropropene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Diisopropyl Ether (DIPE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Ethyl-t-Butyl Ether (EtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Hexachlorobutadiene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
2-Hexanone	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Isopropylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Isopropyltoluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Methylene Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
4-Methyl-2-Pentanone (MIBK)	<0.0313		mg/Kg	EPA 8260B	1.0	0.0313	08/17/21	JEN
Methyl-t-butyl Ether (MtBE)	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN

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CERTIFICATE OF ANALYSIS

2108-00125

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

Project: SHARP-MURIETTA

Date Reported 08/20/21
Date Received 08/16/21
Invoice No. 92637
Cust # H080
Permit Number
Customer P.O. C3-8570

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 025 S-25-3.0'							Date & Time Sampled: 08/16/21	
Sample Matrix: Soil								
.....continued								
Naphthalene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
n-Propylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Styrene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2,2-Tetrachloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Tetrachloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Toluene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trichlorobenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,1-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,1,2-Trichloroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichloroethene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,3-Trichloropropane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorofluoromethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Trichlorotrifluoroethane	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,2,4-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
1,3,5-Trimethylbenzene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
Vinyl Chloride	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
m,p-Xylenes	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
o-Xylene	<0.0050		mg/Kg	EPA 8260B	1.0	0.0050	08/17/21	JEN
[VOC Surrogates]								
Dibromofluoromethane	111		%REC	EPA 8260B		70-130	08/17/21	JEN
Toluene-D8	93		%REC	EPA 8260B		70-130	08/17/21	JEN
Bromofluorobenzene	84		%REC	EPA 8260B		70-130	08/17/21	JEN

Respectfully Submitted:

Ken Zheng

Ken Zheng - Lab Director



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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

As regulatory limits change frequently, A & R Laboratories advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.



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QUALITY CONTROL DATA REPORT

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

2108-00125

Date Reported 08/20/2021
 Date Received 08/16/2021
 Date Sampled 08/16/2021
 Invoice No. 92637
 Customer # H080
 Customer P.O. C3-8570

Project: SHARP-MURIETTA

Method # EPA 6010B

QC Reference # 98014 Date Analyzed: 8/18/2021 Technician: TLB

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Antimony	99	101	2.3	86	85	0.9
Arsenic	98	99	1.3	86	86	0.1
Barium	101	101	0.3	101	105	0.7
Beryllium	98	98	0.3	100	100	0.4
Cadmium	100	101	0.9	84	84	0.3
Chromium	99	100	0.9	63	66	2.2
Cobalt	99	100	0.7	82	82	0.2
Copper	102	104	1.3	103	105	1.0
Lead	100	100	0.8	77	77	0.4
Molybdenum	99	100	1.2	93	94	0.5
Nickel	99	99	0.4	82	82	0.2
Selenium	99	100	0.7	76	75	0.4
Silver	102	103	1.2	83	84	1.4
Thallium	101	102	0.9	83	87	4.5
Vanadium	100	102	1.3	97	100	1.0
Zinc	99	100	0.4	77	77	0.0

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

QC Reference # 98015 Date Analyzed: 8/18/2021 Technician: TLB

Samples 021 022 023 024 025

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Antimony	108	108	0.3	88	89	1.2
Arsenic	112	111	0.3	80	80	0.7
Barium	110	111	0.9	98	104	0.8
Beryllium	102	103	0.3	97	98	1.1
Cadmium	109	108	1.2	83	84	0.7
Chromium	104	104	0.3	83	84	0.5
Cobalt	108	107	1.2	79	80	0.6
Copper	120	121	0.4	104	105	0.8
Lead	107	106	0.5	73	73	0.9
Molybdenum	109	108	0.7	92	92	0.6
Nickel	108	106	1.4	78	79	0.4
Selenium	111	109	1.1	76	77	1.3
Silver	103	103	0.1	82	83	0.9
Thallium	114	116	1.7	78	77	0.5
Vanadium	113	114	0.5	95	99	1.0
Zinc	105	104	0.9	76	78	0.8

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

Method # EPA 7471A

QC Reference # 98044 Date Analyzed: 8/18/2021 Technician: KZ

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020



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QUALITY CONTROL DATA REPORT

HILLMANN GROUP
 RYAN TERWILLIGER

2108-00125

Date Reported 08/20/2021
 Date Received 08/16/2021
 Date Sampled 08/16/2021

Project: SHARP-MURIETTA

Method # EPA 7471A

QC Reference # 98044 Date Analyzed: 8/18/2021 Technician: KZ

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020

Results	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Mercury	91	88	3	85	91	6

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

QC Reference # 98045 Date Analyzed: 8/18/2021 Technician: KZ

Samples 021 022 023 024 025

Results	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Mercury	82	88	6	91	97	6

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

Method # EPA 8015M

QC Reference # 98049 Date Analyzed: 8/18/2021 Technician: JEN

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015

Results	LCS %REC	SPIKE %REC	SPIKE %DUP	SPIKE %RPD	BLKSRR%REC
C13-C22 o-Terphenyl (OTP)	109	106	103	3	104

Control Ranges		
LCS %REC	SPIKE %RPD	BLKSRR%REC
70 - 130	0 - 25	50 - 150

QC Reference # 98050 Date Analyzed: 8/18/2021 Technician: JEN

Samples 016 017 018 019 020 021 022 023 024 025

Results	LCS %REC
C13-C22	97

Control Ranges
LCS %REC
70 - 130

Method # EPA 8081A

QC Reference # 98046 Date Analyzed: 8/17/2021 Technician: JEN

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020

Results	LCS %REC
4,4'-DDT	70
Aldrin	102
Dieldrin	98
Endrin	70
gamma-BHC	81
Heptachlor	63

Control Ranges
LCS %REC
50 - 130
50 - 140
70 - 130
70 - 150
50 - 150
50 - 150

QC Reference # 98051 Date Analyzed: 8/17/2021 Technician: JEN

Samples 021 022 023 024 025



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QUALITY CONTROL DATA REPORT

HILLMANN GROUP
 RYAN TERWILLIGER

2108-00125

Date Reported 08/20/2021
 Date Received 08/16/2021
 Date Sampled 08/16/2021

Project: SHARP-MURIETTA

Method #	EPA 8081A																			
QC Reference #	98051										Date Analyzed:	8/17/2021		Technician:	JEN					
Samples	021	022	023	024	025															
Results	LCS %REC										Control Ranges					LCS %REC				
4,4'-DDT	60										50 - 130									
Aldrin	108										50 - 140									
Dieldrin	105										70 - 130									
Endrin	70										70 - 150									
gamma-BHC	90										50 - 150									
Heptachlor	72										50 - 150									

Method #	EPA 8081A/8082																													
QC Reference #	98046																				Date Analyzed:	8/17/2021		Technician:	JEN					
Samples	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020										
No QC recoveries reported.																														
QC Reference #	98051																				Date Analyzed:	8/17/2021		Technician:	JEN					
Samples	021	022	023	024	025																									
No QC recoveries reported.																														

Method #	EPA 8260B																										
QC Reference #	97998							Date Analyzed:	8/17/2021		Technician:	JEN															
Samples	001	002	003	004	005	006	007																				
Results	LCS %REC							SPIKE %REC		SPIKE %DUP		SPIKE %RPD		BLKSRR%R EC		Control Ranges			LCS %REC			SPIKE %RPD			BLKSRR%REC		
1,1-Dichloroethene	96							108		92		16				50 - 150			0 - 30								
Benzene	103							118		102		16				50 - 150			0 - 30								
Bromofluorobenzene														100		50 - 150			0 - 30			50 - 150					
Chlorobenzene	108							121		104		17				50 - 150			0 - 30								
Dibromofluoromethan														100		50 - 150			0 - 30			50 - 150					
Toluene	107							136		108		28				50 - 150			0 - 30								
Toluene-D8														99		50 - 150			0 - 30			50 - 150					
Trichloroethene	104							118		97		21				50 - 150			0 - 30								

Method #	EPA 8270C																												
QC Reference #	98027																				Date Analyzed:	8/17/2021		Technician:	JEN				
Samples	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025											
Results	LCS %REC							SPIKE %REC			BLKSRR%R EC										Control Ranges			LCS %REC			BLKSRR%REC		
1,1-Dichloroethene	82							96													50 - 150								
Benzene	91							108													50 - 150								
Bromofluorobenzene											99										50 - 150			50 - 150					
Chlorobenzene	96							110													50 - 150								
Dibromofluoromethan											103										50 - 150			50 - 150					
Toluene	93							109													50 - 150								
Toluene-D8											99										50 - 150			50 - 150					
Trichloroethene	89							105													50 - 150								

Method #	EPA 8270C																									
QC Reference #	98055																				Date Analyzed:	8/18/2021		Technician:	JEN	



A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
ELAP#s	2789 2790 2122

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QUALITY CONTROL DATA REPORT

2108-00125

HILLMANN GROUP
 RYAN TERWILLIGER

Date Reported 08/20/2021
 Date Received 08/16/2021
 Date Sampled 08/16/2021

Project: SHARP-MURIETTA

Method #	EPA 8270C									
QC Reference #	98055		Date Analyzed: 8/18/2021				Technician: JEN			
Samples	015									
Results	LCS %REC	LCS %DUP	LCS %RPD		Control Ranges		LCS %REC	LCS %RPD		
Acenaphthene	63	78	15		47 - 145		0 - 25			
Pyrene	63	75	12		30 - 140		0 - 25			

Method #	LUFT GC/MS													
QC Reference #	98031		Date Analyzed: 8/16/2021				Technician: JEN							
Samples	001 002 003 004 005 006 007													
Results	LCS %REC	LCS %DUP	LCS %RPD		Control Ranges		LCS %REC	LCS %RPD						
C4-C12	98	92	6		70 - 130		0 - 25							

QC Reference #	Date Analyzed: 8/17/2021														Technician: JEN	
Samples	008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 023 024 025															
Results	LCS %REC	LCS %DUP	LCS %RPD		Control Ranges		LCS %REC	LCS %RPD								
C4-C12	91	89	2		70 - 130		0 - 25									

No method blank results were above reporting limit

Respectfully Submitted:

Ken Zheng

Ken Zheng - President

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

AR LABORATORIES, Inc.

Chain of Custody Record

2108-125
AR Lab Job #

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Page 1 of 3

Project No:		Project Name:		Please Circle Analyses Requested										Turn-Around Time					
C3-8570		Sharp - Murietta		8015M: Diesel, Fuel Screen, Carbon Chain 8015M: Gas only 8021B: BTEX/MTBE Only 418.1 (TRPH), 413.2, 1664 VOLs GC or GCMS Volatiles by 5035* GCMS: 8260B, 8021B, 624, 524.2 GCMS: MTBE Conf. Only, BTEX/Oxygenates Only GCMS: 8270C, 625 808Q: Pesticides, PCBs, Pest/PCB Metals: Title 22 (CALM) pH, TDS, TSS, Conductivity Flashpoint, Hex Cr										<input type="checkbox"/> 24 Hr. RUSH* <input type="checkbox"/> 48 Hr. RUSH* <input checked="" type="checkbox"/> Normal TAT					
Project Manager:		Phone:		Address:												*Requires PRIOR approval, additional charges apply			
Stephen Bartlett		714-634-9500		1745 W. Orangewood Avenue, Suite 201 Orange, CA 92868												Requested due date: _____			
Client Name:		Address:												Remarks/Special Instructions					
(Report and Billing)		(Report and Billing)																	
Hillmann Consulting LLC		1745 W. Orangewood Avenue, Suite 201 Orange, CA 92868																	
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 (TRPH), 413.2, 1664	GC or GCMS Volatiles by 5035*	GCMS: 8260B, 8021B, 624, 524.2	GCMS: MTBE Conf. Only, BTEX/Oxygenates Only	GCMS: 8270C, 625	808Q: Pesticides, PCBs, Pest/PCB	Metals: Title 22 (CALM)	pH, TDS, TSS, Conductivity	Flashpoint, Hex Cr	
1	S-1-2.5'	8/16/21		Soil	Stockpile 1	(glass)	X				X				X	X			
2	S-2-2.0'						X				X				X	X			
3	S-3-3.0'						X				X				X	X			
4	S-4-2.0'						X				X				X	X			
5	S-5-2.5'						X				X				X	X			
6	S-6-2.0'						X				X				X	X			
7	S-7-2.5'						X				X				X	X			
8	S-8-2.0'						X				X				X	X			
9	S-9-3.0'						X				X				X	X			
10	S-10-2.5'						X				X				X	X			
1) Relinquished by: (Sampler's Signature)		Date:	Time:	3) Relinquished by:		Date:	Time:	To be completed by Laboratory personnel: 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										Sample Disposal <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.	

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Chain of Custody Record

AR Lab Job #

2108-125

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Page 2 of 3

Project No: C3-8570		Project Name: Sharp - Murietta					Please Circle Analyses Requested										Turn-Around Time <input type="checkbox"/> 24 Hr. RUSH* <input type="checkbox"/> 48 Hr. RUSH* <input checked="" type="checkbox"/> Normal TAT *Requires PRIOR approval, additional charges apply Requested due date: _____				
Project Manager: Stephen Bartlett		Phone: 714-634-9500		Fax:			Carbon Chain	Diesel, Fuel Screen,	Gas only	BTEX/MIBE Only	418.1 (TRPH), 413.2, 1664	GC or GCMS Volatiles by 5035*	GCMS: 8260B, 8021B, 624, 524.2	GCMS: MIBE Conf. Only, BTEX/Oxygenates Only	GCMS: 8270C, 625	Pesticides, PCBs, Pest/PCB			Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hex Cr
Client Name: (Report and Billing) Hillmann Consulting LLC		Address: (Report and Billing) 1745 W. Orangewood Avenue, Suite 201 Orange, CA 92868																		Remarks/Special Instructions	
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:	8015M:	8021B:	418.1 (TRPH), 413.2, 1664	GC or GCMS Volatiles by 5035*	GCMS: 8260B, 8021B, 624, 524.2	GCMS: MIBE Conf. Only, BTEX/Oxygenates Only	GCMS: 8270C, 625	8080:	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hex Cr			
11	S-11-2.0'	8/16/12		Soil	Stalk P.O.C 11	19/25	X				X				X	X					
12	S-12-2.0'						X				X				X	X					
13	S-13-3.0'						X				X				X	X					
14	S-14-2.5'						X				X				X	X					
15	S-15-2.0'						X				X				X	X					
16	S-16-2.5'						X				X				X	X					
17	S-17-2.0'						X				X				X	X					
18	S-18-2.5'						X				X				X	X					
19	S-19-3.0'						X				X				X	X					
20	S-20-2.5'						X				X				X	X					
1) Relinquished by: (Sampler's Signature) <i>[Signature]</i>		Date:	Time:	3) Relinquished by:		Date:	Time:	To be completed by Laboratory personnel: 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										Sample Disposal <input type="checkbox"/> Client will pick up <input type="checkbox"/> Return to client <input type="checkbox"/> Lab disposal			
2) Received by: <i>[Signature]</i>		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:												
						6) Received for Laboratory by: <i>[Signature]</i>		Date:	Time:												
Laboratory Notes:																			Sample Locator No.		

AR LABORATORIES, Inc.

Chain of Custody Record

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Project No:		Project Name:		Please Circle Analyses Requested												Turn-Around Time							
C3-8570		Sharp - Murietta		Carbon Chain	Diesel, Fuel Screen,	Gas only	BTEX/MBE Only	418.1 (TRPH), 413.2, 1664	VOLs	GC or GCMS Volatiles by 5035*	GCMS: 8260B, 8021B, 624, 524.2	GCMS: MIBE Conf. Only, BTEX/Oxygenates Only	GCMS: 8270C, 625	Pesticides PCBs, Pest/PCB	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hex Cr	<input type="checkbox"/> 24 Hr. RUSH* <input type="checkbox"/> 48 Hr. RUSH* <input checked="" type="checkbox"/> Normal TAT					
Project Manager: Stephen Bartlett		Phone: 714-634-9500																Address: 1745 W. Orangewood Avenue, Suite 201 Orange, CA 92868		*Requires PRIOR approval, additional charges apply		Requested due date: _____	
Client Name: Hillmann Consulting LLC		Address: (Report and Billing)																Site location		Containers: # and type		Remarks/Special Instructions	
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, Gas only	8015M: BTEX/MBE Only	418.1 (TRPH), 413.2, 1664	GC or GCMS Volatiles by 5035*	GCMS: 8260B, 8021B, 624, 524.2	GCMS: MIBE Conf. Only, BTEX/Oxygenates Only	GCMS: 8270C, 625	Pesticides PCBs, Pest/PCB	Metals: Title 22 (CAM), RCRA, PP	pH, TDS, TSS, Conductivity	Flashpoint, Hex Cr	Remarks/Special Instructions					
21	S-21 - 2.0'	8/16/05		Soil	Stockpile 21	1 9145	X																
22	S-22 - 2.5'				22		X																
23	S-23 - 2.0'				23		X																
24	S-24 - 2.5'				24		X																
25	S-25 - 3.0'				25		X																
1) Relinquished by: (Sampler's Signature)		Date:	Time:	3) Relinquished by:		Date:	Time:	To be completed by Laboratory personnel: 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										Sample Disposal <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.					



Sample Acceptance Checklist

CLIENT: Hillmann Consulting

WORK ORDER NUMBER: 2108-125

Temperature: (Criteria: 0.0°C-6.0°C)

Sample Temp. (w/CF) °C(w/CF) 3.0°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?	∅		
Were sampling dates & times present?	X		
Was a relinquished signature present?	X		
Were the tests required clearly indicated?	X		
Were all samples sealed in plastic bags?			∅
Did all bottle labels agree with COC? (ID, dates and times)	X		
Were correct containers used for the tests required?	∅		
Was a sufficient amount of samples sent for tests indicated?	∅		
Was there headspace in VOA vials?			X
Were the containers labeled with correct preservatives?			∅

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: [Signature]

Date: 8/16/21