Appendix H

Phase II Environmental Site Assessment

FREY ENVIRONMENTAL, INC.

Environmental Geologists, Engineers, Assessors

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December 21, 2023
Project #698-35

Trammel Crow Residential
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DRAFT

PHASE II ENVIRONMENTAL SITE ASSESSMENT
AND ADDITIONAL SOIL ASSESSMENT
855 BROTHERTON ROAD
ESCONDIDO, CALIFORNIA

Dear Mr. Noon,

This report, prepared by FREY Environmental, Inc. (FREY), documents and presents the results of a Phase II environmental site assessment (Phase II) and an additional soil assessment (ASA) for an undeveloped portion of land at 855 Brotherton Road in Escondido, California (Site) (Figure 1).

The Phase II ESA was conducted to address recognized environmental concerns described in FREY's October 5, 2022 Phase I report. The ASA was conducted to delineate the lateral and vertical extent of pesticide impacted soil detected during the Phase II ESA.

BACKGROUND

Based on aerial photographs reviewed by FREY that covered the time periods between 1939 and 1979, the Site was used for agriculture (groves). Agricultural land use is an environmental concern due to the potential application of arsenical pesticides and herbicides and organochloride pesticides (OCPs) to irrigated crops. Pesticides such as these are contaminants of concern (COCs) that accumulate in near surface soils. Near surface soils have been disturbed due to grading activities across a large portion of the Site, however, approximately 9 acres of the western, southern, and eastern portions of the Site remain undeveloped since the grove was removed. Near surface soils on this vacant portion of the Site may contain COCs due to former agricultural use (Figure 2) (FREY, 2022).

The California Department of Toxic Substance Control (DTSC) provides guidance for evaluating soil that is currently, or has been previously, used for agricultural activities where residual agricultural chemicals may pose a threat to human health and the environment (DTSC, 2008). The DTSC defines a pesticide as any substance used to kill crop pests, such as insects, rodents,

weeds, and fungi. They are inherently toxic and, when handled improperly, can have adverse effects on human health and the environment. Pesticides include herbicides, which focus on killing plant pests (weeds).

Pesticides and herbicides are typically evenly spread across the area of interest, according to standard agricultural practices. Therefore, to respond to this concern, the soil sampling focuses on soils within the upper two feet of the soil column, within the zone of tilling and disking of soil, to determine whether residual pesticides and herbicides are present at concentrations that exceed State health risk standards.

CONTAMINANTS OF CONCERN

Based on DTSC data from former agricultural properties, the only pesticide class requiring analyses at agricultural properties are organochlorine pesticides (OCPs), such as DDT, toxaphene, dieldrin, etc. OCPs are biopersistent and bioaccumulate in the environment. Most other classes of pesticides have relatively short half-lives and have not been found in the agricultural fields investigated.

Based on data from former agricultural properties, the only heavy metal required for routine analysis is arsenic. Arsenic in the form of arsenical herbicides has been applied to many agricultural properties, and elevated levels of arsenic have been reported in the evaluation of these properties.

OBJECTIVES

The objectives of the scope of work described below were to: 1) assess for the presence of arsenic and OCPs in shallow soil at the Site (Phase II ESA); and, 2) assess the lateral and vertical extent of arsenic and OCPs identified in shallow soil at the Site following the Phase II ESA.

SCOPE OF WORK

The following scope of work was conducted to meet the objectives of the investigation:

Phase II ESA

- Prepared a sampling grid pattern for the Site;
- Staked the sampling grid at the Site;
- Collected eighteen (18) near surface soil samples at depths of approximately 3 to 6-inches below ground surface (bgs);
- Recorded latitude and longitude coordinates for the soil sample locations;
- Submitted soil samples for laboratory analyses, and;
- Evaluated the data.

Additional Soil Sampling

- Prepared an additional sampling grid pattern for the Site;
- Surveyed and staked the additional sampling grid;
- Collected thirty-three (33) soil samples at depths of approximately 0.5 feet bgs;
- Collected thirty-three (33) soil samples at depths of approximately 1.5 feet bgs;
- Submitted soil samples for laboratory analyses; and,
- Evaluated data and prepared this report documenting and presenting the results of the Phase II ESA and the additional soil sampling.

A more detailed description of the field investigations and laboratory testing programs is provided below.

PHASE II ENVIRONMENTAL SITE ASSESSMENT

FIELD INVESTIGATION

FREY personnel visited the Site and collected soil samples on November 11, 2022. Soil samples were collected at a depth of approximately 0.5 feet bgs.

Sampling Frequency

The DTSC provides the recommended number of soil samples based on acreage. The potentially impacted area of the Site is approximately 9 acres. A 9-acre Site requires five (5) OCP composite samples and five (5) discrete arsenic samples from eighteen (18) discrete samples taken on approximately half-acre centers. Field duplicates should be collected at a rate of 10 percent, or a minimum of one (DTSC, 2008). Therefore, for this approximately 9-acre undeveloped portion of the Site, FREY collected 18 discrete soil samples and four (4) field duplicates. A map showing the approximate location of each sample is presented as Figure 2.

Sample Collection

Based on the extensive data DTSC has reviewed for agricultural properties, only surface samples were required for the screening assessment. Each location was sampled to include one surface sample (0 to 6 inches). Note that 0 inches means first encountered soil. Thick mats of vegetable material, roots, and other extraneous material were not sampled.

Each discrete sample was collected in a laboratory supplied sterile 8-ounce glass jar. Sample containers were labeled using a waterproof marker, and sample labels included the sampler's initials, location identification, and time. A chain-of-custody manifest was completed on-Site and accompanied the samples to the lab.

The GPS coordinates of the sample locations are presented in the table below:

Sample No.	Latitude	Longitude
A1	33.096052°	-117.083242°
A2	33.095974°	-117.082619°
A3	33.095585°	-117.082683°
A4	33.095720°	-117.083301°
B1	33.095463°	-117.083401°
B2	33.095384°	-117.082841°
B3	33.094993°	-117.083350°
C1	33.094660°	-117.082489°
C2	33.094552°	-117.083018°
C3	33.094467°	-117.082525°
C4	33.094376°	-117.081943°
D1	33.094607°	-117.081513°
D2	33.094544°	-117.081022°
D3	33.094290°	-117.081342°
E1	33.095474°	-117.080368°
E2	33.095128°	-117.080470°
E3	33.094640°	-117.080571°
E4	33.094165°	-117.080732°

Laboratory Analyses

Soil samples were composited by the laboratory. Discrete samples A1 through A4 were composited into sample A-Composite, samples B1 through B3 were composited into sample B-Composite, samples C1 through C4 were composited into sample C-Composite, samples D1 through D3 were composited into sample D-Composite and samples E1 through E4 were composited into sample E-Composite. A total of five (5) composite soil samples and one (1) duplicate composite soil sample were analyzed for OCPs by a State of California licensed hazardous waste laboratory in accordance with EPA Method No. 8081A. Five discrete soil samples, samples A1, B2, C1, D3, and E1, and one discrete duplicate soil sample were analyzed for arsenic by a State of California licensed hazardous waste laboratory in accordance with EPA Method No. 6010B.

Laboratory analyses were conducted by Eurofins Calscience, a State-certified, hazardous waste testing laboratory based in Tustin, California.

RESULTS OF THE PHASE II ENVIRONMENTAL SITE ASSESSMENT

Near Surface Soil Conditions

Near surface soils encountered during the collection of soil samples consisted either of tan, damp, consolidated coarse sand or brown, damp, silt from just below the ground surface to approximately 6 inches bgs. Discolorations and odors were not observed in soil samples.

Laboratory Results

- Three OCPs were detected above the laboratory detection limits in two of the six composite soil samples collected and analyzed. The analytes alpha-chlordane, gamma-chlordane, and dieldrin were detected in soil sample C-Composite at concentrations of 0.022 milligrams per kilograms (mg/kg), 0.012 mg/kg, and 0.069 mg/kg, respectively. Dieldrin was also detected in soil sample D-Composite at a concentration of 0.0064 mg/kg.

- Arsenic was detected above the laboratory detection limits in one of the six discrete soil samples collected and analyzed. Soil sample D3 contained arsenic at a concentration of 3.92 mg/kg.

A summary of soil sample laboratory results is presented in Table 1. The laboratory reports and laboratory quality assurance/quality control reports are included in Appendix A.

DISCUSSION OF SOIL SAMPLE RESULTS

OCPs and metals in soils are commonly compared with screening levels (SLs) set forth by the California Environmental Protection Agency's Department of Toxic Substances Control (DTSC) Human and Ecology Risk Office (HERO) in Human Health Risk Assessment (HHRA) Note 3 (DTSC, 2020). The SLs for residential soil are 0.034 mg/kg for dieldrin and 0.011 mg/kg for arsenic. The DTSC does not list a SL for alpha-Chlordane or gamma-Chlordane.

The concentration of 0.069 mg/kg dieldrin in soil sample C-Composite was detected above the dieldrin SL of 0.034 mg/kg for residential soils.

The detected concentration of arsenic was detected above the SL of 0.011 mg/kg for residential soils.

The USEPA and the DTSC have recognized that the SL for arsenic is commonly less than the concentrations which occur naturally in Southern California soils. The DTSC conducted an extensive study of naturally occurring arsenic concentrations in soils at school properties throughout Los Angeles County. The DTSC determined that arsenic occurs naturally at concentrations of up to about 12 mg/kg in Southern California soils (DTSC, 2008a).

Based on arsenic concentrations at the Site in comparison to the "Southern California Regional Background Arsenic Concentration in Soil", it is FREY's professional judgment that the arsenic levels in the soil samples collected are naturally occurring.

PHASE II ESA CONCLUSIONS AND RECOMMENDATIONS

Based on the soil samples collected and analyzed during this investigation, it was concluded that the area of the Site where the "C" soil samples were collected has limited and low concentrations of dieldrin from past agricultural use that exceed applicable SLs for residential settings. FREY recommended additional soil sampling across the entirety of the western portion of the Site on approximate half-acre centers to delineate the concentrations of dieldrin that exceed applicable SLs.

ADDITIONAL SOIL ASSESSMENT

FIELD INVESTIGATION

FREY personnel visited the Site and collected soil samples on August 18, 2023 at the locations shown on Figure 2. Soil samples were collected at depths of approximately 0.5 and 1.5 feet bgs.

Sample Collection

Based on the extensive data the DTSC has reviewed for agricultural properties, only surface samples were required for the screening assessment. However, each location was sampled to include one surface sample (0 to 0.5 feet bgs), and one deeper sample (1.5 feet bgs) to delineate the vertical extent of any pesticides detected. Note that 0 inches means first encountered soil. Thick mats of vegetable material, roots, and other extraneous material were not sampled.

Soil samples were collected on approximate half-acre centers across the Site at locations marked by a land surveyor prior to arrival. Each sample was collected in a laboratory-supplied, sterile, 8-ounce glass jar. Sample containers were labeled using a waterproof marker, and sample labels included the sampler's initials, location identification, and time. A chain-of-custody manifest was completed on-Site and accompanied the samples to the lab.

A survey report with the coordinates of the soil sample locations is presented in Appendix B.

Laboratory Analyses

A total of 33 surface soil samples and 3 duplicate surface soil samples collected at 0 to 0.5 feet bgs were analyzed for OCPs and arsenic. A total of 33 soil samples and 3 duplicate soil samples (collected at 1.5 feet bgs) were submitted and placed on hold pending the results of the surface

samples. One soil sample collected at 1.5 feet bgs was analyzed for OCPs and arsenic following receipt of the surface soil sample results. OCP and arsenic analyses were conducted in accordance with EPA Method Nos. 8081A and 6010B, respectively, by Jones Environmental, a State-certified, hazardous waste testing laboratory based in Santa Fe Springs, California.

RESULTS OF THE ADDITIONAL SOIL SAMPLING

Near Surface Soil Conditions

Soils encountered during the collection of soil samples consisted either of tan, dry, consolidated coarse sand or brown, dry, silt from just below the ground surface to approximately 1.5 feet bgs. Discoloration and odors were not observed in soil samples.

Laboratory Results

- Three OCPs were detected above the laboratory detection limits in 5 of the 33 surface soil samples collected and analyzed. The analytes alpha-chlordane, gamma-chlordane, and dieldrin were detected in soil samples E2-0.5 (designates a sample collected from 0 to 0.5 feet bgs at the location shown on Figure 2 within the "E2" square on the sampling grid), E5-0.5, E6-0.5, F2-0.5, and F3-0.5. Maximum concentrations of alpha-chlordane, gamma-chlordane, and dieldrin were detected in soil sample E6-0.5 at 0.0288 mg/kg, 0.0329 mg/kg, and 0.0399 mg/kg, respectively.

- Three OCPs were detected above the laboratory detection limits in soil sample E6-1.5. The analytes alpha-chlordane, gamma-chlordane, and dieldrin were at concentrations of 0.0104 mg/kg, 0.0137 mg/kg, and 0.0132 mg/kg, respectively,

- Arsenic was not detected above the laboratory detection limits in the soil samples collected and analyzed.

A summary of soil sample laboratory results is presented in Table 1. Detected dieldrin concentrations in soil samples are shown on Figure 2. The laboratory reports and laboratory quality assurance/quality control reports are included in Appendix A.

DISCUSSION OF SOIL SAMPLE RESULTS

The concentration of 0.0399 mg/kg dieldrin in soil sample E6-0.5 slightly exceeds the dieldrin SL of 0.034 mg/kg for residential soils.

Since dieldrin was detected above its SL in soil sample E6-0.5, soil sample E6-1.5, collected from 1.5 feet bgs in the same borehole as soil sample E6-0.5, was analyzed for OCPs and arsenic. Dieldrin was detected at a concentration of 0.0132 mg/kg, below its SL for residential soils.

The remainder of the soil samples with detected concentrations of dieldrin are below the applicable SLs for residential land use.

ADDITIONAL SOIL SAMPLING CONCLUSIONS AND RECOMMENDATIONS

Based on the soil samples collected and analyzed during this additional investigation, it is FREY's professional judgment that grid area E6 has limited and low concentrations of dieldrin from past agricultural use that slightly exceed its applicable SL for a residential setting. Dieldrin concentrations exceeding its SL do not extend to 1.5 feet bgs, and grid area E6 is the only area of the Site where dieldrin was detected above its applicable SL.

FREY recommends additional assessment inside the area of grid E6 shown on Figure 2 to further define the area of soils impacted by dieldrin. Once defined, excavation, removal, and off-Site disposal of the impacted soil within the area of grid E6 is recommended. The excavated soils should be profiled and disposed of at an appropriate disposal facility.

LIMITATIONS

The judgments described in this report are professional opinions based solely within the limits of the scope of work authorized and pertain to conditions judged to be present or applicable at the time the work was performed. Future conditions may differ from those described herein, and this report is not intended for future evaluations of this Site unless an update is conducted by a consultant familiar with environmental assessments.

This report was compiled partially from information supplied to FREY from outside sources, other information that is in the public domain and a visual inspection of the property. FREY makes no warranty as to the accuracy of statements made by others, which may be contained in this report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report, except that it has been prepared in accordance with the current accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing similar services.

Site conditions may change with time as the result of natural alterations or man-made changes on this or adjacent properties. Future environmental investigations conducted at the Site may reveal site conditions not indicated in the data reviewed by FREY. Additionally, changes in standards or regulations applicable to the Site may occur. The findings of this report may be partially or wholly invalidated by changes of which FREY is not aware or has not had the opportunity to evaluate.

Environmental assessments provide an additional source on information regarding the environmental conditions of a particular property or facility. The report to the Client is a professional opinion and judgment, dependent upon FREY's knowledge and information obtained during the course of performance of the services.

If you have any questions or comments regarding this report, please contact us at your convenience.

Sincerely,
FREY Environmental, Inc.

Joe Frey
Principal Certified
Engineering Geologist
CEG #1500

Mollie Banh
Project Engineer

Eli Appelgate
Staff Geologist
GIT #1549

Ed Rands
Senior Project Engineer
P.E. #58183

Attachments:

Table 1	Soil Sample Laboratory Analyses Results
Figure 1	Site Location Map
Figure 2	Site Sketch Showing Pesticide and Arsenic Sample and Soil Boring Locations and Dieldrin Concentrations in Shallow Soil
Appendix A	Laboratory Report
Appendix B	Survey Report

References:

DTSC (Department of Toxic Substances Control California Environmental Protection Agency), 2008, Interim Guidance for Sampling Agricultural Properties (Third Revision) dated August 7, 2008.

DTSC, 2008a, Determination of a Southern California Regional Background Arsenic Concentration in Soil.

DTSC, 2020, DTSC, Human and Ecology Risk Office (HERO), Human Health Risk Assessment (HHRA) Note Number 3 – DTSC-modified Screening Levels (DTSC-SLs), updated June, 2020.

FREY (FREY Environmental, Inc.), 2022, Phase I Environmental Site Assessment Report dated October 5, 2022.

TABLE

TABLE 1
SOIL SAMPLE LABORATORY ANALYSES RESULTS
855 BROTHERTON ROAD
ESCONDIDO, CALIFORNIA

(Laboratory results in milligrams per kilogram - mg/kg)

Sample Number	Depth (feet-bgs)	Date Sampled	Arsenic [1]	4,4'-DDE [2]	4,4'-DDT [2]	alpha-Chloridane [2]	gamma-Chloridane [2]	Dieldrin [2]
A-Composite	0.5	11/11/2022	--	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
B-Composite	0.5	11/11/2022	--	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
B-Composite DUP	0.5	11/11/2022	--	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
C-Composite	0.5	11/11/2022	--	ND<0.0050	ND<0.0050	0.022	0.012	**0.069**
D-Composite	0.5	11/11/2022	--	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.0064
E-Composite	0.5	11/11/2022	--	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
A1	0.5	11/11/2022	ND<3.02	--	--	--	--	--
B2	0.5	11/11/2022	ND<3.05	--	--	--	--	--
C1	0.5	11/11/2022	ND<3.03	--	--	--	--	--
D3	0.5	11/11/2022	3.92	--	--	--	--	--
E1	0.5	11/11/2022	ND<2.94	--	--	--	--	--
E1-DUP	0.5	11/11/2022	ND<3.06	--	--	--	--	--
A1-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
A2-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
A2-0.5 DUP	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
A3-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
A4-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
A5-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
A6-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
B1-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
B2-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
B3-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
B4-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
B5-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
B6-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
C1-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
C2-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
C2-0.5 DUP	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
C3-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
C4-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
C5-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
C6-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
D1-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
D2-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
D3-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
D4-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
D5-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
D6-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
E1-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
E2-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	0.0133	0.0108
E3-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
E4-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
E4-0.5 DUP	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
E5-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	0.0206	0.0227	0.0224
E6-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	0.0288	0.0329	**0.0399**
E6-1.5	1.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	0.0104	0.0137	0.0132
F1-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
F2-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	0.0202	0.0209	0.0289
F3-0.5	0.5	08/18/2023	ND<5.0	ND<0.010	ND<0.010	0.0220	0.0257	0.0152
DTSC HERO #3 Screening Level for Residential Soil			**0.11**	**2.0**	**1.9**			**0.034**
DTSC Upper Limit Naturally Occurring Arsenic Concentration in Soil			**12**					

NOTES:
[1] Arsenic analyzed in accordance with EPA Method No. 6010B.
[2] Organochlorine pesticides analyzed in accordance with EPA Method No. 8081A.
feet-bgs = Feet below the ground surface
ND<5.0 = Non detect at or above the given laboratory detection limit.
DTSC HERO #3 Screening Level for Residential Soil updated June 2020.
DTSC Determination of a Southern California Regional Background Arsenic Concentration in Soil, dated 2008.
Bold=Exceeds DTSC HERO Note #3 Screening Level

FIGURES

NOTE:

1. Base map from USGS 7.5 minute Escondido (dated 2018) California topographic quadrangle

0 1/2 1

APPROXIMATE SCALE IN MILES

SITE LOCATION MAP

855 BROTHERTON ROAD
ESCONDIDO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.: 698-35	DATE: 10/2022
FILE NAME: 698-35-SL.DWG	**FIGURE 1**	

LEGEND

- A1 — ARSENIC AND PESTICIDE SAMPLE LOCATION (FREY, 2022)
- A2 — PESTICIDE SAMPLE LOCATION (FREY, 2022)
- SOIL BORING LOCATION (FREY, 2023)
- ESTIMATED AREA OF DIELDRIN IMPACTED SOILS

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 100 200

APPROXIMATE SCALE IN FEET

SITE VICINITY SKETCH SHOWING PESTICIDE AND ARSENIC SAMPLE AND SOIL BORING LOCATIONS AND DIELDRIN CONCENTRATIONS IN SHALLOW SOIL

855 BROTHERTON ROAD
ESCONDIDO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
Escondido Apartments Owner, LLC	698-35	09/2023
FILE NAME: 698-35_Figure_EA	**FIGURE 2**	

APPENDIX A

LABORATORY REPORTS

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

28 August 2023

Eli Applegate
Frey Environmental, Inc.
2817-A Lafayette Ave.
Newport Beach, CA 92663

Re: 855 Brotherton Road

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Colby Wakeman
Lab Director

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A1-0.5	J232380-001	Soil	08/17/2023 06:30	08/18/2023 11:58
A2-0.5	J232380-003	Soil	08/17/2023 06:40	08/18/2023 11:58
A2-0.5 DUP	J232380-004	Soil	08/17/2023 06:40	08/18/2023 11:58
A3-0.5	J232380-006	Soil	08/17/2023 06:50	08/18/2023 11:58
A4-0.5	J232380-008	Soil	08/17/2023 07:00	08/18/2023 11:58
A5-0.5	J232380-010	Soil	08/17/2023 07:10	08/18/2023 11:58
A6-0.5	J232380-012	Soil	08/17/2023 07:20	08/18/2023 11:58
B1-0.5	J232380-014	Soil	08/17/2023 07:30	08/18/2023 11:58
B2-0.5	J232380-016	Soil	08/17/2023 07:40	08/18/2023 11:58
B3-0.5	J232380-018	Soil	08/17/2023 07:50	08/18/2023 11:58
B4-0.5	J232380-021	Soil	08/17/2023 08:00	08/18/2023 11:58
B5-0.5	J232380-023	Soil	08/17/2023 08:10	08/18/2023 11:58
B6-0.5	J232380-025	Soil	08/17/2023 08:20	08/18/2023 11:58
C1-0.5	J232380-027	Soil	08/17/2023 08:30	08/18/2023 11:58
C2-0.5	J232380-029	Soil	08/17/2023 08:40	08/18/2023 11:58
C2-0.5 DUP	J232380-030	Soil	08/17/2023 08:40	08/18/2023 11:58
C3-0.5	J232380-032	Soil	08/17/2023 08:50	08/18/2023 11:58
C4-0.5	J232380-034	Soil	08/17/2023 09:00	08/18/2023 11:58
C5-0.5	J232380-036	Soil	08/17/2023 09:10	08/18/2023 11:58
C6-0.5	J232380-038	Soil	08/17/2023 09:20	08/18/2023 11:58
D1-0.5	J232380-040	Soil	08/17/2023 09:30	08/18/2023 11:58
D2-0.5	J232380-043	Soil	08/17/2023 09:40	08/18/2023 11:58
D3-0.5	J232380-045	Soil	08/17/2023 09:50	08/18/2023 11:58
D4-0.5	J232380-047	Soil	08/17/2023 10:00	08/18/2023 11:58
D5-0.5	J232380-049	Soil	08/17/2023 10:10	08/18/2023 11:58
D6-0.5	J232380-051	Soil	08/17/2023 10:20	08/18/2023 11:58
E1-0.5	J232380-053	Soil	08/17/2023 10:30	08/18/2023 11:58
E2-0.5	J232380-055	Soil	08/17/2023 10:40	08/18/2023 11:58
E3-0.5	J232380-057	Soil	08/17/2023 10:45	08/18/2023 11:58

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc. 2817-A Lafayette Ave. Newport Beach, CA 92663	Project: 855 Brotherton Road Project Number: 698-35 Project Manager: Eli Applegate	Reported 08/28/23 14:29

E4-0.5	J232380-059	Soil	08/17/2023 10:50	08/18/2023 11:58
E4-0.5 DUP	J232380-060	Soil	08/17/2023 10:50	08/18/2023 11:58
E5-0.5	J232380-062	Soil	08/17/2023 11:00	08/18/2023 11:58
E6-0.5	J232380-065	Soil	08/17/2023 11:10	08/18/2023 11:58
F1-0.5	J232380-067	Soil	08/17/2023 11:20	08/18/2023 11:58
F20.5	J232380-069	Soil	08/17/2023 11:30	08/18/2023 11:58
F3-0.5	J232380-071	Soil	08/17/2023 11:40	08/18/2023 11:58

Jones Environmental, Inc.

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714-449-9937 PHONE
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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

DETECTIONS SUMMARY

Sample ID: A1-0.5 **Laboratory ID:** J232380-001

No Results Detected

Sample ID: A2-0.5 **Laboratory ID:** J232380-003

No Results Detected

Sample ID: A2-0.5 DUP **Laboratory ID:** J232380-004

No Results Detected

Sample ID: A3-0.5 **Laboratory ID:** J232380-006

No Results Detected

Sample ID: A4-0.5 **Laboratory ID:** J232380-008

No Results Detected

Sample ID: A5-0.5 **Laboratory ID:** J232380-010

No Results Detected

Sample ID: A6-0.5 **Laboratory ID:** J232380-012

No Results Detected

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

DETECTIONS SUMMARY

Sample ID: B1-0.5 **Laboratory ID:** J232380-014

No Results Detected

Sample ID: B2-0.5 **Laboratory ID:** J232380-016

No Results Detected

Sample ID: B3-0.5 **Laboratory ID:** J232380-018

No Results Detected

Sample ID: B4-0.5 **Laboratory ID:** J232380-021

No Results Detected

Sample ID: B5-0.5 **Laboratory ID:** J232380-023

No Results Detected

Sample ID: B6-0.5 **Laboratory ID:** J232380-025

No Results Detected

Sample ID: C1-0.5 **Laboratory ID:** J232380-027

No Results Detected

Jones Environmental, Inc.

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

DETECTIONS SUMMARY

Sample ID: C2-0.5 **Laboratory ID:** J232380-029

No Results Detected

Sample ID: C2-0.5 DUP **Laboratory ID:** J232380-030

No Results Detected

Sample ID: C3-0.5 **Laboratory ID:** J232380-032

No Results Detected

Sample ID: C4-0.5 **Laboratory ID:** J232380-034

No Results Detected

Sample ID: C5-0.5 **Laboratory ID:** J232380-036

No Results Detected

Sample ID: C6-0.5 **Laboratory ID:** J232380-038

No Results Detected

Sample ID: D1-0.5 **Laboratory ID:** J232380-040

No Results Detected

Jones Environmental, Inc.

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

DETECTIONS SUMMARY

Sample ID: D2-0.5 **Laboratory ID:** J232380-043

No Results Detected

Sample ID: D3-0.5 **Laboratory ID:** J232380-045

No Results Detected

Sample ID: D4-0.5 **Laboratory ID:** J232380-047

No Results Detected

Sample ID: D5-0.5 **Laboratory ID:** J232380-049

No Results Detected

Sample ID: D6-0.5 **Laboratory ID:** J232380-051

No Results Detected

Sample ID: E1-0.5 **Laboratory ID:** J232380-053

No Results Detected

Sample ID: E2-0.5 **Laboratory ID:** J232380-055

Analyte	Result	Reporting Limit	Units	Method	Notes
gamma-Chlordane	13.3	10.0	µg/kg	EPA 8081	
Dieldrin	10.8	10.0	µg/kg	EPA 8081	

Jones Environmental, Inc.

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

DETECTIONS SUMMARY

Sample ID: E3-0.5 **Laboratory ID:** J232380-057

No Results Detected

Sample ID: E4-0.5 **Laboratory ID:** J232380-059

No Results Detected

Sample ID: E4-0.5 DUP **Laboratory ID:** J232380-060

No Results Detected

Sample ID: E5-0.5 **Laboratory ID:** J232380-062

Analyte	Result	Reporting Limit	Units	Method	Notes
gamma-Chlordane	22.7	10.0	µg/kg	EPA 8081	
alpha-Chlordane	20.6	10.0	µg/kg	EPA 8081	
Dieldrin	22.4	10.0	µg/kg	EPA 8081	

Sample ID: E6-0.5 **Laboratory ID:** J232380-065

Analyte	Result	Reporting Limit	Units	Method	Notes
gamma-Chlordane	32.9	10.0	µg/kg	EPA 8081	
alpha-Chlordane	28.8	10.0	µg/kg	EPA 8081	
Dieldrin	39.9	10.0	µg/kg	EPA 8081	

Sample ID: F1-0.5 **Laboratory ID:** J232380-067

No Results Detected

Jones Environmental, Inc.

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

DETECTIONS SUMMARY

Sample ID: F20.5 **Laboratory ID:** J232380-069

Analyte	Result	Reporting Limit	Units	Method	Notes
gamma-Chlordane	20.9	10.0	µg/kg	EPA 8081	
alpha-Chlordane	20.2	10.0	µg/kg	EPA 8081	
Dieldrin	28.9	10.0	µg/kg	EPA 8081	

Sample ID: F3-0.5 **Laboratory ID:** J232380-071

Analyte	Result	Reporting Limit	Units	Method	Notes
gamma-Chlordane	25.7	10.0	µg/kg	EPA 8081	
alpha-Chlordane	22.0	10.0	µg/kg	EPA 8081	
Dieldrin	15.2	10.0	µg/kg	EPA 8081	

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

A1-0.5
J232380-001(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*69.04 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*63.23 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

A2-0.5
J232380-003(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*64.40 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*58.27 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

A2-0.5 DUP
J232380-004(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*66.30 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*55.89 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

A3-0.5
J232380-006(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*65.53 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*56.66 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

A4-0.5
J232380-008(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*54.05 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*47.02 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

A5-0.5
J232380-010(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*77.01 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*68.33 %*	*30 - 120*

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Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

A6-0.5
J232380-012(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*76.95 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*67.77 %*	*30 - 120*

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
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Frey Environmental, Inc. 2817-A Lafayette Ave. Newport Beach, CA 92663	Project: 855 Brotherton Road Project Number: 698-35 Project Manager: Eli Applegate	Reported 08/28/23 14:29

B1-0.5
J232380-014(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*66.59 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*59.79 %*	*30 - 120*

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Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

B2-0.5
J232380-016(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*39.00 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*60.00 %*	*30 - 120*

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Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

B3-0.5
J232380-018(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*62.93 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*63.09 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

B4-0.5
J232380-021(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*51.68 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*52.55 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc. 2817-A Lafayette Ave. Newport Beach, CA 92663	Project: 855 Brotherton Road Project Number: 698-35 Project Manager: Eli Applegate	Reported 08/28/23 14:29

B5-0.5
J232380-023(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*56.05 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*58.54 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc. 2817-A Lafayette Ave. Newport Beach, CA 92663	Project: 855 Brotherton Road Project Number: 698-35 Project Manager: Eli Applegate	Reported 08/28/23 14:29

B6-0.5
J232380-025(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*79.36 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*67.89 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

C1-0.5
J232380-027(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*64.49 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*56.96 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

C2-0.5
J232380-029(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*55.79 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*54.19 %*	*30 - 120*

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Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

C2-0.5 DUP
J232380-030(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*52.01 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*52.27 %*	*30 - 120*

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

C3-0.5
J232380-032(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*41.42 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*65.23 %*	*30 - 120*

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Lab Director

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Frey Environmental, Inc. 2817-A Lafayette Ave. Newport Beach, CA 92663	Project: 855 Brotherton Road Project Number: 698-35 Project Manager: Eli Applegate	Reported 08/28/23 14:29

C4-0.5
J232380-034(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*55.26 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*74.95 %*	*30 - 120*

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Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

C5-0.5
J232380-036(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*82.07 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*65.02 %*	*30 - 120*

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Lab Director

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

C6-0.5
J232380-038(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308360		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308410		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*86.08 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*67.42 %*	*30 - 120*

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Colby Wakeman
Lab Director

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SANTA FE SPRINGS, CA 90670
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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

D1-0.5
J232380-040(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*73.03 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*70.76 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Frey Environmental, Inc. 2817-A Lafayette Ave. Newport Beach, CA 92663	Project: 855 Brotherton Road Project Number: 698-35 Project Manager: Eli Applegate	Reported 08/28/23 14:29

D2-0.5
J232380-043(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*58.45 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*64.07 %*	*30 - 120*

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Lab Director

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Frey Environmental, Inc. 2817-A Lafayette Ave. Newport Beach, CA 92663	Project: 855 Brotherton Road Project Number: 698-35 Project Manager: Eli Applegate	Reported 08/28/23 14:29

D3-0.5
J232380-045(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*87.54 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*73.10 %*	*30 - 120*

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Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

D4-0.5
J232380-047(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*95.48 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*77.86 %*	*30 - 120*

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

D5-0.5
J232380-049(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*83.56 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*75.28 %*	*30 - 120*

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

D6-0.5
J232380-051(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*84.78 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*84.02 %*	*30 - 120*

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

E1-0.5
J232380-053(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*74.46 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*66.39 %*	*30 - 120*

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

E2-0.5
J232380-055(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	13.3	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	10.8	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*70.64 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*68.14 %*	*30 - 120*

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

E3-0.5
J232380-057(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308412		08/23/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*42.11 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*65.98 %*	*30 - 120*

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

E4-0.5
J232380-059(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*63.49 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*70.79 %*	*30 - 120*

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Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

E4-0.5 DUP
J232380-060(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*67.60 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*67.29 %*	*30 - 120*

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Frey Environmental, Inc. 2817-A Lafayette Ave. Newport Beach, CA 92663	Project: 855 Brotherton Road Project Number: 698-35 Project Manager: Eli Applegate	Reported 08/28/23 14:29

E5-0.5
J232380-062(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	22.7	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	20.6	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	22.4	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*73.43 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*67.51 %*	*30 - 120*

Jones Environmental, Inc.

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

E6-0.5
J232380-065(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	32.9	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	28.8	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	39.9	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*77.42 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*84.04 %*	*30 - 120*

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

F1-0.5
J232380-067(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	ND	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	ND	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	ND	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*53.72 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*42.56 %*	*30 - 120*

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

F20.5
J232380-069(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	20.9	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	20.2	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	28.9	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*65.03 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*65.15 %*	*30 - 120*

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F3-0.5
J232380-071(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308361		08/22/23	EPA 6010	
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308411		08/22/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	25.7	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	22.0	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	15.2	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*67.44 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*65.50 %*	*30 - 120*

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Arsenic, As by EPA 6010 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308360 - EPA 6010										
CCV 1										
Arsenic, As	1.0	5.0	%	1		100	90 - 110		110	
LCS 1										
Arsenic, As	209	5.0	%	200		105	80 - 120			
LCSD 1										
Arsenic, As	205	5.0	%	200		102	80 - 120	2.13	120	
Method Blank 1										
Arsenic, As	ND	5.0	mg/kg							

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Arsenic, As by EPA 6010 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308361 - EPA 6010										
CCV 1										
Arsenic, As	1.0	5.0	%	1		101	90 - 110		110	
LCS 1										
Arsenic, As	198	5.0	%	200		99	80 - 120			
LCSD 1										
Arsenic, As	197	5.0	%	200		99	80 - 120	0.41	120	
Method Blank 1										
Arsenic, As	ND	5.0	mg/kg							

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308410 - EPA 8081										
CCV 1										
alpha-BHC	56.9	10.0	%	50		114	80 - 120		120	
Heptachlor	56.2	10.0	%	50		112	80 - 120		120	
Aldrin	55.8	10.0	%	50		112	80 - 120		120	
Heptachlor epoxide	55.0	10.0	%	50		110	80 - 120		120	
gamma-Chlordane	51.6	10.0	%	50		103	80 - 120		120	
Endosulfan I	55.4	10.0	%	50		111	80 - 120		120	
4,4'-DDE	105	10.0	%	100		105	80 - 120		120	
Dieldrin	108	10.0	%	100		108	80 - 120		120	
Endrin	116	10.0	%	100		116	80 - 120		120	
4,4'-DDD	99.8	10.0	%	100		100	80 - 120		120	
Endosulfan II	112	10.0	%	100		112	80 - 120		120	
4,4'-DDT	97.2	10.0	%	100		97	80 - 120		120	
Endrin ketone	102	10.0	%	100		102	80 - 120		120	
LCS 1										
alpha-BHC	114	10.0	%	100		114	60 - 140			
Heptachlor	111	10.0	%	100		111	60 - 140			
Aldrin	117	10.0	%	100		117	60 - 140			
Heptachlor epoxide	99.7	10.0	%	100		100	60 - 140			
gamma-Chlordane	109	10.0	%	100		109	60 - 140			
Endosulfan I	110	10.0	%	100		110	60 - 140			
4,4'-DDE	110	10.0	%	100		110	60 - 140			
Dieldrin	121	10.0	%	100		121	60 - 140			
Endrin	118	10.0	%	100		118	60 - 140			
4,4'-DDD	115	10.0	%	100		115	60 - 140			
Endosulfan II	120	10.0	%	100		120	60 - 140			
4,4'-DDT	102	10.0	%	100		102	60 - 140			
Endrin ketone	116	10.0	%	100		116	60 - 140			
Surrogate: TCMX		*110.47 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*92.95 %*	*30 - 120*							

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308410 - EPA 8081										
LCSD 1										
alpha-BHC	116	10.0	%	100		116	60 - 140	1.87	140	
Heptachlor	113	10.0	%	100		113	60 - 140	1.11	140	
Aldrin	117	10.0	%	100		117	60 - 140	0.27	140	
Heptachlor epoxide	119	10.0	%	100		119	60 - 140	17.56	140	
gamma-Chlordane	111	10.0	%	100		111	60 - 140	1.71	140	
Endosulfan I	112	10.0	%	100		112	60 - 140	1.57	140	
4,4'-DDE	112	10.0	%	100		112	60 - 140	1.84	140	
Dieldrin	123	10.0	%	100		123	60 - 140	2.12	140	
Endrin	120	10.0	%	100		120	60 - 140	1.52	140	
4,4'-DDD	120	10.0	%	100		120	60 - 140	4.65	140	
Endosulfan II	124	10.0	%	100		124	60 - 140	3.22	140	
4,4'-DDT	106	10.0	%	100		106	60 - 140	3.32	140	
Endrin ketone	119	10.0	%	100		119	60 - 140	2.17	140	
Surrogate: TCMX		*109.62 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*92.22 %*	*30 - 120*							
Method Blank 1										
alpha-BHC	ND	10.0	µg/kg							
beta-BHC	ND	10.0	µg/kg							
gamma-BHC (Lindane)	ND	10.0	µg/kg							
Heptachlor	ND	10.0	µg/kg							
delta-BHC	ND	10.0	µg/kg							
Aldrin	ND	10.0	µg/kg							
Heptachlor epoxide	ND	10.0	µg/kg							
gamma-Chlordane	ND	10.0	µg/kg							
alpha-Chlordane	ND	10.0	µg/kg							
Endosulfan I	ND	10.0	µg/kg							
4,4'-DDE	ND	10.0	µg/kg							
Dieldrin	ND	10.0	µg/kg							
Endrin	ND	10.0	µg/kg							
4,4'-DDD	ND	10.0	µg/kg							
Endosulfan II	ND	10.0	µg/kg							
4,4'-DDT	ND	10.0	µg/kg							
Endrin aldehyde	ND	10.0	µg/kg							
Endosulfan sulfate	ND	10.0	µg/kg							

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308410 - EPA 8081										
Method Blank 1										
Methoxychlor	ND	20.0	µg/kg							
Endrin ketone	ND	10.0	µg/kg							
Toxaphene	ND	20.0	µg/kg							
Technical Chlordane	ND	10.0	µg/kg							
gamma BHC	ND	10.0	µg/kg							
Surrogate: TCMX		*108.64 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*91.07 %*	*30 - 120*							

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2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308411 - EPA 8081										
CCV 1										
alpha-BHC	54.9	10.0	%	50		110	80 - 120		120	
Heptachlor	55.2	10.0	%	50		110	80 - 120		120	
Aldrin	55.9	10.0	%	50		112	80 - 120		120	
Heptachlor epoxide	54.2	10.0	%	50		108	80 - 120		120	
gamma-Chlordane	51.4	10.0	%	50		103	80 - 120		120	
Endosulfan I	55.5	10.0	%	50		111	80 - 120		120	
4,4'-DDE	106	10.0	%	100		106	80 - 120		120	
Dieldrin	108	10.0	%	100		108	80 - 120		120	
Endrin	118	10.0	%	100		118	80 - 120		120	
4,4'-DDD	101	10.0	%	100		101	80 - 120		120	
Endosulfan II	112	10.0	%	100		112	80 - 120		120	
4,4'-DDT	99.0	10.0	%	100		99	80 - 120		120	
Endrin ketone	102	10.0	%	100		102	80 - 120		120	
LCS 1										
alpha-BHC	116	10.0	%	100		116	60 - 140			
Heptachlor	112	10.0	%	100		112	60 - 140			
Aldrin	116	10.0	%	100		116	60 - 140			
Heptachlor epoxide	118	10.0	%	100		118	60 - 140			
gamma-Chlordane	109	10.0	%	100		109	60 - 140			
Endosulfan I	110	10.0	%	100		110	60 - 140			
4,4'-DDE	110	10.0	%	100		110	60 - 140			
Dieldrin	121	10.0	%	100		121	60 - 140			
Endrin	119	10.0	%	100		119	60 - 140			
4,4'-DDD	116	10.0	%	100		116	60 - 140			
Endosulfan II	119	10.0	%	100		119	60 - 140			
4,4'-DDT	103	10.0	%	100		103	60 - 140			
Endrin ketone	116	10.0	%	100		116	60 - 140			
Surrogate: TCMX		*114.56 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*97.40 %*	*30 - 120*							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308411 - EPA 8081										
LCSD 1										
alpha-BHC	110	10.0	%	100		110	60 - 140	5.57	140	
Heptachlor	106	10.0	%	100		106	60 - 140	5.69	140	
Aldrin	115	10.0	%	100		115	60 - 140	0.82	140	
Heptachlor epoxide	118	10.0	%	100		118	60 - 140	0.02	140	
gamma-Chlordane	110	10.0	%	100		110	60 - 140	0.72	140	
Endosulfan I	111	10.0	%	100		111	60 - 140	0.57	140	
4,4'-DDE	111	10.0	%	100		111	60 - 140	1.05	140	
Dieldrin	122	10.0	%	100		122	60 - 140	0.79	140	
Endrin	119	10.0	%	100		119	60 - 140	0.51	140	
4,4'-DDD	119	10.0	%	100		119	60 - 140	2.40	140	
Endosulfan II	123	10.0	%	100		123	60 - 140	2.87	140	
4,4'-DDT	106	10.0	%	100		106	60 - 140	2.60	140	
Endrin ketone	118	10.0	%	100		118	60 - 140	1.83	140	
Surrogate: TCMX		*104.46 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*93.69 %*	*30 - 120*							
Method Blank 1										
alpha-BHC	ND	10.0	µg/kg							
beta-BHC	ND	10.0	µg/kg							
gamma-BHC (Lindane)	ND	10.0	µg/kg							
Heptachlor	ND	10.0	µg/kg							
delta-BHC	ND	10.0	µg/kg							
Aldrin	ND	10.0	µg/kg							
Heptachlor epoxide	ND	10.0	µg/kg							
gamma-Chlordane	ND	10.0	µg/kg							
alpha-Chlordane	ND	10.0	µg/kg							
Endosulfan I	ND	10.0	µg/kg							
4,4'-DDE	ND	10.0	µg/kg							
Dieldrin	ND	10.0	µg/kg							
Endrin	ND	10.0	µg/kg							
4,4'-DDD	ND	10.0	µg/kg							
Endosulfan II	ND	10.0	µg/kg							
4,4'-DDT	ND	10.0	µg/kg							
Endrin aldehyde	ND	10.0	µg/kg							
Endosulfan sulfate	ND	10.0	µg/kg							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308411 - EPA 8081										
Method Blank 1										
Methoxychlor	ND	20.0	µg/kg							
Endrin ketone	ND	10.0	µg/kg							
Toxaphene	ND	20.0	µg/kg							
Technical Chlordane	ND	10.0	µg/kg							
gamma BHC	ND	10.0	µg/kg							
Surrogate: TCMX		*108.31 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*93.76 %*	*30 - 120*							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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SANTA FE SPRINGS, CA 90670
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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308412 - EPA 8081										
CCV 1										
alpha-BHC	55.0	10.0	%	50		110	80 - 120		120	
Heptachlor	55.6	10.0	%	50		111	80 - 120		120	
Aldrin	53.6	10.0	%	50		107	80 - 120		120	
Heptachlor epoxide	50.8	10.0	%	50		102	80 - 120		120	
gamma-Chlordane	48.1	10.0	%	50		96	80 - 120		120	
Endosulfan I	51.8	10.0	%	50		104	80 - 120		120	
4,4'-DDE	98.2	10.0	%	100		98	80 - 120		120	
Dieldrin	102	10.0	%	100		102	80 - 120		120	
Endrin	117	10.0	%	100		117	80 - 120		120	
4,4'-DDD	92.4	10.0	%	100		92	80 - 120		120	
Endosulfan II	103	10.0	%	100		103	80 - 120		120	
4,4'-DDT	89.0	10.0	%	100		89	80 - 120		120	
Endrin ketone	89.6	10.0	%	100		90	80 - 120		120	
LCS 1										
alpha-BHC	110	10.0	%	100		110	60 - 140			
Heptachlor	109	10.0	%	100		109	60 - 140			
Aldrin	109	10.0	%	100		109	60 - 140			
Heptachlor epoxide	113	10.0	%	100		113	60 - 140			
gamma-Chlordane	107	10.0	%	100		107	60 - 140			
Endosulfan I	109	10.0	%	100		109	60 - 140			
4,4'-DDE	106	10.0	%	100		106	60 - 140			
Dieldrin	118	10.0	%	100		118	60 - 140			
Endrin	125	10.0	%	100		125	60 - 140			
4,4'-DDD	114	10.0	%	100		114	60 - 140			
Endosulfan II	117	10.0	%	100		117	60 - 140			
4,4'-DDT	99.6	10.0	%	100		100	60 - 140			
Endrin ketone	106	10.0	%	100		106	60 - 140			
Surrogate: TCMX		*107.79 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*82.40 %*	*30 - 120*							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308412 - EPA 8081										
LCSD 1										
alpha-BHC	110	10.0	%	100		110	60 - 140	0.21	140	
Heptachlor	110	10.0	%	100		110	60 - 140	0.93	140	
Aldrin	116	10.0	%	100		116	60 - 140	5.86	140	
Heptachlor epoxide	119	10.0	%	100		119	60 - 140	5.22	140	
gamma-Chlordane	112	10.0	%	100		112	60 - 140	5.27	140	
Endosulfan I	114	10.0	%	100		114	60 - 140	4.83	140	
4,4'-DDE	112	10.0	%	100		112	60 - 140	5.59	140	
Dieldrin	124	10.0	%	100		124	60 - 140	5.29	140	
Endrin	130	10.0	%	100		130	60 - 140	3.85	140	
4,4'-DDD	119	10.0	%	100		119	60 - 140	4.78	140	
Endosulfan II	123	10.0	%	100		123	60 - 140	5.58	140	
4,4'-DDT	105	10.0	%	100		105	60 - 140	5.12	140	
Endrin ketone	114	10.0	%	100		114	60 - 140	6.90	140	
Surrogate: TCMX		*105.04 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*85.06 %*	*30 - 120*							
Method Blank 1										
alpha-BHC	ND	10.0	µg/kg							
beta-BHC	ND	10.0	µg/kg							
gamma-BHC (Lindane)	ND	10.0	µg/kg							
Heptachlor	ND	10.0	µg/kg							
delta-BHC	ND	10.0	µg/kg							
Aldrin	ND	10.0	µg/kg							
Heptachlor epoxide	ND	10.0	µg/kg							
gamma-Chlordane	ND	10.0	µg/kg							
alpha-Chlordane	ND	10.0	µg/kg							
Endosulfan I	ND	10.0	µg/kg							
4,4'-DDE	ND	10.0	µg/kg							
Dieldrin	ND	10.0	µg/kg							
Endrin	ND	10.0	µg/kg							
4,4'-DDD	ND	10.0	µg/kg							
Endosulfan II	ND	10.0	µg/kg							
4,4'-DDT	ND	10.0	µg/kg							
Endrin aldehyde	ND	10.0	µg/kg							
Endosulfan sulfate	ND	10.0	µg/kg							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308412 - EPA 8081										
Method Blank 1										
Methoxychlor	ND	20.0	µg/kg							
Endrin ketone	ND	10.0	µg/kg							
Toxaphene	ND	20.0	µg/kg							
Technical Chlordane	ND	10.0	µg/kg							
gamma BHC	ND	10.0	µg/kg							
Surrogate: TCMX		*104.76 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*77.98 %*	*30 - 120*							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/28/23 14:29

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
E	Estimated Concentration; concentration exceeds calibration range.
LCC	Leak Check Compound
1	Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.
SMSR	Sample matrix prevented adequate surrogate recovery.
J	Value less than PQL but greater than MDL
HHSR	High hydrocarbon concentration in this sample prevented adequate surrogate recovery.

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Chain-of-Custody Record

Turn Around Requested:
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY
Jones Project # J232380
Page 1 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

1.6°C

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PESTICIDES	6010 METAL - ARSENIC	HOLD								Number of Containers	Notes & Special Instructions
A1-0.5	8/17/23	6:30	J232380-001		G	S	X	X									1	
A1-1.5		6:31	-002							X								
A2-0.5		6:40	-003				X	X										
A2-0.5 DUP		6:40	-004				X	X										
A2-1.5		6:41	-005							X								
A3-0.5		6:50	-006				X	X										
A3-1.5		6:51	-007							X								
A4-0.5		7:00	-008				X	X										
A4-1.5		7:01	-009							X								
A5-0.5		7:10	-010				X	X										

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	
Eli Appelgate	ELI APPELGATE	Martin Young	MARTIN YOUNG	10 Total Number of Containers
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JEL	Date: 8/18/23 Time: 0755	
Relinquished By (Signature): Martin Young	Printed Name: MARTIN YOUNG	Received By Laboratory (Signature)	Printed Name: CHRIS C	
Company: JEL	Date: 8/18/23 Time: 1100	Company: JEL	Date: 8/18/23 Time: 1110	

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

JONES ENVIRONMENTAL, INC.

11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Chain-of-Custody Record

Turn Around Requested:
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY

Jones Project # J232380

Page 2 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
- AS - Acetate Sleeve
- SS - Stainless Steel Sleeve
- BS - Brass Sleeve
- G - Glass
- AB - Amber Bottle
- P - Plastic
- SOBI - Sodium Bisulfate
- MeOH - Methanol
- HCI - Hydrochloric Acid
- HNO3 - Nitric Acid
- O - Other (See Notes)

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PESTICIDES	6010 - ARSENIC	HOLD								Number of Containers	Notes & Special Instructions
A5-1.5	8/17/23	7:11	J232380-011		G	S			X								1	
A6-0.5		7:20	-012				X	X										
A6-1.5		7:21	-013						X									
B1-0.5		7:30	-014				X	X										
B1-1.5		7:31	-015						X									
B2-0.5		7:40	-016				X	X										
B2-1.5		7:41	-017						X									
B3-0.5		7:50	-018				X	X										
B3-1.5		7:51	-019						X									
B3-1.5 DUP		7:51	-020						X									

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	Total Number of Containers
[signature]	ELI APPELGATE	[signature]	MARTIN YOUNG	10
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JEL	Date: 8/18/23 Time: 0955	
Relinquished By (Signature): [signature]	Printed Name: MARTIN YOUNG	Received By Laboratory (Signature): [signature]	Printed Name: CHRIS C	
Company: JEL	Date: 8/18/23 Time: 1100	Company: JEL	Date: 8/18/23 Time: 1110	

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Turn Around Requested:
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY
Jones Project # J232380
Page 3 of 8

FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PESTICIDES	6010 ARSENIC	HOLD	Number of Containers	Notes & Special Instructions
B4-0.5	8/17/23	8:00	J232380-021		G	S	X	X		1	
B4-1.5		8:01	-022						X		
B5-0.5		8:10	-023				X	X			
B5-1.5		8:11	-024						X		
B6-0.5		8:20	-025				X	X			
B6-1.5		8:21	-026						X		
C1-0.5		8:30	-027				X	X			
C1-1.5		8:31	-028						X		
C2-0.5		8:40	-029				X	X			
C2-0.5 DUP		8:40	-030				X	X			

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	
[signature]	ELI APPELGATE	[signature]	MARTIN YOUNG	10 Total Number of Containers
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JEL	Date: 8/18/23 Time: 0955	
Relinquished By (Signature): [signature]	Printed Name: MARTIN YOUNG	Received By Laboratory (Signature): [signature]	Printed Name: CHRIS C	
Company: JEL	Date: 8/18/23 Time: 1100	Company: JEL	Date: 8/18/23 Time: 1110	

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Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Turn Around Requested:
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY

Jones Project # J232380

Page 4 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
- AS - Acetate Sleeve
- SS - Stainless Steel Sleeve
- BS - Brass Sleeve
- G - Glass
- AB - Amber Bottle
- P - Plastic
- SOBI - Sodium Bisulfate
- MeOH - Methanol
- HCl - Hydrochloric Acid
- HNO3 - Nitric Acid
- O - Other (See Notes)

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	PESTICIDES 8081	6010 ARSENIC	HOLD								Number of Containers	Notes & Special Instructions
C2-1.5	8/17/23	8:41	J232380-031		G	S			X								1	
C3-0.5		8:50	-032				X	X										
C3-1.5		8:51	-033						X									
C4-0.5		9:00	-034				X	X										
C4-1.5		9:01	-035						X									
C5-0.5		9:10	-036				X	X										
C5-1.5		9:11	-037						X									
C6-0.5		9:20	-038				X	X										
C6-1.5		9:21	-039						X									
D1-0.5		9:30	-040				X	X										

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	
[signature]	E. APPELGATE	[signature]	MARTIN YOUNG	10 Total Number of Containers
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JEL	Date: 8/18/23 Time: 0955	
Relinquished By (Signature): [signature]	Printed Name: MARTIN YOUNG	Received By Laboratory (Signature): [signature]	Printed Name: CHRIS C	
Company: JEL	Date: 8/18/23 Time:	Company: JEL	Date: 8/18/23 Time: 1110	

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Turn Around Requested:
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY

Jones Project # T232380

Page 5 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Analysis Requested

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PESTICIDE	6010 ARSENIC	HOLD								Number of Containers	Notes & Special Instructions
D1-1.5	8/17/23	9:31	T232380-041		G	S			X								1	
D1-1.5 DUP		9:31	-042						X									
D2-0.5		9:40	-043				X	X										
D2-1.5		9:41	-044						X									
D3-0.5		9:50	-045				X	X										
D3-1.5		9:51	-046						X									
D4-0.5		10:00	-047				X	X										
D4-1.5		10:01	-048						X									
D5-0.5		10:10	-049				X	X										
D5-1.5		10:11	-050						X									

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	Number of Containers
[signature]	ELI APPELGATE	[signature]	MARTIN YOUNG	10 Total Number of Containers
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JGL	Date: 8/18/23 Time: 0955	
Relinquished By (Signature): [signature]	Printed Name: MARTIN YOUNG	Received By Laboratory (Signature): [signature]	Printed Name: CHRIS C	
Company: JGL	Date: 8/18/23 Time:	Company: JGL	Date: 8/18/23 Time: 1110	

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Chain-of-Custody Record

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Turn Around Requested:
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY
Jones Project # J232380
Page 6 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
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BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PEST.	6010 ARSENIC	HOLD									Number of Containers	Notes & Special Instructions
D6-0.5	8/17/23	10:20	J232380-051		G	S	X	X										1	
D6-1.5		10:21	-052						X										
E1-0.5		10:30	-053				X	X											
E1-1.5		10:31	-054						X										
E2-0.5		10:40	-055				X	X											
E2-1.5		10:41	-056						X										
E3-0.5		10:45	-057				X	X											
E3-1.5		10:46	-058						X										
E4-0.5		10:50	-059				X	X											
E4-0.5 DUP		10:50	-060				X	X											

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	Total Number of Containers
[signature]	ELI APPELGATE	[signature]	MARTIN YOUNG	10
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JEL	Date: 8/18/23 Time: 1000	
Relinquished By (Signature): [signature]	Printed Name: MARTIN YOUNG	Received By Laboratory (Signature): [signature]	Printed Name: CHRIS C	
Company: JEL	Date: 8/18/23 Time: 1100	Company: JEL	Date: 8/18/23 Time: 1110	

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Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
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Turn Around Requested:
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY
Jones Project # J232380
Page 7 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PEST.	6010 ARSENIC	HOLD	Number of Containers	Notes & Special Instructions
E4-1.5	8/17/23	10:51	J232380-061		G	S			X	1	
E5-0.5		11:00	-062				X	X			
E5-1.5		11:01	-63						X		
E5-1.5 DUP		11:01	-64						X		
E6-0.5		11:10	-065				X	X			
E6-1.5		11:11	-066						X		
F1-0.5		11:20	-67				X	X			
F1-1.5		11:21	-68						X		
F2-0.5		11:30	-69				X	X			
F2-1.5		11:31	-70						X		

Total Number of Containers: 10

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name
	ELI APPELGATE		MARTIN YOUNG
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JEL	Date: 8/18/23 Time: 1000
Relinquished By (Signature)	Printed Name	Received By Laboratory (Signature)	Printed Name
	MARTIN YOUNG		CHRISC
Company: JEL	Date: 8/18/23 Time: 1100	Company: JEL	Date: 8/18/23 Time: 1110

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Chain-of-Custody Record

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- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY

Jones Project # T232380

Page 8 of 8

Client: FREY Environmental, Inc

Date: 8/17/2023

Project Name: 855 Brotherton Road

Client Project #: 698-35

Project Address: 855 Brotherton Road
Escondido, CA

Email: eliappelgate@freyinc.com

Phone: (949) 723-1645

Report To: Eli Appelgate

Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations

AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 Pest.	6010 Arsenic	Hold	Number of Containers	Notes & Special Instructions
F3-0.5	8/17/23	11:40	T232380-071		G	S	X	X		1	
F3-1.5	↓	11:41	-072		G	↓			X	1	
										2	Total Number of Containers

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name
Eli Appelgate	ELI APPELGATE	[signature]	MARTIN YOUNG
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JEL	Date: 8/18/23 Time: 1000
Relinquished By (Signature)	**Printed Name**	**Received By Laboratory (Signature)**	**Printed Name**
[signature]	MARTIN YOUNG	[signature]	CHRIS C
Company: JEL	Date: 8/18/23 Time: 1100	Company: JEL	Date: 8/18/23 Time: 1110

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JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

31 August 2023

Eli Applegate
Frey Environmental, Inc.
2817-A Lafayette Ave.
Newport Beach, CA 92663

Re: 855 Brotherton Road

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Colby Wakeman
Lab Director

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/31/23 16:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
E6-1.5	J232380-066	Soil	08/17/2023 11:11	08/18/2023 11:58

DETECTIONS SUMMARY

Sample ID: E6-1.5 **Laboratory ID:** J232380-066

No Results Detected

Jones Environmental, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Colby Wakeman
Lab Director

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Frey Environmental, Inc. 2817-A Lafayette Ave. Newport Beach, CA 92663	Project: 855 Brotherton Road Project Number: 698-35 Project Manager: Eli Applegate	Reported 08/31/23 16:24

E6-1.5
J232380-066(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic, As by EPA 6010									
Arsenic, As	ND	5.0	mg/kg	1	QC2308507		08/31/23	EPA 6010	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/31/23 16:24

Arsenic, As by EPA 6010 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308507 - EPA 6010										
CCV 1										
Arsenic, As	1.0	5.0	%	1		103	90 - 110		110	
LCS 1										
Arsenic, As	212	5.0	%	200		106	80 - 120			
LCSD 1										
Arsenic, As	196	5.0	%	200		98	80 - 120	7.96	120	
Method Blank 1										
Arsenic, As	ND	5.0	mg/kg							

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/31/23 16:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
E6-1.5	J232380-066	Soil	08/17/2023 11:11	08/18/2023 11:58

DETECTIONS SUMMARY

Sample ID: E6-1.5 **Laboratory ID:** J232380-066

Analyte	Result	Reporting Limit	Units	Method	Notes
gamma-Chlordane	13.7	10.0	µg/kg	EPA 8081	
alpha-Chlordane	10.4	10.0	µg/kg	EPA 8081	
Dieldrin	13.2	10.0	µg/kg	EPA 8081	

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc. 2817-A Lafayette Ave. Newport Beach, CA 92663	Project: 855 Brotherton Road Project Number: 698-35 Project Manager: Eli Applegate	Reported 08/31/23 16:40

E6-1.5
J232380-066(Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chlorinated Pesticides by GC/ECD by EPA 8081									
alpha-BHC	ND	10.0	µg/kg	1	QC2308493		08/30/23	EPA 8081	
beta-BHC	ND	10.0	µg/kg	"	"		"	"	
gamma-BHC (Lindane)	ND	10.0	µg/kg	"	"		"	"	
Heptachlor	ND	10.0	µg/kg	"	"		"	"	
delta-BHC	ND	10.0	µg/kg	"	"		"	"	
Aldrin	ND	10.0	µg/kg	"	"		"	"	
Heptachlor epoxide	ND	10.0	µg/kg	"	"		"	"	
gamma-Chlordane	13.7	10.0	µg/kg	"	"		"	"	
alpha-Chlordane	10.4	10.0	µg/kg	"	"		"	"	
Endosulfan I	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDE	ND	10.0	µg/kg	"	"		"	"	
Dieldrin	13.2	10.0	µg/kg	"	"		"	"	
Endrin	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDD	ND	10.0	µg/kg	"	"		"	"	
Endosulfan II	ND	10.0	µg/kg	"	"		"	"	
4,4'-DDT	ND	10.0	µg/kg	"	"		"	"	
Endrin aldehyde	ND	10.0	µg/kg	"	"		"	"	
Endosulfan sulfate	ND	10.0	µg/kg	"	"		"	"	
Methoxychlor	ND	20.0	µg/kg	"	"		"	"	
Endrin ketone	ND	10.0	µg/kg	"	"		"	"	
Toxaphene	ND	20.0	µg/kg	"	"		"	"	
Technical Chlordane	ND	10.0	µg/kg	"	"		"	"	

Surrogate: TCMX	*66.60 %*	*30 - 120*
Surrogate: Decachlorobiphenyl	*57.70 %*	*30 - 120*

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/31/23 16:40

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308493 - EPA 8081										
CCV 1										
alpha-BHC	54.1	10.0	%	50		108	80 - 120		120	
Heptachlor	53.7	10.0	%	50		107	80 - 120		120	
Aldrin	53.8	10.0	%	50		108	80 - 120		120	
Heptachlor epoxide	49.5	10.0	%	50		99	80 - 120		120	
gamma-Chlordane	47.2	10.0	%	50		94	80 - 120		120	
Endosulfan I	48.8	10.0	%	50		98	80 - 120		120	
4,4'-DDE	92.0	10.0	%	100		92	80 - 120		120	
Dieldrin	94.8	10.0	%	100		95	80 - 120		120	
Endrin	107	10.0	%	100		107	80 - 120		120	
4,4'-DDD	83.6	10.0	%	100		84	80 - 120		120	
Endosulfan II	94.6	10.0	%	100		95	80 - 120		120	
4,4'-DDT	82.1	10.0	%	100		82	80 - 120		120	
Endrin ketone	80.6	10.0	%	100		81	80 - 120		120	
LCS 1										
alpha-BHC	100	10.0	%	100		100	60 - 140			
Heptachlor	98.4	10.0	%	100		98	60 - 140			
Aldrin	101	10.0	%	100		101	60 - 140			
Heptachlor epoxide	104	10.0	%	100		104	60 - 140			
gamma-Chlordane	94.6	10.0	%	100		95	60 - 140			
Endosulfan I	93.2	10.0	%	100		93	60 - 140			
4,4'-DDE	92.4	10.0	%	100		92	60 - 140			
Dieldrin	101	10.0	%	100		101	60 - 140			
Endrin	109	10.0	%	100		109	60 - 140			
4,4'-DDD	94.8	10.0	%	100		95	60 - 140			
Endosulfan II	99.1	10.0	%	100		99	60 - 140			
4,4'-DDT	82.3	10.0	%	100		82	60 - 140			
Endrin ketone	86.0	10.0	%	100		86	60 - 140			
Surrogate: TCMX		*95.00 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*65.71 %*	*30 - 120*							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/31/23 16:40

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308493 - EPA 8081										
LCSD 1										
alpha-BHC	103	10.0	%	100		103	60 - 140	2.26	140	
Heptachlor	99.9	10.0	%	100		100	60 - 140	1.54	140	
Aldrin	104	10.0	%	100		104	60 - 140	3.16	140	
Heptachlor epoxide	110	10.0	%	100		110	60 - 140	5.52	140	
gamma-Chlordane	100	10.0	%	100		100	60 - 140	5.96	140	
Endosulfan I	100	10.0	%	100		100	60 - 140	7.02	140	
4,4'-DDE	98.3	10.0	%	100		98	60 - 140	6.26	140	
Dieldrin	108	10.0	%	100		108	60 - 140	6.76	140	
Endrin	116	10.0	%	100		116	60 - 140	6.50	140	
4,4'-DDD	101	10.0	%	100		101	60 - 140	6.61	140	
Endosulfan II	106	10.0	%	100		106	60 - 140	6.58	140	
4,4'-DDT	89.2	10.0	%	100		89	60 - 140	8.02	140	
Endrin ketone	92.8	10.0	%	100		93	60 - 140	7.58	140	
Surrogate: TCMX		*97.18 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*71.24 %*	*30 - 120*							
Method Blank 1										
alpha-BHC	ND	10.0	µg/kg							
beta-BHC	ND	10.0	µg/kg							
gamma-BHC (Lindane)	ND	10.0	µg/kg							
Heptachlor	ND	10.0	µg/kg							
delta-BHC	ND	10.0	µg/kg							
Aldrin	ND	10.0	µg/kg							
Heptachlor epoxide	ND	10.0	µg/kg							
gamma-Chlordane	ND	10.0	µg/kg							
alpha-Chlordane	ND	10.0	µg/kg							
Endosulfan I	ND	10.0	µg/kg							
4,4'-DDE	ND	10.0	µg/kg							
Dieldrin	ND	10.0	µg/kg							
Endrin	ND	10.0	µg/kg							
4,4'-DDD	ND	10.0	µg/kg							
Endosulfan II	ND	10.0	µg/kg							
4,4'-DDT	ND	10.0	µg/kg							
Endrin aldehyde	ND	10.0	µg/kg							
Endosulfan sulfate	ND	10.0	µg/kg							

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/31/23 16:40

Chlorinated Pesticides by GC/ECD by EPA 8081 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2308493 - EPA 8081										
Method Blank 1										
Methoxychlor	ND	20.0	µg/kg							
Endrin ketone	ND	10.0	µg/kg							
Toxaphene	ND	20.0	µg/kg							
Technical Chlordane	ND	10.0	µg/kg							
Surrogate: TCMX		*106.97 %*	*30 - 120*							
Surrogate: Decachlorobiphenyl		*68.38 %*	*30 - 120*							

Jones Environmental, Inc.

Colby Wakeman
Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Frey Environmental, Inc.	Project: 855 Brotherton Road	
2817-A Lafayette Ave.	Project Number: 698-35	Reported
Newport Beach, CA 92663	Project Manager: Eli Applegate	08/31/23 16:40

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
E	Estimated Concentration; concentration exceeds calibration range.
LCC	Leak Check Compound
1	Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.
SMSR	Sample matrix prevented adequate surrogate recovery.
J	Value less than PQL but greater than MDL
HHSR	High hydrocarbon concentration in this sample prevented adequate surrogate recovery.

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Chain-of-Custody Record

Turn Around Requested:
- □ Immediate Attention - 200%
- □ Rush 24 Hours - 100%
- □ Rush 48 Hours - 50%
- □ Rush 72 Hours - 25%
- □ Rush 96 Hours - 10%
- X Normal - No Surcharge

LAB USE ONLY
Jones Project # J232380
Page 1 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

1.6°C

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PESTICIDES	6010 / METAL - ARSENIC	HOLD									Number of Containers	Notes & Special Instructions
A1-0.5	8/17/23	6:30	J232380-001		G	S	X	X										1	
A1-1.5		6:31	-002							X									
A2-0.5		6:40	-003				X	X											
A2-0.5 DUP		6:40	-004				X	X											
A2-1.5		6:41	-005							X									
A3-0.5		6:50	-006				X	X											
A3-1.5		6:51	-007							X									
A4-0.5		7:00	-008				X	X											
A4-1.5		7:01	-009							X									
A5-0.5		7:10	-010				X	X											

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	
[signature]	Eli Appelgate	[signature]	Martin Young	10 Total Number of Containers
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JGL	Date: 8/18/23 Time: 0755	
Relinquished By (Signature): [signature]	Printed Name: Martin Young	Received By Laboratory (Signature): [signature]	Printed Name: CHRIS C	
Company: JGL	Date: 8/18/23 Time: 1100	Company: JGL	Date: 8/18/23 Time: 1110	

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

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Chain-of-Custody Record

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- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY

Jones Project # J232380

Page 2 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
- AS - Acetate Sleeve
- SS - Stainless Steel Sleeve
- BS - Brass Sleeve
- G - Glass
- AB - Amber Bottle
- P - Plastic
- SOBI - Sodium Bisulfate
- MeOH - Methanol
- HCI - Hydrochloric Acid
- HNO3 - Nitric Acid
- O - Other (See Notes)

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PESTICIDES	6010 - ARSENIC	HOLD								Number of Containers	Notes & Special Instructions
A5-1.5	8/17/23	7:11	J232380-011		G	S			X								1	
A6-0.5		7:20	-012				X	X										
A6-1.5		7:21	-013						X									
B1-0.5		7:30	-014				X	X										
B1-1.5		7:31	-015						X									
B2-0.5		7:40	-016				X	X										
B2-1.5		7:41	-017						X									
B3-0.5		7:50	-018				X	X										
B3-1.5		7:51	-019						X									
B3-1.5 DUP		7:51	-020						X									

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	Total Number of Containers
[signature]	ELI APPELGATE	[signature]	MARTIN YOUNG	10
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JEL	Date: 8/18/23 Time: 0955	
Relinquished By (Signature): [signature]	Printed Name: MARTIN YOUNG	Received By Laboratory (Signature): [signature]	Printed Name: CHRIS C	
Company: JEL	Date: 8/18/23 Time: 1100	Company: JEL	Date: 8/18/23 Time: 1110	

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.

11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Turn Around Requested:
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY

Jones Project # J232380

Page 3 of 8

FREY Environmental, Inc

Date 8/17/2023

Project Name 855 Brotherton Road

Client Project # 698-35

Project Address 855 Brotherton Road

Escondido, CA

Email eliappelgate@freyinc.com

Phone (949) 723-1645

Report To Eli Appelgate **Sampler** Eli Appelgate

Sample Container / Preservative Abbreviations

AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
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MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PESTICIDES	6010 ARSENIC	HOLD	Number of Containers	Notes & Special Instructions
B4-0.5	8/17/23	8:00	J232380-021		G	S	X	X		1	
B4-1.5		8:01	-022						X		
B5-0.5		8:10	-023				X	X			
B5-1.5		8:11	-024						X		
B6-0.5		8:20	-025				X	X			
B6-1.5		8:21	-026						X		
C1-0.5		8:30	-027				X	X			
C1-1.5		8:31	-028						X		
C2-0.5		8:40	-029				X	X			
C2-0.5 DUP		8:40	-030				X	X			

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	
[signature]	ELI APPELGATE	[signature]	MARTIN YOUNG	10 Total Number of Containers
Company FREY	**Date** 8/17/23 **Time** 13:05	**Company** JEL	**Date** 8/18/23 **Time** 0955	
Relinquished By (Signature) [signature]	**Printed Name** MARTIN YOUNG	**Received By Laboratory (Signature)** [signature]	**Printed Name** CHRIS C	
Company JEL	**Date:** 8/18/23 **Time** 1100	**Company** JEL	**Date** 8/18/23 **Time** 1110	

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

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www.jonesenv.com

Chain-of-Custody Record

Turn Around Requested:
- ☐ Immediate Attention - 200%
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- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY

Jones Project # J232380

Page 4 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
- AS - Acetate Sleeve
- SS - Stainless Steel Sleeve
- BS - Brass Sleeve
- G - Glass
- AB - Amber Bottle
- P - Plastic
- SOBI - Sodium Bisulfate
- MeOH - Methanol
- HCl - Hydrochloric Acid
- HNO3 - Nitric Acid
- O - Other (See Notes)

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	PESTICIDES 8081	6010 ARSENIC	HOLD								Number of Containers	Notes & Special Instructions
C2-1.5	8/17/23	8:41	J232380-031		G	S			X								1	
C3-0.5		8:50	-032				X	X										
C3-1.5		8:51	-033						X									
C4-0.5		9:00	-034				X	X										
C4-1.5		9:01	-035						X									
C5-0.5		9:10	-036				X	X										
C5-1.5		9:11	-037						X									
C6-0.5		9:20	-038				X	X										
C6-1.5		9:21	-039						X									
D1-0.5		9:30	-040				X	X										

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	
[signature]	E. APPELGATE	[signature]	MARTIN YOUNG	10 Total Number of Containers
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JEL	Date: 8/18/23 Time: 0955	
Relinquished By (Signature): [signature]	Printed Name: MARTIN YOUNG	Received By Laboratory (Signature): [signature]	Printed Name: CHRIS C	
Company: JEL	Date: 8/18/23 Time:	Company: JEL	Date: 8/18/23 Time: 1110	

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

JONES ENVIRONMENTAL, INC.

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Chain-of-Custody Record

Turn Around Requested:
- ☐ Immediate Attention - 200%
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- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

LAB USE ONLY

Jones Project # T232380

Page 5 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PESTICIDE	6010 ARSENIC	HOLD	Number of Containers	Notes & Special Instructions
D1-1.5	8/17/23	9:31	T232380-041		G	S			X	1	
D1-1.5 DUP		9:31	-042						X		
D2-0.5		9:40	-043				X	X			
D2-1.5		9:41	-044						X		
D3-0.5		9:50	-045				X	X			
D3-1.5		9:51	-046						X		
D4-0.5		10:00	-047				X	X			
D4-1.5		10:01	-048						X		
D5-0.5		10:10	-049				X	X			
D5-1.5		10:11	-050						X		

Total Number of Containers: 10

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name
[signature]	ELI APPELGATE	[signature]	MARTIN YOUNG
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JGL	Date: 8/18/23 Time: 0955
Relinquished By (Signature): [signature]	Printed Name: MARTIN YOUNG	Received By Laboratory (Signature): [signature]	Printed Name: CHRIS C
Company: JGL	Date: 8/18/23 Time:	Company: JGL	Date: 8/18/23 Time: 1110

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

Turn Around Requested:
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- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
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LAB USE ONLY
Jones Project # J232380
Page 6 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations
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BS - Brass Sleeve
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AB - Amber Bottle
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HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PEST.	6010 ARSENIC	HOLD									Number of Containers	Notes & Special Instructions
D6-0.5	8/17/23	10:20	J232380-051		G	S	X	X										1	
D6-1.5		10:21	-052						X										
E1-0.5		10:30	-053				X	X											
E1-1.5		10:31	-054						X										
E2-0.5		10:40	-055				X	X											
E2-1.5		10:41	-056						X										
E3-0.5		10:45	-057				X	X											
E3-1.5		10:46	-058						X										
E4-0.5		10:50	-059				X	X											
E4-0.5 DUP		10:50	-060				X	X											

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	Total Number of Containers
Eli Appelgate	Eli Appelgate	Martin Young	Martin Young	10
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JEL	Date: 8/18/23 Time: 1000	
Relinquished By (Signature): Martin Young	Printed Name: Martin Young	Received By Laboratory (Signature): [illegible]	Printed Name: Chris C	
Company: JEL	Date: 8/18/23 Time: 1100	Company: JEL	Date: 8/18/23 Time: 1110	

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JONES ENVIRONMENTAL, INC.

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Santa Fe Springs, CA 90670
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Chain-of-Custody Record

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LAB USE ONLY
Jones Project # J232380
Page 7 of 8

Client: FREY Environmental, Inc
Date: 8/17/2023
Project Name: 855 Brotherton Road
Client Project #: 698-35
Project Address: 855 Brotherton Road
Escondido, CA
Email: eliappelgate@freyinc.com
Phone: (949) 723-1645
Report To: Eli Appelgate
Sampler: Eli Appelgate

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MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 PEST.	6010 ARSENIC	HOLD	Number of Containers	Notes & Special Instructions
E4-1.5	8/17/23	10:51	J232380-061		G	S			X	1	
E5-0.5		11:00	-062				X	X			
E5-1.5		11:01	-63						X		
E5-1.5 DUP		11:01	-64						X		
E6-0.5		11:10	-065				X	X			
E6-1.5		11:11	-066				x	x	X		Added 08-30-2023 JC
F1-0.5		11:20	-67				X	X			
F1-1.5		11:21	-68						X		
F2-0.5		11:30	-69				X	X			
F2-1.5		11:31	-70						X		

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name		
	ELI APPELGATE		MARTIN YOUNG	10	Total Number of Containers
Company: FREY	Date: 8/17/23 Time: 13:05	Company: JEL	Date: 8/18/23 Time: 1000		
Relinquished By (Signature)	Printed Name	Received By Laboratory (Signature)	Printed Name		
	MARTIN YOUNG		CHRISC		
Company: JEL	Date: 8/18/23 Time: 1100	Company: JEL	Date: 8/18/23 Time: 1110		

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.

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Turn Around Requested:
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- ☒ Normal - No Surcharge

LAB USE ONLY

Jones Project # T232380

Page 8 of 8

Client: FREY Environmental, Inc

Date: 8/17/2023

Project Name: 855 Brotherton Road

Client Project #: 698-35

Project Address: 855 Brotherton Road
Escondido, CA

Email: eliappelgate@freyinc.com

Phone: (949) 723-1645

Report To: Eli Appelgate

Sampler: Eli Appelgate

Sample Container / Preservative Abbreviations

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SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

Analysis Requested

Sample ID	Sample Collection Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8081 Pest.	6010 Arsenic	Hold	Number of Containers	Notes & Special Instructions
F3-0.5	8/17/23	11:40	T232380-071		G	S	X	X		1	
F3-1.5	↓	11:41	-072		G	↓			X	1	
										2	Total Number of Containers

Relinquished By (Signature)	Printed Name	Date	Time	Received By (Signature)	Printed Name	Date	Time
Eli Appelgate	ELI APPELGATE	8/17/23	13:05	[signature]	MARTIN YOUNG	8/18/23	1000
Company: FREY				Company: JEL			
Relinquished By (Signature): [signature]	Printed Name: MARTIN YOUNG	Date: 8/18/23	Time: 1100	Received By Laboratory (Signature): [signature]	Printed Name: CHRIS C	Date: 8/18/23	Time: 1110
Company: JEL				Company: JEL			

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

APPENDIX B

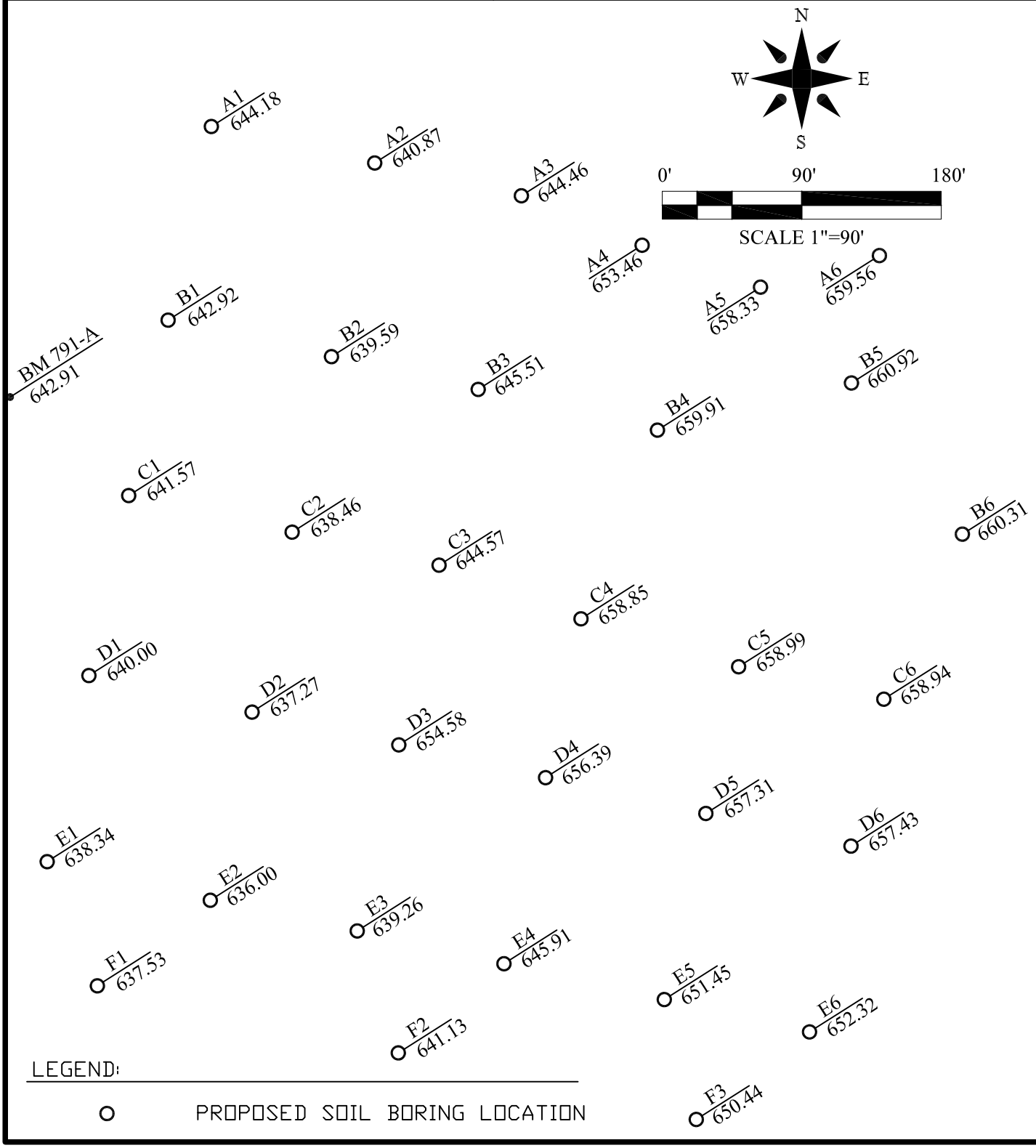
SURVEY REPORT

MONITORING WELLS

RdM Surveying Inc.
23016 LAKE FOREST DRIVE #409
LAGUNA HILLS, CA 92653
(949) 858-2924 (OFFICE)
(949) 422-1869 (CELL)
RDMSURVEYING@COX.NET

ADDRESS PROJECT:
855 BROTHERTON ROAD
ESCONDIDO, CA

DATE: 11/13/23



LEGEND:

○ PROPOSED SOIL BORING LOCATION

MONITORING WELLS

RdM Surveying Inc.
23016 LAKE FOREST DRIVE #409
LAGUNA HILLS, CA 92653
(949) 858-2924 (OFFICE)
(949) 422-1869 (CELL)
RDMSURVEYING@COX.NET

ADDRESS PROJECT:
855 BROTHERTON ROAD
ESCONDIDO, CA

DATE: 11/13/23

WELL #	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV. (GROUND)
A1	1,979,607.98	6,306,467.34	33.0960872	-117.0832850	644.18
A2	1,979,584.43	6,306,572.77	33.0960248	-117.0829401	640.87
A3	1,979,563.15	6,306,667.36	33.0959684	-117.0826307	644.46
A4	1,979,531.20	6,306,745.23	33.0958823	-117.0823756	653.46
A5	1,979,504.35	6,306,821.67	33.0958102	-117.0821253	658.33
A6	1,979,524.71	6,306,898.38	33.0958678	-117.0818754	659.56
B1	1,979,483.11	6,306,439.40	33.0957434	-117.0833729	642.92
B2	1,979,459.44	6,306,544.76	33.0956807	-117.0830283	639.59
B3	1,979,438.34	6,306,639.49	33.0956248	-117.0827185	645.51
B4	1,979,411.90	6,306,755.07	33.0955546	-117.0823404	659.91
B5	1,979,442.50	6,306,880.34	33.0956415	-117.0819322	660.92
B6	1,979,344.99	6,306,951.91	33.0953751	-117.0816959	660.31

COUNTY OF SAN DIEGO BENCH MARK NUMBER 791-A LOCATED AT THE SOUTHERLY BEGINNING OF CURB RETURN, ON THE SOUTHWEST CORNER OF FELICITA AVENUE AND ROCKWELL SPRINGS CT., 642.91 FEET ABOVE MEAN SEA LEVEL USING NGVD 29 DATUM.

METHODOLOGY: MEASURED USING CONVENTIONAL DIFFERENTIAL LEVELING WITH A NON-DIGITAL, (FEDERAL GEODETIC CONTROL SUBCOMMITTEE, THIRD ORDER) BASED ON A MINIMUM OF 1 GEODETIC CONTROL POINT.

USING A THALES GPS RECEIVER TO COMPUTE LATITUDES AND LONGITUDES SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC SURVEY'S (NGS) PUBLISHED POSITIONS IN THE NORTH AMERICAN DATUM OF 1983 (NAD83), EPOCH OF __2010.00__, FOR CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) LOMAX AND MULE HILL, CALIFORNIA COORDINATE ZONE 6, TO OBTAIN SUB-METER ACCURACY ON MONITORING WELLS.

METHOD: USING REAL-TIME KINEMATIC (RTK) GPS SURVEY TECHNIQUE WITH 2 GEODETIC CONTROL POINTS BASED ON CALIFORNIA SPATIAL REFERENCE SYSTEM HORIZONTAL (CSRS-H). DATA COLLECTED IN REAL TIME.

MONITORING WELLS

RdM Surveying Inc.
23016 LAKE FOREST DRIVE #409
LAGUNA HILLS, CA 92653
(949) 858-2924 (OFFICE)
(949) 422-1869 (CELL)
RDMSURVEYING@COX.NET

ADDRESS PROJECT:
855 BROTHERTON ROAD
ESCONDIDO, CA

DATE: 11/13/23

WELL #	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV. (GROUND)
C1	1,979,369.89	6,306,413.88	33.0954317	-117.0834533	641.57
C2	1,979,346.22	6,306,519.33	33.0953689	-117.0831084	638.46
C3	1,979,324.86	6,306,614.10	33.0953102	-117.0831078	644.57
C4	1,979,290.23	6,306,705.65	33.0952192	-117.0824986	658.85
C5	1,979,259.23	6,306,807.35	33.0951362	-117.0821657	658.99
C6	1,979,238.22	6,306,900.87	33.0950805	-117.0818598	658.94
D1	1,979,253.77	6,306,388.13	33.0951120	-117.0835343	640.00
D2	1,979,230.21	6,306,493.40	33.0950495	-117.0831900	637.27
D3	1,979,208.95	6,306,588.00	33.0949932	-117.0828806	654.58
D4	1,979,187.73	6,306,682.76	33.0949370	-117.0825706	656.39
D5	1,979,164.68	6,306,786.14	33.0948759	-117.0822325	657.31
D6	1,979,143.49	6,306,879.80	33.0948197	-117.0819261	657.43

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WELL #	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV. (GROUND)
E1	6,306,360.98	1,979,133.85	33.0947818	-117.0836199	638.34
E2	6,306,466.39	1,979,108.76	33.0947152	-117.0832750	636.00
E3	6,306,561.22	1,979,088.88	33.0946626	-117.0829649	639.26
E4	6,306,655.85	1,979,067.79	33.0946067	-117.0826554	645.91
E5	6,306,759.31	1,979,044.58	33.0945452	-117.0823170	651.45
E6	6,306,852.98	1,979,023.62	33.0944897	-117.0820106	652.32
F1	6,306,393.49	1,979,053.59	33.0945619	-117.0835116	637.53
F2	6,306,587.74	1,979,010.24	33.0944471	-117.0828763	641.13
F3	6,306,779.92	1,978,967.20	33.0943330	-117.0822477	650.44