



December 18, 2015  
File No.: 20162537

Mr. Shawn Ogletree  
Engineering Geologist/Paleontologist  
Hazardous Waste and Paleontology  
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**Subject: Preliminary Site Investigation Report  
Fulkerth Road/State Route 99 Interchange  
Turlock, California**

Dear Mr. Ogletree:

Attached is a report describing the scope of work performed for Caltrans' proposed modifications to the interchange of the southbound State Highway 99 on- and off- ramps located at Fulkerth Road in Turlock, California (Figure 1). The objective of the work was to perform additional soil analyses to further assess the degree of impact to soils from potential chemicals of concern within the proposed construction area and assess the suitability for the re-use of the soils on site. The work was conducted in accordance with Kleinfelder's work plan dated October 9, 2015 and approved by Caltrans.

If you have any questions, please do not hesitate to contact me at (916) 366-1701.

Sincerely,

**KLEINFELDER, INC.**

Michael van den Enden, PG  
Project Manager

cc: Mr. Rich Fultz  
City Land Surveyor  
City of Turlock  
Email: [RFultz@turlock.ca.us](mailto:RFultz@turlock.ca.us)

Mr. Ryan Blais  
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Mr. Ryan Blais  
Omni-Means, Ltd.  
330 Hartnell Avenue, Suite B  
Redding, CA 96002  
Email: [rblais@omnimeans.com](mailto:rblais@omnimeans.com)

**Subject: Preliminary Site Investigation Report  
Fulkerth Road/State Route 99 Interchange  
Turlock, California**

Dear Mr. Blais:

Kleinfelder is pleased to provide this report to Omni-Means, Ltd for the Preliminary Site Investigation (PSI) at the Fulkerth Road and State Route 99 Interchange, Turlock, California (Figure 1).

## **PURPOSE AND SCOPE OF WORK**

Caltrans is performing road modifications to the interchange of the southbound State Highway 99 on- and off- ramps at Fulkerth Road. Kleinfelder previously completed an Initial Site Assessment (ISA) dated February 23, 2009. The ISA findings and recommendations concluded that road modifications and improvements of the interchange will disturb soil that may be impacted with fuel constituents, extractable hydrocarbons, various volatile organic compounds (VOCs), metals, and organochlorine pesticides (OCPs) within the storm water retention basin areas; and aerially deposited lead (ADL) along the shoulder areas of the roadways. Based on the recommendations, Caltrans subsequently authorized Kleinfelder to perform additional soil analyses to further assess the degree of impact to soils within the proposed construction area and the suitability for the re-use of the soils on site. The work was performed in accordance with Kleinfelder's work plan dated October 9, 2015 and approved by Caltrans.

## **PRE-FIELD AND FIELD ACTIVITIES**

Kleinfelder performed the work within the State right of way under the approved encroachment permit (10-08-N-SV-0625) issued to the City of Turlock on behalf of Omni-Means. The site specific health and safety plan was reviewed daily with field personnel for potential hazards, emergency contact information, and hospital routes.

Prior to soil sampling activities, sample locations were marked with white paint and marking flags (retention basin). Underground Service Alert (USA) was notified of the proposed sampling locations 48 hours before the start of sampling and Kleinfelder was issued a unique ticket number for the site. Conflicts with potential utilities were not reported from any of the utility companies notified.

Sampling activities were conducted on November 16 and 17, 2015. A traffic control subcontractor was used for shoulder closure during the work. Samples were collected using a 3-inch diameter hand auger. A photoionization detector (PID) was used to screen soil samples for potential volatile organic compounds. PID readings for each sample were recorded on Kleinfelder's sample data sheets. Sampling instruments were decontaminated with a non-phosphate detergent and rinsed with deionized water between sample collections. Following collection, the samples were placed into laboratory supplied 8 ounce glass jars, and labeled with unique identification numbers. The jars were placed into coolers with ice pending transport to the analytical laboratory under chain-of-custody control. Copies of sample data sheets are included in Appendix A.

## **ADL STUDY AREA**

Eighteen sampling locations, designated L-1 to L-18, were selected across the Site as shown on Figure 2. Three soil samples were collected from each boring location at depths of approximately 0.5 to 1.0 foot bgs, 1.0 to 1.5 feet bgs, and 1.5 to 2.0 feet bgs. Site conditions were favorable enough to collect the samples as required from the work plan. A total of 54 samples and 7 replicate samples were analyzed for the following constituents using the indicated United States Environmental Protection Agency (US EPA) Test Methods:

- Total lead analysis using EPA Method 6010
- pH using EPA Method 9040/9045

Analytical results are tabulated on Table 1. ADL Study Area locations are presented on Figure 2. Copies of analytical laboratory reports and chain-of-custody forms are included in Appendix B.

## **RETENTION BASIN STUDY AREA**

Twelve sample locations, designated RB-1 to RB-12, were selected across the Site as shown on Figure 2. Three soil samples were collected from each boring location at depths of approximately 0.5 to 1.0 foot bgs, 1.0 to 1.5 feet bgs, and 1.5 to 2.0 feet bgs. Site conditions were favorable enough to collect the samples as required from the work plan. A total of 36 samples and 2 replicate samples were analyzed for the following constituents using the indicated United States Environmental Protection Agency (USEPA) Test Methods:

- Total petroleum hydrocarbons (TPH) as diesel, motor oil (8015M)
- TPH as gasoline (8260B)
- Volatile organic compounds (8260B)
- Organochlorine Pesticides (8081)

Analytical results are tabulated on Table 2A, 2B, and 2C. Retention Basin Study Area locations are presented on Figure 2. Copies of analytical laboratory reports and chain-of-custody forms are included in Appendix B.

## DECONTAMINATION AND BORING ABANDONMENT

Sampling equipment was washed with a solution of Liquinox® detergent and rinsed with deionized water, in buckets, prior to each use. Generation of wash water was minimized. Wash water was contained in 5-gallon pails for disposal. At the end of the day, wash water was disposed at the surface in Caltrans right-of-way, in an area that did not cause runoff of fluid or sediment into receptors (i.e., storm drain, creek, or other surface water bodies), consistent with the work plan. Soil cuttings originating from each boring were placed back within the original borehole as described in the work plan.

## RESULTS

### ADL STUDY AREA

- Total lead was detected in 40 of the 54 primary soil samples analyzed, as well as in 5 of the 7 replicate samples (Table 1), ranging in concentration from 2.5 to 200 mg/kg. The maximum total lead concentration of 200 mg/kg was reported in sample L-16-0. In general, near-surface samples contained higher concentrations of total lead compared to the deeper samples. Three samples were selected for additional analysis (California Waste Extraction Test [CA-WET]) based on their total lead concentrations. CA-WET method soluble lead (citrate extraction) was reported at concentrations above 5.0 mg/L (the Soluble Threshold Limit Concentration action level) in 1 of the 3 samples analyzed. The maximum CA-WET method soluble lead concentration was 6.0 mg/L, reported in the sample collected at L-16-0.
- The pH of the 54 primary soil samples analyzed, as well as the 7 replicate samples, ranged from 5.91 to 8.79.
- The United States Environmental Protection Agency (USEPA) statistical analysis package, ProUCL, was used to perform a statistical evaluation. ProUCL allows the computation of a reliable, stable, and conservative 95 percent upper confidence limit (UCL) of the mean concentration in an environmental data set and offers 15 different methods of computing a 95 percent UCL depending on the distribution of a given data set. The 95 percent UCL for total lead is less than 1,000 mg/kg for all depths sampled (see Appendix C).

### RETENTION BASIN STUDY AREA

- TPH-diesel was detected in 1 of the 14 soil samples analyzed for the project: 3.9 mg/kg for the sample collected from 0-0.5 feet at RB-7.
- TPH-motor oil was detected in 15 of 22 soil samples analyzed, ranging in concentration from 3.3 to 190 mg/kg. The maximum TPH-motor oil concentration of 190 mg/kg was reported in sample RB-10-0.
- TPH-gasoline was not detected above laboratory reporting limits in the 14 soil samples analyzed.
- Volatile organic compounds were not detected above laboratory reporting limits in the 14 soil samples analyzed.
- One organochlorine pesticide (Dichlorodiphenyltrichloroethane, or DDT) was detected in 1 of the 14 soil samples analyzed for the project: 0.021 mg/kg for the sample collected from 0-0.5 feet at RB-5

## CONCLUSIONS

### ADL STUDY AREA

The California Department of Toxic Substances Control (DTSC) issued a State-wide variance to Caltrans regarding ADL within the State right of way. The variance states if the 95 percent upper confidence limit (UCL) on mean total lead (TTLC) is less than 1,000 mg/kg, and if the 95 percent UCL on mean soluble lead (STLC) is less than 5.0 mg/L, then the soil is considered non-hazardous and can be released to the contractor for reuse on site in accordance with Project specifications.

The 95 percent UCL for total lead in all soils is less than 1,000 mg/kg. STLC analysis was performed on total lead samples with a reported concentration of 10 times the STLC of 5.0 (50). Only 3 samples qualified for STLC analysis. Due to the limited number of STLC analyses performed, a ProUCL statistical analysis was not able to be applied. However, given that only 3 of the 61 total samples analyzed for total lead qualified for an STLC analysis, a soluble lead statistical analysis could not be performed and is not considered a contaminant of concern.

The soil samples analyzed had reported pH values above the variance criteria of 5.5. Therefore, soil tested within the Caltrans right-of-way does not contain a pH value below that which would apply to the DTSC variance conditions.

Based on analysis of the analytical results of this ADL study, soil tested within the Caltrans right-of-way contains concentrations of lead that are considered as appropriate for use on-Site without restriction. A Lead Compliance Plan is required by the variance to address worker safety.

In addition, laboratory analytical results were also compared to San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), December 2013 revision. The ESLs are not regulations but rather guidelines focused on protection of human health, groundwater and terrestrial biota.

Of the 40 samples with lead concentrations above the laboratory reporting limit, 2 exceeded the ESL of 80 mg/kg for residential land use but were under the ESL of 320 mg/kg for commercial/industrial worker direct exposure. The exceedances of the 2 samples are minimal and do not require further investigation or analysis.

### RETENTION BASIN STUDY AREA

Laboratory analytical results were compared to San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), December 2013 Revision. The ESLs are not regulations but rather guidelines focused on protection of human health, groundwater and terrestrial biota.

TPH-diesel, TPH-motor oil, and organochlorine pesticides were detected above laboratory reporting limits within the study area. TPH-diesel and organochlorine pesticides were detected at levels below their respective ESLs in each sample. Concentrations of TPH-motor oil in 4 of 22 samples analyzed exceeded the residential land use ESL of 100 mg/kg, but well below the commercial/industrial worker direct exposure ESL of 10,000 mg/kg. The maximum detected concentration was reported in the 0-0.5 foot sample RB-10-0 at 190 mg/kg. TPH-motor oil was

not detected above laboratory reporting limits (1.0 mg/kg) at location RB-10 at the sampled depths of 1-1.5 feet or 2-2.5 feet.

The exceedances of the 4 samples of TPH-motor oil above the ESLs are minimal and do not require further investigation or analysis. No other constituents analyzed exceed their respective ESLs. Kleinfelder recommends that a site specific health and safety plan be prepared to address potential interaction with the constituents detected to protect on-site workers during construction.

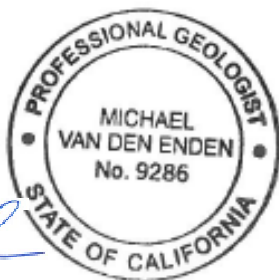
## LIMITATIONS

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions, and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee, or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

This report may be used only by the Client and the registered design professional in responsible charge and only for the purposes stated for this specific engagement within a reasonable time from its issuance, but in no event later than two (2) years from the date of the report. The work performed was based on project information provided by Client. If Client does not retain Kleinfelder to review any plans and specifications, including any revisions or modifications to the plans and specifications, Kleinfelder assumes no responsibility for the suitability of our recommendations. In addition, if there are any changes in the field to the plans and specifications, Client must obtain written approval from Kleinfelder's engineer that such changes do not affect our recommendations. Failure to do so will vitiate Kleinfelder's recommendations.

Sincerely,

**KLEINFELDER, INC.**



A handwritten signature in blue ink, appearing to read "Michael van den Enden".

Michael van den Enden, PG  
Project Manager

A handwritten signature in blue ink, appearing to read "Joseph D. Zilles".

Joseph D. Zilles, PG  
Principal Geologist

## Attachments:

## FIGURES

Figure 1 - Site Vicinity Map

Figure 2 – Soil Sample Location Map

## TABLES

Table 1 - Summary of Analytical Results – ADL Study Area

Table 2A - Summary of Analytical Results – Retention Basin (Volatile Organic Compounds)

Table 2B - Summary of Analytical Results – Retention Basin (Total Petroleum Hydrocarbons))

Table 2C – Summary of Analytical Results – Retention Basin (Organochlorine Pesticides)

## **APPENDICES**

Appendix A – Sample Data Sheets

Appendix B – Analytical Laboratory Reports and Chain-Of-Custody Forms

Appendix C - Statistical Data Analysis

## FIGURES

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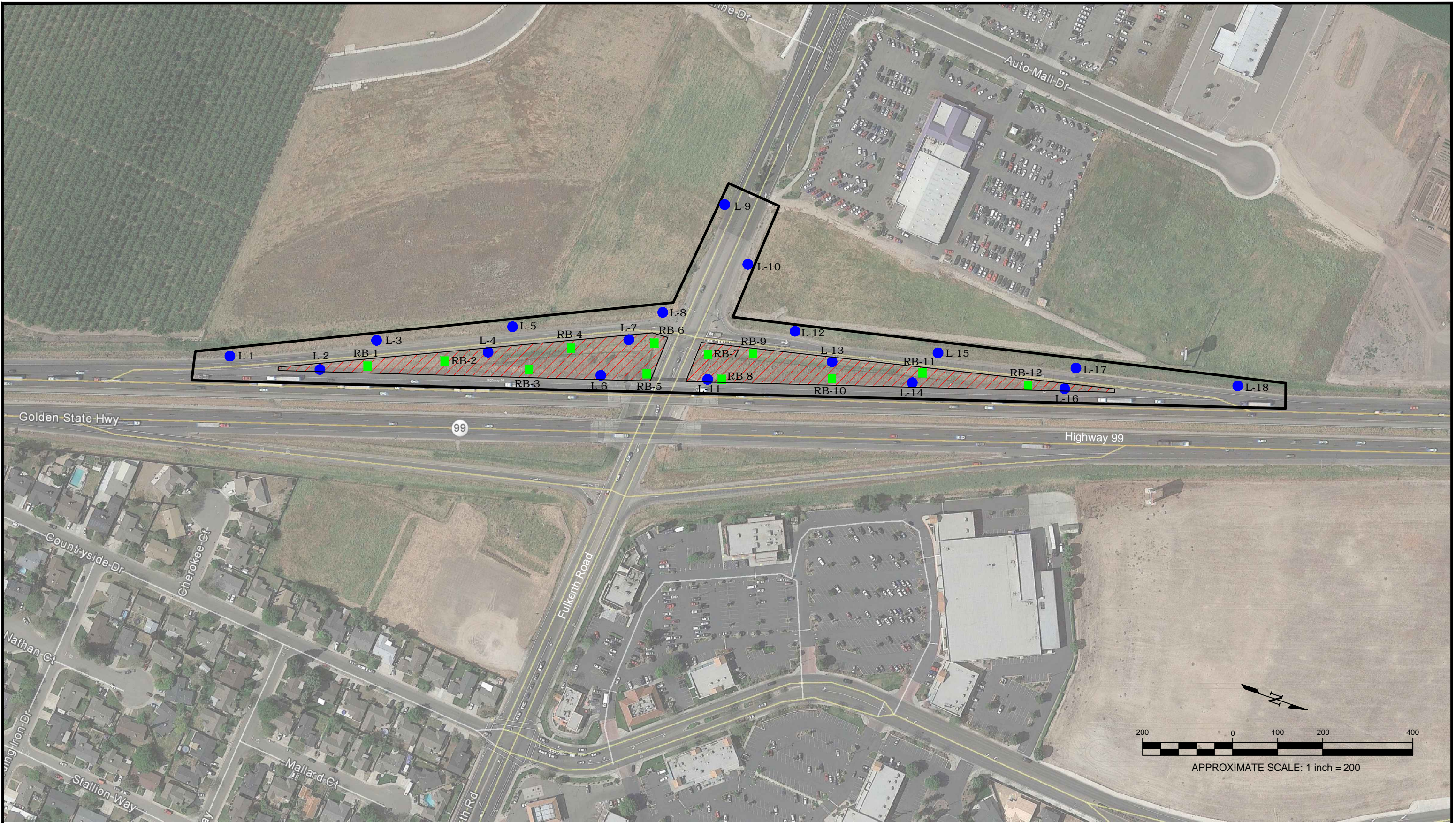
0 2000 4000  
 SCALE: 1" = 2000' SCALE IN FEET



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	PROJECT NO. 20162537	SITE VICINITY MAP	FIGURE  1
	DRAWN: 8/14/2015		
	DRAWN BY: G. Gomez	Preliminary Site Investigation Fulkerth Road and Highway 99 Turlock, California	
	CHECKED BY: C. Riddle		
	FILE NAME: STO15D073.CAD		






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Reference: Google Earth Pro, 2015

- 18 ADL Soil Sample Locations
- 12 Retention Basin Soil Sample Locations
- ▨ Retention Basin
- Project Site Boundaries

 <b>KLEINFELDER</b> <i>Bright People. Right Solutions.</i>	PROJECT NO. 20162537	SOIL SAMPLE LOCATION MAP	FIGURE
	DRAWN: 8/14/15		
	DRAWN BY: G. Gomez	Preliminary Site Investigation Fulkerth Road and Highway 99 Turlock, California	2
	CHECKED BY: C. Riddle FILE NAME: STO15D073.CAD		



## TABLES

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Table 1  
Summary of Analytical Results - ADL Study Area  
Fulkerth/99 PSI  
Turlock, CA  
Kleinfelder Project Number: 20162537

Sample Location	Sample I.D.	Sample Date	Sample Type	Sample Interval (feet)	Total Lead (mg/kg)	Lead CA-WET (mg/L)	pH
ESL For Residential Land Use*					80	NE	NE
ESL For Resident Direct Exposure (Contact)**					80	NE	NE
ESL For Commercial/Industrial Worker Direct Exposure (Contact)***					320	NE	NE
DTSC ADL Variance criteria <sup>1</sup>					NE	NE	<5.5
STLC (Solubility Threshold Limit Concentration) <sup>2</sup>					NE	5.0	NE
L-1	L-1-0	11/16/2015	Discrete	0.0	16	NA	8.08
	L-1-1		Discrete	1.0	ND(2.5)	NA	7.35
	L-1-2		Discrete	2.0	ND(2.5)	NA	7.10
L-2	L-2-0	11/16/2015	Discrete	0.0	12	NA	6.83
	L-2-1		Discrete	1.0	ND(2.5)	NA	7.73
	L-2-2		Discrete	2.0	ND(2.5)	NA	7.77
L-3	L-3-0	11/16/2015	Discrete	0.0	7.8	NA	6.58
	L-3-1		Discrete	1.0	3.3	NA	8.01
	L-3-2		Discrete	2.0	ND(2.5)	NA	7.90
L-4	L-4-0	11/16/2015	Discrete	0.0	180	1.9	6.07
	L-4-1		Discrete	1.0	43	NA	5.98
	L-4-2		Discrete	2.0	2.6	NA	7.67
L-5	L-5-0	11/16/2015	Discrete	0.0	14	NA	6.85
	L-5-1		Discrete	1.0	ND(2.5)	NA	7.51
	L-5-2		Discrete	2.0	ND(2.5)	NA	7.69
L-6	L-6-0	11/16/2015	Discrete	0.0	69	ND(2.5)	6.57
	L-6-1		Discrete	1.0	2.6	NA	7.85
	L-6-2		Discrete	2.0	3.5	NA	8.21
L-7	L-7-0	11/16/2015	Discrete	0.0	39	NA	6.73
	L-7-1		Discrete	1.0	ND(2.5)	NA	6.59
	L-7-2		Discrete	2.0	3.9	NA	6.61
L-8	L-8-0	11/16/2015	Discrete	0.0	11	NA	6.53
	L-8-1		Discrete	1.0	11	NA	6.82
	L-8-2		Discrete	2.0	ND(2.5)	NA	6.36
L-9	L-9-0	11/16/2015	Discrete	0.0	15	NA	6.95
	L-9-1		Discrete	1.0	ND(2.5)	NA	7.73
	L-9-2		Discrete	2.0	ND(2.5)	NA	7.91
L-10	L-10-0	11/17/2015	Discrete	0.0	42	NA	7.83
	L-10-0-D		Discrete	0.0	14	NA	7.81
	L-10-1		Discrete	1.0	3.4	NA	5.91
	L-10-1-D		Discrete	1.0	3.1	NA	7.70
	L-10-2		Discrete	2.0	ND(2.5)	NA	6.99
	L-10-2-D		Discrete	2.0	ND(2.5)	NA	7.04
L-11	L-11-0	11/17/2015	Discrete	0.0	14	NA	6.86
	L-11-1		Discrete	1.0	ND(2.5)	NA	8.00
	L-11-2		Discrete	2.0	ND(2.5)	NA	7.90
L-12	L-12-0	11/17/2015	Discrete	0.0	7.5	NA	8.57
	L-12-0-D		Discrete	0.0	3.8	NA	8.55
	L-12-1		Discrete	1.0	2.5	NA	8.48
	L-12-1-D		Discrete	1.0	ND(2.5)	NA	8.44
	L-12-2		Discrete	2.0	3.0	NA	8.33
	L-12-2-D		Discrete	2.0	3.2	NA	8.19
L-13	L-13-0	11/17/2015	Discrete	0.0	26	NA	6.93
	L-13-1		Discrete	1.0	3.0	NA	8.28
	L-13-2		Discrete	2.0	4.0	NA	8.06
L-14	L-14-0	11/17/2015	Discrete	0.0	42	NA	7.19
	L-14-1		Discrete	1.0	7.7	NA	7.59
	L-14-2		Discrete	2.0	10	NA	7.79
L-15	L-15-0	11/17/2015	Discrete	0.0	28	NA	7.34
	L-15-0-D		Discrete	0.0	19	NA	7.73
	L-15-1		Discrete	1.0	5.0	NA	7.80
	L-15-2		Discrete	2.0	4.5	NA	7.96
L-16	L-16-0	11/17/2015	Discrete	0.0	200	6.0	6.60
	L-16-1		Discrete	1.0	6.9	NA	7.86
	L-16-2		Discrete	2.0	12	NA	7.59
L-17	L-17-0	11/17/2015	Discrete	0.0	12	NA	8.09
	L-17-1		Discrete	1.0	5.0	NA	7.98
	L-17-2		Discrete	2.0	5.7	NA	8.79
L-18	L-18-0	11/17/2015	Discrete	0.0	20	NA	7.62
	L-18-1		Discrete	1.0	16	NA	8.02
	L-18-2		Discrete	2.0	9.7	NA	8.20

Explanations

mg/kg: Miligrams per kilogram (roughly parts per million)

San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), For Residential Land Use, December 2013 Revision. Summary Table A: Shallow Soils Screening Levels Residential (<3M) Where groundwater is or is a potential source of drinking water.

ESL\*\* San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Table K-1, Residential Exposure Scenario, December 2013 Revision.

ESL\*\*\* San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Table K-2, Commercial/Industrial Worker Exposure Scenario, December 2013 Revision.

<sup>1</sup> Department of Toxic Substances Control (DTSC) Aerially Deposited Lead (ADL) variance requirement for pH

<sup>2</sup> STLC based on California Code of Regulations Title 22 listing

ND(RL): Not detected at or above laboratory reporting limit. Reporting Limit (RL) shown in parentheses.

NE: An ESL has not been developed for the listed constituent

NA: Not Analyzed for the listed constituent(s)

BOLD: Indicates that concentration was reported over the MDL (J Flag) or RL

J: J Flag - Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.

**BOLD shaded:** Indicates that concentration exceeded ESL stated in Summary Table A (Final ESL)

**BOLD shaded:** Indicates that concentration exceeded STLC

Table 2A  
Summary of Analytical Results - Retention Basin  
Fulkerth/99 PSI  
Turlock, CA  
Kleinfelder Project Number: 20162537

Sample Location	Sample I.D.	Sample Date	Sample Type	Sample Interval (feet)	Volatile Organic Compounds by EPA Test Method 8260B (µg/kg)																	
					1,2-Dibromo ethane (EDB)	1,2-Dichloro ethane	Acetone	Benzene	Chloroethane	Chloroform	Ethylbenzene	Methyl-tert-Butyl Ether (MTBE)	Methylene Chloride	Naphthalene	Tetrachloro ethene (PCE)	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene (TCE)	Trichlorofluoro methane	Vinyl chloride	Xylenes, Total	
ESL For Residential Land Use*					0.33	4.5	500	44	1,100	1,100	3,300	23	77	1,200	550	2,900	670	460	NE	32	2,300	
ESL For Resident Direct Exposure (Contact)**					0.33	4.5	500	44	1,100	1,100	3,300	23	77	1,200	550	2,900	670	460	NE	32	2,300	
ESL For Commercial/Industrial Worker Direct Exposure (Contact)***					530	2,200	590,000,000	3,700	170,000,000	5,700	24,000	190,000	49,000	15,000	2,600	4,900,000	590,000	8,300	NE	160	2,600,000	
RB-1	RB-1-0	11/16/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-1-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	RB-1-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RB-2	RB-2-0	11/16/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-2-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	RB-2-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RB-3	RB-3-0	11/16/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-3-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	RB-3-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RB-4	RB-4-0	11/16/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-4-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	RB-4-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RB-5	RB-5-0	11/16/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-5-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	RB-5-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RB-6	RB-6-0	11/16/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-6-0-D	11/17/2015	discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-6-1	11/16/2015	Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	RB-6-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RB-7	RB-7-0	11/17/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-7-0-D		Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-7-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-7-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-8	RB-8-0	11/17/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-8-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	RB-8-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-9	RB-9-0	11/17/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-9-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	RB-9-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-10	RB-10-0	11/17/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-10-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	RB-10-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-11	RB-11-0	11/17/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-11-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	RB-11-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-12	RB-12-0	11/17/2015	Discrete	0.0	ND(5.0)	ND(5.0)	ND(100)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	
	RB-12-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-12-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Explanations

mg/kg: Milligrams per kilogram (roughly parts per million)

ESL\* San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), For Residential Land Use, December 2013 Revision. Summary Table A: Shallow Soils Screening Levels Residential (<3M) Where groundwater is or is a potential source of drinking water.

ESL\*\* San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Table K-1, Residential Exposure Scenario, December 2013 Revision.

ESL\*\*\* San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Table K-2, Commercial/Industrial Worker Exposure Scenario, December 2013 Revision.

ND(RL): Not detected at or above laboratory reporting limit. Reporting Limit (RL) shown in parentheses.

NE: An ESL has not been developed for the listed constituent

NA: Not Analyzed for the listed constituent(s)

RL: Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration).

Table 2B  
Summary of Analytical Results - Retention Basin  
Fulkerth/99 PSI  
Turlock, CA  
Kleinfelder Project Number: 20162537

Sample Location	Sample I.D.	Sample Date	Sample Type	Sample Interval (feet)	Total Petroleum Hydrocarbons by GC/MS and EPA Test Method 8015M (mg/kg)		
					TPH-Gas	TPH-diesel	TPH-motor oil
ESL For Residential Land Use*					100	100	100
ESL For Resident Direct Exposure (Contact)**					770	240	10,000
ESL For Commercial/Industrial Worker Direct Exposure (Contact)***					4,000	1,100	10,000
RB-1	RB-1-0	11/16/2015	Discrete	0.0	ND(0.20)	ND(1.0)	15
	RB-1-1		Discrete	1.0	NA	NA	NA
	RB-1-2		Discrete	2.0	NA	NA	NA
RB-2	RB-2-0	11/16/2015	Discrete	0.0	ND(0.20)	ND(1.0)	13
	RB-2-1		Discrete	1.0	NA	NA	NA
	RB-2-2		Discrete	2.0	NA	NA	NA
RB-3	RB-3-0	11/16/2015	Discrete	0.0	ND(0.20)	ND(1.0)	31
	RB-3-1		Discrete	1.0	NA	NA	NA
	RB-3-2		Discrete	2.0	NA	NA	NA
RB-4	RB-4-0	11/16/2015	Discrete	0.0	ND(0.20)	ND(1.0)	11
	RB-4-1		Discrete	1.0	NA	NA	NA
	RB-4-2		Discrete	2.0	NA	NA	NA
RB-5	RB-5-0	11/16/2015	Discrete	0.0	ND(0.20)	ND(1.0)	19
	RB-5-1		Discrete	1.0	NA	NA	NA
	RB-5-2		Discrete	2.0	NA	NA	NA
RB-6	RB-6-0	11/16/2015	Discrete	0.0	ND(0.20)	ND(10)	110
	RB-6-0-D	11/17/2015	discrete	0.0	ND(0.20)	ND(10)	100
	RB-6-1	11/16/2015	Discrete	1.0	NA	NA	ND(1.0)
	RB-6-2		Discrete	2.0	NA	NA	ND(1.0)
RB-7	RB-7-0	11/17/2015	Discrete	0.0	ND(0.20)	3.9	54
	RB-7-0-D		Discrete	0.0	ND(0.20)	ND(1.0)	120
	RB-7-1		Discrete	1.0	NA	NA	ND(1.0)
	RB-7-2		Discrete	2.0	NA	NA	ND(1.0)
RB-8	RB-8-0	11/17/2015	Discrete	0.0	ND(0.20)	ND(2.0)	54
	RB-8-1		Discrete	1.0	NA	NA	NA
	RB-8-2		Discrete	2.0	NA	NA	NA
RB-9	RB-9-0	11/17/2015	Discrete	0.0	ND(0.20)	ND(1.0)	13
	RB-9-1		Discrete	1.0	NA	NA	NA
	RB-9-2		Discrete	2.0	NA	NA	NA
RB-10	RB-10-0	11/17/2015	Discrete	0.0	ND(0.20)	ND(10)	190
	RB-10-1		Discrete	1.0	NA	NA	ND(1.0)
	RB-10-2		Discrete	2.0	NA	NA	ND(1.0)
RB-11	RB-11-0	11/17/2015	Discrete	0.0	ND(0.20)	ND(1.0)	9.1
	RB-11-1		Discrete	1.0	NA	NA	NA
	RB-11-2		Discrete	2.0	NA	NA	NA
RB-12	RB-12-0	11/17/2015	Discrete	0.0	ND(0.20)	ND(10)	150
	RB-12-1		Discrete	1.0	NA	NA	ND(1.0)
	RB-12-2		Discrete	2.0	NA	NA	3.3

Explanations

mg/kg: Miligrams per kilogram (roughly parts per million)

ESL\* San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), For Residential Land Use, December 2013 Revision. Summary Table A: Shallow Soils Screening Levels Residential  
ESL\*\* San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Table K-1, Residential Exposure Scenario, December 2013 Revision.  
ESL\*\*\* San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Table K-2, Commercial/Industrial Worker Exposure Scenario, December 2013 Revision.

ND(RL): Not detected at or above laboratory reporting limit. Reporting Limit (RL) shown in parentheses.

NE: An ESL has not been developed for the listed constituent

NA: Not Analyzed for the listed constituent(s)

RL: Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration).  
J Flag - Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated J: value.

BOLD: Indicates that concentration was reported over the MDL (J Flag) or RL

BOLD shaded: Indicates that concentration exceeded ESL stated in Summary Table A (Final ESL)

Red: Indicates elevated laboratory reporting limit (RL)

Table 2C  
Summary of Analytical Results - Retention Basin  
Fulkerth/99 PSI  
Turlock, CA  
Kleinfelder Project Number: 20162537

Sample Location	Sample I.D.	Sample Date	Sample Type	Sample Interval (feet)	Organochlorine Pesticides by EPA Test Method 8081A (mg/kg)																			
					DDD	DDE	DDT	Aldrin	alpha-BHC	beta-BHC	Chlordane (Technical)	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Mirex	Toxaphene
ESL For Residential Land Use*					2.4	1.7	1.7	0.032	NE	NE	0.44	NE	0.0023	0.0046	NE	NE	0.00065	NE	NE	0.013	0.014	NE	NE	0.00042
ESL For Resident Direct Exposure (Contact)**					2.4	1.7	1.7	0.032	NE	NE	0.44	NE	0.034	470	NE	NE	23	NE	NE	0.13	0.061	NE	NE	0.46
ESL For Commercial/Industrial Worker Direct Exposure (Contact)***					10	7.0	7.0	0.13	NE	NE	1.7	NE	0.13	4,600	NE	NE	230	NE	NE	0.52	0.24	NE	NE	1.80
RB-1	RB-1-0	11/16/2015	Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-1-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-1-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-2	RB-2-0	11/16/2015	Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-2-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-2-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-3	RB-3-0	11/16/2015	Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-3-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-3-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-4	RB-4-0	11/16/2015	Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-4-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-4-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-5	RB-5-0	11/16/2015	Discrete	0.0	ND(0.017)	ND(0.017)	0.021	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-5-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-5-2		Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-6	RB-6-0	11/16/2015	Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-6-0-D	11/17/2015	Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-6-1	11/16/2015	Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-6-2	Discrete		2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RB-7	RB-7-0	11/17/2015	Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-7-0-D		Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-7-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-8	RB-7-2	11/17/2015	Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-8-0		Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-8-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-9	RB-8-2	11/17/2015	Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-9-0		Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-9-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-10	RB-9-2	11/17/2015	Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-10-0		Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-10-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-11	RB-10-2	11/17/2015	Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-11-0		Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-11-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-12	RB-11-2	11/17/2015	Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	RB-12-0		Discrete	0.0	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.017)	ND(0.0085)	ND(0.015)	ND(0.0085)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.085)	ND(0.017)	ND(0.100)
	RB-12-1		Discrete	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RB-12	RB-12-2	11/17/2015	Discrete	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Explanations

mg/kg: Milligrams per kilogram (roughly parts per million)

ESL\* San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), For Residential Land Use, December 2013 Revision. Summary Table A: Shallow Soils Screening Levels Residential (<3M) Where groundwater is or is a potential source of drinking water.

ESL\*\* San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Table K-1, Residential Exposure Scenario, December 2013 Revision.

ESL\*\*\* San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), Table K-2, Commercial/Industrial Worker Exposure Scenario, December 2013 Revision.

ND(RL): Not detected at or above laboratory reporting limit. Reporting Limit (RL) shown in parentheses.

NE: An ESL has not been developed for the listed constituent

RL: Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration).

## **APPENDIX A SAMPLE DATA SHEETS**

---





# SAMPLE DATA SHEET

Page

1/3

Project Name

Fulkam PSI

Project No.

20162537

Sampler Name/No.

C.R. WOODIE / 9099

Sample ID #	Date	Time	Container(s)	Sample Interval (feet)	PID (ppm)	Receiving Lab	Analysis	Matrix
RB-5-0	11-16-15	842	1-8 in jar	0-0.5	0	CLS	see Cal	soil
RB-5-1		847		1-1.5	0			
RB-5-2		851		2-2.5	0			
RB-6-0		902		0-0.5	0			
RB-6-1		906		1-1.5	0			
RB-6-2		910		2-2.5	0			
L-7-0		921		0-0.5	0			
L-7-1		925		1-1.5	0			
L-7-2		930		2-2.5	0			
RB-4-0		945		0-0.5	0			
RB-4-1		952		1-1.5	0			
RB-4-2		958		2-2.5	0			
L-4-0		1011		0-0.5	0			
L-4-1		1016		1-1.5	0			
L-4-2		1020		2-2.5	0			
RB-2-0		1038		0-0.5	0			
RB-2-1		1042		1-1.5	0			
RB-2-2		1047		2-2.5	0			
RB-1-0		1108		0-0.5	0			
RB-1-1		1112		1-1.5	0			
RB-1-2		1118		2-2.5	0			
L-2-0		1132		0-0.5	0			
L-2-1		1136		1-1.5	0			
L-2-2		1140		2-2.5	0			
L-6-0		1237		0-0.5	0			
L-6-1		1243		1-1.5	0			
L-6-2		1248		2-2.5	0			
RB-3-0		1309		0-0.5	0			
RB-3-1		1314		1-1.5	0			
RB-3-2		1318		2-2.5	0			
L-5-0		1350		0-0.5	0			
L-5-1		1353		1-1.5	0			
L-5-2		1356		2-2.5	0			

Fwy side

on-ramp

Fwy



# SAMPLE DATA SHEET

Page 2/3

Project Name

Fulkeston PSI

Project No.

206 2537

Sampler Name/No.

C. RIDGUE/9099

Sample ID #	Date	Time	Container(s)	Sample Interval (feet)	PID (ppm)	Receiving Lab	Analysis	Matrix
L-3-0	11-16-15	1417	1-8oz jar	0-0.5	0	CLS	see GC	Soil
L-3-1		1421		1-1.5	0			
L-3-2		1426		2-2.5	0			
L-1-0		1441		0-0.5	0			
L-1-1		1445		1-1.5	0			
L-1-2		1450		2-2.5	0			
L-9-0		1517		0-0.5	0			
L-9-1		1522		1-1.5	0			
L-9-2		1526		2-2.5	0			
L-8-0		1538		0-0.5	0			
L-8-1		1541		1-1.5	0			
L-8-2		1546		2-2.5	0			
L-16-0	11-17-15	835	1-8oz jar	as above	0			
L-16-1		838			0			
L-16-2		842			0			
RB-12-0		848			0			
RB-12-1		850			0			
RB-12-2		853			0			
L-14-0		903			0			
L-14-1		906			0			
L-14-2		908			0			
RB-10-0		919			0			
RB-10-1		923			0			
RB-10-2		926			0			
RB-8-0		938			0			
RB-8-1		941			0			
RB-8-2		944			0			
L-11-0		948			0			
L-11-1		951			0			
L-11-2		954			0			
RB-11-0		1033			0			
RB-11-1		1036			0			
RB-11-2		1039			0			

HP ramp

any

any

any



# SAMPLE DATA SHEET

Page

3/3

Project Name

Fulkerth PSI

Project No.

20162537

Sampler Name/No.

C. RIDGEB 19099

Sample ID #	Date	Time	Container(s)	Sample Interval (feet)	PID (ppm)	Receiving Lab	Analysis	Matrix
L-13-0	11-17-15	1048	1-8oz jar	0-0.5	0	CLS	see Col	soil
L-13-1		1052		1-1.5	0			
L-13-2		1055		2-2.5	0			
RB-9-0		1106		as above	0			
RB-9-1		1110			0			
RB-9-2		1114			0			
RB-7-0		1122			0			
RB-7-1		1125			0			
RB-7-2		1129			0			
L-18-0		1208			0			
L-18-1		1212			0			
L-18-2		1215			0			
L-17-0		1222			0			
L-17-1		1225			0			
L-17-2		1228			0			
L-15-0		1237			0			
L-15-1		1240			0			
L-15-2		1244			0			
L-15-0-D		1248		0-0.5	0			
L-12-0		1301		0-0.5	0			
L-12-0-D		1302		0-0.5	0			
L-12-1		1305		1-1.5	0			
L-12-1-D		1306		1-1.5	0			
L-12-2		1309		2-2.5	0			
L-12-2-D		1310		2-2.5	0			
L-10-0		1321		0-0.5	0			
L-10-0-D		1322		0-0.5	0			
L-10-1		1325		1-1.5	0			
L-10-1-D		1326		1-1.5	0			
L-10-2		1329		2-2.5	0			
L-10-2-D		1330		2-2.5	0			
RB-7-0-D		1345		0-0.5	0			
RB-6-0-D		1405		0-0.5	0			

**APPENDIX B**  
**ANALYTICAL LABORATORY REPORTS AND CHAIN-OF-CUSTODY FORMS**

---

# CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

November 25, 2015

**CLS Work Order #: CYK0859**

**COC #: 610572**

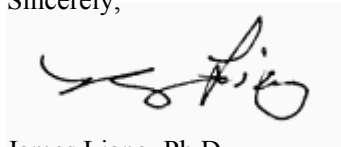
Mike VanDenEnden  
Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

**Project Name: Fulkerth/99 PSI**

Enclosed are the results of analyses for samples received by the laboratory on 11/18/15 12:45. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', is placed over a light gray rectangular background.

James Liang, Ph.D.  
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

# CALIFORNIA LABORATORY SERVICES

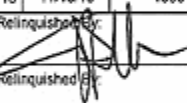
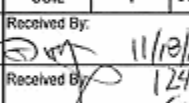
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11/25/15 14:39

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

Project No. 20162537 task 1				Project Name Fulkerth/99 PSI		No. of Containers	Type of Containers	Analysis										Receiving Lab:		
L.P. No. (PO No.)		Samplers: (Signature/Number)		Date MM/DD/YY	Sample I.D. Time HH-MM-SS			Sample I.D.	Matrix	TOTAL LEAD (EPA 6010)	pH (EPA 9040/9045)									CLS Labs 3249 Fitzgerald Rd Rancho Cordova CA 916-638-7301
C RIDDLE / #9099																				
1	11/16/15	1441	L-1-0	SOIL	1	8 OZ GLASS JAR	X	X										Please hold all unused portion of samples for possible STLC and TCLP analyses		
2	11/16/15	1445	L-1-1	SOIL	1	8 OZ GLASS JAR	X	X												
3	11/16/15	1450	L-1-2	SOIL	1	8 OZ GLASS JAR	X	X												
4	11/16/15	1132	L-2-0	SOIL	1	8 OZ GLASS JAR	X	X												
5	11/16/15	1136	L-2-1	SOIL	1	8 OZ GLASS JAR	X	X												
6	11/16/15	1140	L-2-2	SOIL	1	8 OZ GLASS JAR	X	X												
7	11/16/15	1417	L-3-0	SOIL	1	8 OZ GLASS JAR	X	X												
8	11/16/15	1421	L-3-1	SOIL	1	8 OZ GLASS JAR	X	X												
9	11/16/15	1426	L-3-2	SOIL	1	8 OZ GLASS JAR	X	X												
10	11/16/15	1011	L-4-0	SOIL	1	8 OZ GLASS JAR	X	X												
11	11/16/15	1016	L-4-1	SOIL	1	8 OZ GLASS JAR	X	X												
12	11/16/15	1020	L-4-2	SOIL	1	8 OZ GLASS JAR	X	X												
13	11/16/15	1350	L-5-0	SOIL	1	8 OZ GLASS JAR	X	X												
14	11/16/15	1353	L-5-1	SOIL	1	8 OZ GLASS JAR	X	X												
15	11/16/15	1356	L-5-2	SOIL	1	8 OZ GLASS JAR	X	X												
Relinquished By: 		Date/Time: 11-18-15 11245		Received By: 		Instructions/Remarks: Standard Turn Around Time												Send Results To: mwandenenden@kleinfelder.com criddle@kleinfelder.com		
Relinquished By:		Date/Time:		Received By:																
Relinquished By:		Date/Time:		Received By:																

ENV-02

## CHAIN-OF-CUSTODY

CA DOHS ELAP Accreditation/Registration Number 1233

**3249 Fitzgerald Road Rancho Cordova, CA 95742**

**www.californialab.com**

**916-638-7301**

**Fax: 916-638-4510**

# CALIFORNIA LABORATORY SERVICES

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11/25/15 14:39

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572



COC # 610572

CYK0859

Page 2 of 8

Project No. 20162537 task 1		Project Name Fulkerth/99 PSI		No. of Containers	Type of Containers	Analysis										Receiving Lab:	
L.P. No. (PO No.)		Samples: (Signature/Number) C RIDDLE / #9099				TOTAL LEAD (EPA 6010) pH (EPA 9040/9045)										CLS Labs 3249 Fitzgerald Rd Rancho Cordova CA 916-638-7301	
Date MM/DD/YY	Sample I.D. Time HH-MM-SS	Sample I.D.	Matrix												Instructions/Remarks  Please hold all unused portion of samples for possible STLC and TCLP analyses		
1	11/16/15	1237	L-6-0	SOIL	1	8 OZ GLASS JAR	X	X									
2	11/16/15	1243	L-6-1	SOIL	1	8 OZ GLASS JAR	X	X									
3	11/16/15	1248	L-6-2	SOIL	1	8 OZ GLASS JAR	X	X									
4	11/16/15	921	L-7-0	SOIL	1	8 OZ GLASS JAR	X	X									
5	11/16/15	925	L-7-1	SOIL	1	8 OZ GLASS JAR	X	X									
6	11/16/15	930	L-7-2	SOIL	1	8 OZ GLASS JAR	X	X									
7	11/16/15	1538	L-8-0	SOIL	1	8 OZ GLASS JAR	X	X									
8	11/16/15	1541	L-8-1	SOIL	1	8 OZ GLASS JAR	X	X									
9	11/16/15	1546	L-8-2	SOIL	1	8 OZ GLASS JAR	X	X									
10	11/16/15	1517	L-9-0	SOIL	1	8 OZ GLASS JAR	X	X									
11	11/16/15	1522	L-9-1	SOIL	1	8 OZ GLASS JAR	X	X									
12	11/16/15	1526	L-9-2	SOIL	1	8 OZ GLASS JAR	X	X									
13	11/17/15	1321	L-10-0	SOIL	1	8 OZ GLASS JAR	X	X									
14	11/17/15	1322	L-10-0-D	SOIL	1	8 OZ GLASS JAR	X	X									
15	11/17/15	1325	L-10-1	SOIL	1	8 OZ GLASS JAR	X	X									
Relinquished By:		Date/Time 11-18-15 1245		Received By:		Instructions/Remarks Standard Turn Around Time										Send Results To: mvandenenden@kleinfelder.com criddle@kleinfelder.com	
Relinquished By:		Date/Time		Received By:													
Relinquished By:		Date/Time		Received By:													

ENV-02

CHAIN-OF-CUSTODY



# CALIFORNIA LABORATORY SERVICES

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11/25/15 14:39

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572



COC # 610572

Page 3 of 8

CYK0859

Project No. 20162537 task 1		Project Name Fulkerth/99 PSI				Analysis		Receiving Lab: CLS Labs 3249 Fitzgerald Rd Rancho Cordova CA 916-638-7301	
L.P. No. (PO No.)		Samplers: (Signature/Number) C RIDDLE / #9099		No. of Containers		Type of Containers		Instructions/Remarks  Please hold all unused portion of samples for possible STLC and TCLP analyses	
Date MM/DD/YY	Sample I.D. Time HH-MM-SS	Sample I.D.	Matrix			TOTAL LEAD (EPA 6010)	pH (EPA 9040/9045)		
1	11/17/15	1326	L-10-1-D	SOIL	1	8 OZ GLASS JAR	X X		
2	11/17/15	1329	L-10-2	SOIL	1	8 OZ GLASS JAR	X X		
3	11/17/15	1330	L-10-2-D	SOIL	1	8 OZ GLASS JAR	X X		
4	11/17/15	948	L-11-0	SOIL	1	8 OZ GLASS JAR	X X		
5	11/17/15	951	L-11-1	SOIL	1	8 OZ GLASS JAR	X X		
6	11/17/15	954	L-11-2	SOIL	1	8 OZ GLASS JAR	X X		
7	11/17/15	1301	L-12-0	SOIL	1	8 OZ GLASS JAR	X X		
8	11/17/15	1302	L-12-0-D	SOIL	1	8 OZ GLASS JAR	X X		
9	11/17/15	1305	L-12-1	SOIL	1	8 OZ GLASS JAR	X X		
10	11/17/15	1306	L-12-1-D	SOIL	1	8 OZ GLASS JAR	X X		
11	11/17/15	1309	L-12-2	SOIL	1	8 OZ GLASS JAR	X X		
12	11/17/15	1310	L-12-2-D	SOIL	1	8 OZ GLASS JAR	X X		
13	11/17/15	1048	L-13-0	SOIL	1	8 OZ GLASS JAR	X X		
14	11/17/15	1052	L-13-1	SOIL	1	8 OZ GLASS JAR	X X		
15	11/17/15	1055	L-13-2	SOIL	1	8 OZ GLASS JAR	X X		
Relinquished By:		Date/Time 11-18-15 1245		Received By:		Date/Time 11-18-15		Instructions/Remarks Standard Turn Around Time	
Relinquished By:		Date/Time		Received By:		Date/Time 12-4-15 (412)		Send Results To: mvandenenden@kleinfelder.com criddle@kleinfelder.com	
Relinquished By:		Date/Time		Received By:					

ENV-02

CHAIN-OF-CUSTODY



# CALIFORNIA LABORATORY SERVICES

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11/25/15 14:39

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572



COC # 610572

CYK0859

Page 4 of 8

Project No. 20162537 task 1		Project Name Fulkerth/99 PSI						Analysis		Receiving Lab:	
L.P. No. (PO No.)		Samplers: (Signature/Number) C RIDDLE / #9099		No. of Containers		Type of Containers		TOTAL LEAD (EPA 6010) PH (EPA 9040/9045)		CLS Labs 3249 Fitzgerald Rd Rancho Cordova CA 916-638-7301	
Date MM/DD/YY	Sample I.D. Time HH-MM-SS	Sample I.D.	Matrix							Instructions/Remarks  Please hold all unused portion of samples for possible STLC and TCLP analyses	
1	11/17/15	903	L-14-0	SOIL	1	8 OZ GLASS JAR	X	X			
2	11/17/15	906	L-14-1	SOIL	1	8 OZ GLASS JAR	X	X			
3	11/17/15	908	L-14-2	SOIL	1	8 OZ GLASS JAR	X	X			
4	11/17/15	1237	L-15-0	SOIL	1	8 OZ GLASS JAR	X	X			
5	11/17/15	1240	L-15-1	SOIL	1	8 OZ GLASS JAR	X	X			
6	11/17/15	1244	L-15-2	SOIL	1	8 OZ GLASS JAR	X	X			
7	11/17/15	1248	L-15-0-D	SOIL	1	8 OZ GLASS JAR	X	X			
8	11/17/15	835	L-16-0	SOIL	1	8 OZ GLASS JAR	X	X			
9	11/17/15	838	L-16-1	SOIL	1	8 OZ GLASS JAR	X	X			
10	11/17/15	842	L-16-2	SOIL	1	8 OZ GLASS JAR	X	X			
11	11/17/15	1222	L-17-0	SOIL	1	8 OZ GLASS JAR	X	X			
12	11/17/15	1225	L-17-1	SOIL	1	8 OZ GLASS JAR	X	X			
13	11/17/15	1228	L-17-2	SOIL	1	8 OZ GLASS JAR	X	X			
14	11/17/15	1208	L-18-0	SOIL	1	8 OZ GLASS JAR	X	X			
15	11/17/15	1212	L-18-1	SOIL	1	8 OZ GLASS JAR	X	X			
Relinquished By:		Date/Time 11-18-15/1245		Received By:		Date/Time 11-18-15		Instructions/Remarks Standard Turn Around Time		Send Results To: mvandenenden@kleinfelder.com criddle@kleinfelder.com	
Relinquished By:		Date/Time		Received By:		Date/Time 1245 (42)					
Relinquished By:		Date/Time		Received By:							

ENV-02

CHAIN-OF-CUSTODY

# CALIFORNIA LABORATORY SERVICES

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11/25/15 14:39

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572



COC # 610572

CYK0859

Page 5 of 8

Project No. 20162537 task 1		Project Name Fulkerth/99 PSI						Analysis		Receiving Lab:	
L.P. No. (PO No.)		Samplers: (Signature/Number) C RIDDLE / #9099		No. of Containers		Type of Containers				CLS Labs 3249 Fitzgerald Rd Rancho Cordova CA 916-638-7301	
Date MM/DD/YY	Sample I.D. Time HH-MM-SS	Sample I.D.	Matrix			TOTAL LEAD (EPA 6010)	pH (EPA 9040/9045)				Instructions/Remarks
1	11/17/15	1215	L-18-2	SOIL	1	8 OZ GLASS JAR	X	X			Please hold all unused portion of samples for possible STLC and TCLP analyses
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
Relinquished By:		Date/Time 11-18-15 1245		Received By:		Date/Time 11-18-15 1245 (4:2)		Instructions/Remarks Standard Turn Around Time		Send Results To: mvandenenden@kleinfelder.com criddle@kleinfelder.com	
Relinquished By:		Date/Time		Received By:		Date/Time					
Relinquished By:		Date/Time		Received By:		Date/Time					

ENV-02

CHAIN-OF-CUSTODY

# CALIFORNIA LABORATORY SERVICES

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11/25/15 14:39

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572



COC # 610572

Page 6 of 8

CYK0859

Project No. 20162537 task 1		Project Name Fulkerth/99 PSI				Analysis										Receiving Lab:	
L.P. No. (PO No.)		Samplers: (Signature/Number)														Instructions/Remarks	
C RIDDLE / #9099																	
Date MM/DD/YY	Sample I.D. Time HH-MM-SS	Sample I.D.	Matrix	No. of Containers	Type of Containers	TPH- diesel, motor oil (EPA 8015)	VOCs, TPH-gas (EPA 8260B)	OCs (EPA 8081)	HOLD PENDING FURTHER INSTRUCTION								
1	11/16/15	1108	RB-1-0	SOIL	1	8 OZ GLASS JAR	X	X	X								
2	11/16/15	1112	RB-1-1	SOIL	1	8 OZ GLASS JAR				X							
3	11/16/15	1132	RB-1-2	SOIL	1	8 OZ GLASS JAR				X							
4	11/16/15	1038	RB-2-0	SOIL	1	8 OZ GLASS JAR	X	X	X								
5	11/16/15	1042	RB-2-1	SOIL	1	8 OZ GLASS JAR				X							
6	11/16/15	1047	RB-2-2	SOIL	1	8 OZ GLASS JAR				X							
7	11/16/15	1309	RB-3-0	SOIL	1	8 OZ GLASS JAR	X	X	X								
8	11/16/15	1314	RB-3-1	SOIL	1	8 OZ GLASS JAR				X							
9	11/16/15	1318	RB-3-2	SOIL	1	8 OZ GLASS JAR				X							
10	11/16/15	945	RB-4-0	SOIL	1	8 OZ GLASS JAR	X	X	X								
11	11/16/15	952	RB-4-1	SOIL	1	8 OZ GLASS JAR				X							
12	11/16/15	958	RB-4-2	SOIL	1	8 OZ GLASS JAR				X							
13	11/16/15	842	RB-5-0	SOIL	1	8 OZ GLASS JAR	X	X	X								
14	11/16/15	847	RB-5-1	SOIL	1	8 OZ GLASS JAR				X							
15	11/16/15	851	RB-5-2	SOIL	1	8 OZ GLASS JAR				X							

Relinquished By:	Date/Time	Received By:	Instructions/Remarks	Send Results To:
	11-18-15 1245		Standard Turn Around Time	mvandenenden@kleinfelder.com
Relinquished By:	Date/Time	Received By:		criddle@kleinfelder.com
Relinquished By:	Date/Time	Received By:		

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# CALIFORNIA LABORATORY SERVICES

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572



COC # 610572

CYK0859

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Project No. 20162537 task 1		Project Name Fulkerth/99 PSI						Analysis										Receiving Lab:	
L.P. No. (PO No.)		Samplers: (Signature/Number)																Instructions/Remarks	
C RIDDLE / #9099				No. of Containers		Type of Containers													
Date MM/DD/YY	Sample I.D. Time HH-MM-SS	Sample I.D.	Matrix					TPH: diesel, motor oil (EPA 8015)	VOCs, TPH-gas (EPA 8260B)	OCPs (EPA 8081)	HOLD PENDING FURTHER INSTRUCTION								
1	11/16/15	902	RB-6-0	SOIL	1	8 OZ GLASS JAR		X	X	X									
2	11/17/15	1405	RB-6-0-D	SOIL	1	8 OZ GLASS JAR		X	X	X									
3	11/16/15	905	RB-6-1	SOIL	1	8 OZ GLASS JAR						X							
4	11/16/15	910	RB-6-2	SOIL	1	8 OZ GLASS JAR						X							
5	11/17/15	1122	RB-7-0	SOIL	1	8 OZ GLASS JAR		X	X	X									
6	11/17/15	1345	RB-7-0-D	SOIL	1	8 OZ GLASS JAR		X	X	X									
7	11/17/15	1125	RB-7-1	SOIL	1	8 OZ GLASS JAR						X							
8	11/17/15	1129	RB-7-2	SOIL	1	8 OZ GLASS JAR						X							
9	11/17/15	938	RB-8-0	SOIL	1	8 OZ GLASS JAR		X	X	X									
10	11/17/15	941	RB-8-1	SOIL	1	8 OZ GLASS JAR						X							
11	11/17/15	944	RB-8-2	SOIL	1	8 OZ GLASS JAR						X							
12	11/17/15	1106	RB-9-0	SOIL	1	8 OZ GLASS JAR		X	X	X									
13	11/17/15	1110	RB-9-1	SOIL	1	8 OZ GLASS JAR						X							
14	11/17/15	1114	RB-9-2	SOIL	1	8 OZ GLASS JAR						X							
15	11/17/15	919	RB-10-0	SOIL	1	8 OZ GLASS JAR		X	X	X									
Relinquished By:		Date/Time: 11-18-15/1245		Received By:		Date/Time: 11-18-15/1245		Instructions/Remarks: Standard Turn Around Time										Send Results To: <a href="mailto:mrvandenenden@kleinfelder.com">mrvandenenden@kleinfelder.com</a> <a href="mailto:criddle@kleinfelder.com">criddle@kleinfelder.com</a>	
Relinquished By:		Date/Time:		Received By:		Date/Time:													
Relinquished By:		Date/Time:		Received By:		Date/Time:													

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# CALIFORNIA LABORATORY SERVICES

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572



COC # 610572

CYK0859

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Project No. 20162537 task 1		Project Name Fulkerth/99 PSI						Analysis		Receiving Lab:	
L.P. No. (PO No.)		Samplers: (Signature/Number) C RIDDLE / #9099		No. of Containers		Type of Containers				CLS Labs 3249 Fitzgerald Rd Rancho Cordova CA 916-638-7301	
Date MM/DD/YY	Sample I.D. Time HH-MM-SS	Sample I.D.	Matrix			TPH- diesel, motor oil (EPA 8015)	VOCs, TPH-gas (EPA 8260B)	OCPs (EPA 8081)	HOLD PENDING FURTHER INSTRUCTION		Instructions/Remarks
1	11/17/15	923	RB-10-1	SOIL	1	8 OZ GLASS JAR			X		
2	11/17/15	926	RB-10-2	SOIL	1	8 OZ GLASS JAR			X		
3	11/17/15	1033	RB-11-0	SOIL	1	8 OZ GLASS JAR	X	X	X		
4	11/17/15	1036	RB-11-1	SOIL	1	8 OZ GLASS JAR			X		
5	11/17/15	1039	RB-11-2	SOIL	1	8 OZ GLASS JAR			X		
6	11/17/15	848	RB-12-0	SOIL	1	8 OZ GLASS JAR	X	X	X		
7	11/17/15	850	RB-12-1	SOIL	1	8 OZ GLASS JAR			X		
8	11/17/15	853	RB-12-2	SOIL	1	8 OZ GLASS JAR			X		
9											
10											
11											
12											
13											
14											
15											
Relinquished By: <i>[Signature]</i>		Date/Time 11-18-15 / 1245		Received By: <i>[Signature]</i>		Date/Time 11-18-15		Instructions/Remarks Standard Turn Around Time		Send Results To: mvandenenden@kleinfelder.com criddle@kleinfelder.com	
Relinquished By:		Date/Time		Received By:		Date/Time 12/5 (4.2)					
Relinquished By:		Date/Time		Received By:							

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# CALIFORNIA LABORATORY SERVICES

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-1-0 (CYK0859-01) Soil Sampled: 11/16/15 14:41 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.08</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-1-1 (CYK0859-02) Soil Sampled: 11/16/15 14:45 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.35</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-1-2 (CYK0859-03) Soil Sampled: 11/16/15 14:50 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.10</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-2-0 (CYK0859-04) Soil Sampled: 11/16/15 11:32 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.83</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-2-1 (CYK0859-05) Soil Sampled: 11/16/15 11:36 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.73</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-2-2 (CYK0859-06) Soil Sampled: 11/16/15 11:40 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.77</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-3-0 (CYK0859-07) Soil Sampled: 11/16/15 14:17 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.58</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-3-1 (CYK0859-08) Soil Sampled: 11/16/15 14:21 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.01</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-3-2 (CYK0859-09) Soil Sampled: 11/16/15 14:26 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.90</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-4-0 (CYK0859-10) Soil Sampled: 11/16/15 10:11 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.07</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-4-1 (CYK0859-11) Soil Sampled: 11/16/15 10:16 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>5.98</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-4-2 (CYK0859-12) Soil Sampled: 11/16/15 10:20 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.67</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-5-0 (CYK0859-13) Soil Sampled: 11/16/15 13:50 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.85</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-5-1 (CYK0859-14) Soil Sampled: 11/16/15 13:53 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.51</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-5-2 (CYK0859-15) Soil Sampled: 11/16/15 13:56 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.69</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-6-0 (CYK0859-16) Soil Sampled: 11/16/15 12:37 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.57</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-6-1 (CYK0859-17) Soil Sampled: 11/16/15 12:43 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.85</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-6-2 (CYK0859-18) Soil Sampled: 11/16/15 12:48 Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.21</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-7-0 (CYK0859-19) Soil    Sampled: 11/16/15 09:21    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.73</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-7-1 (CYK0859-20) Soil    Sampled: 11/16/15 09:25    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.59</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-7-2 (CYK0859-21) Soil    Sampled: 11/16/15 09:30    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.61</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-8-0 (CYK0859-22) Soil    Sampled: 11/16/15 15:38    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.53</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-8-1 (CYK0859-23) Soil    Sampled: 11/16/15 15:41    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.82</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-8-2 (CYK0859-24) Soil    Sampled: 11/16/15 15:46    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.36</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-9-0 (CYK0859-25) Soil    Sampled: 11/16/15 15:17    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.95</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-9-1 (CYK0859-26) Soil    Sampled: 11/16/15 15:22    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.73</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-9-2 (CYK0859-27) Soil    Sampled: 11/16/15 15:26    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.91</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-10-0 (CYK0859-28) Soil    Sampled: 11/17/15 13:21    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.83</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-10-0-D (CYK0859-29) Soil    Sampled: 11/17/15 13:22    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.81</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-10-1 (CYK0859-30) Soil    Sampled: 11/17/15 13:25    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>5.91</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-10-1-D (CYK0859-31) Soil    Sampled: 11/17/15 13:26    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.70</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-10-2 (CYK0859-32) Soil    Sampled: 11/17/15 13:29    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.99</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-10-2-D (CYK0859-33) Soil    Sampled: 11/17/15 13:30    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.04</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-11-0 (CYK0859-34) Soil    Sampled: 11/17/15 09:48    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.86</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-11-1 (CYK0859-35) Soil    Sampled: 11/17/15 09:51    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.00</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-12-1 (CYK0859-36) Soil    Sampled: 11/17/15 13:05    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.48</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-12-1-D (CYK0859-37) Soil    Sampled: 11/17/15 13:06    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.44</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-12-2 (CYK0859-38) Soil    Sampled: 11/17/15 13:09    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.33</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-12-2-D (CYK0859-39) Soil    Sampled: 11/17/15 13:10    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.19</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-13-0 (CYK0859-40) Soil    Sampled: 11/17/15 10:48    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.93</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-13-1 (CYK0859-41) Soil    Sampled: 11/17/15 10:52    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.28</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-13-2 (CYK0859-42) Soil    Sampled: 11/17/15 10:55    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.06</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-14-0 (CYK0859-43) Soil    Sampled: 11/17/15 09:03    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.19</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-14-1 (CYK0859-44) Soil    Sampled: 11/17/15 09:06    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.59</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-14-2 (CYK0859-45) Soil    Sampled: 11/17/15 09:08    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.79</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-15-0 (CYK0859-46) Soil    Sampled: 11/17/15 12:37    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.34</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-15-1 (CYK0859-47) Soil    Sampled: 11/17/15 12:40    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.80</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-15-2 (CYK0859-48) Soil    Sampled: 11/17/15 12:44    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.96</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-15-0-D (CYK0859-49) Soil    Sampled: 11/17/15 12:48    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.73</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-16-0 (CYK0859-50) Soil    Sampled: 11/17/15 08:35    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>6.60</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-16-1 (CYK0859-51) Soil    Sampled: 11/17/15 08:38    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.86</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-16-2 (CYK0859-52) Soil    Sampled: 11/17/15 08:42    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.59</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-17-0 (CYK0859-53) Soil    Sampled: 11/17/15 12:22    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.09</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-17-1 (CYK0859-54) Soil    Sampled: 11/17/15 12:25    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.98</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-17-2 (CYK0859-55) Soil    Sampled: 11/17/15 12:28    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.07</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-18-0 (CYK0859-56) Soil    Sampled: 11/17/15 12:08    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.62</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-18-1 (CYK0859-57) Soil    Sampled: 11/17/15 12:12    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.02</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-18-2 (CYK0859-58) Soil    Sampled: 11/17/15 12:15    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.20</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-11-2 (CYK0859-59) Soil    Sampled: 11/17/15 09:54    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>7.90</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-12-0 (CYK0859-60) Soil    Sampled: 11/17/15 13:01    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.57</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	
<b>L-12-0-D (CYK0859-61) Soil    Sampled: 11/17/15 13:02    Received: 11/18/15 12:45</b>									
<b>pH</b>	<b>8.55</b>	1.00	pH Units	1	CY08100	11/19/15	11/19/15	EPA 9045C	

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Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-1-0 (CYK0859-62) Soil    Sampled: 11/16/15 11:08    Received: 11/18/15 12:45</b>									
Diesel	ND	1.0	mg/kg	1	CY08079	11/19/15	11/20/15	EPA 8015M	
<b>Motor Oil</b>	<b>15</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: o-Terphenyl</i>									
		118 %	65-135		"	"	"	"	
<b>RB-2-0 (CYK0859-65) Soil    Sampled: 11/16/15 10:38    Received: 11/18/15 12:45</b>									
Diesel	ND	1.0	mg/kg	1	CY08079	11/19/15	11/20/15	EPA 8015M	
<b>Motor Oil</b>	<b>13</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: o-Terphenyl</i>									
		107 %	65-135		"	"	"	"	
<b>RB-3-0 (CYK0859-68) Soil    Sampled: 11/16/15 13:09    Received: 11/18/15 12:45</b>									
Diesel	ND	1.0	mg/kg	1	CY08079	11/19/15	11/20/15	EPA 8015M	
<b>Motor Oil</b>	<b>31</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: o-Terphenyl</i>									
		118 %	65-135		"	"	"	"	
<b>RB-4-0 (CYK0859-71) Soil    Sampled: 11/16/15 09:45    Received: 11/18/15 12:45</b>									
Diesel	ND	1.0	mg/kg	1	CY08079	11/19/15	11/20/15	EPA 8015M	
<b>Motor Oil</b>	<b>11</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: o-Terphenyl</i>									
		115 %	65-135		"	"	"	"	
<b>RB-5-0 (CYK0859-74) Soil    Sampled: 11/16/15 08:42    Received: 11/18/15 12:45</b>									
Diesel	ND	1.0	mg/kg	1	CY08079	11/19/15	11/20/15	EPA 8015M	
<b>Motor Oil</b>	<b>19</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: o-Terphenyl</i>									
		131 %	65-135		"	"	"	"	
<b>RB-6-0 (CYK0859-77) Soil    Sampled: 11/16/15 09:02    Received: 11/18/15 12:45</b>									
Diesel	ND	10	mg/kg	10	CY08079	11/19/15	11/20/15	EPA 8015M	
<b>Motor Oil</b>	<b>110</b>	10	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-6-0 (CYK0859-77) Soil Sampled: 11/16/15 09:02 Received: 11/18/15 12:45</b>									
Surrogate: o-Terphenyl		%	65-135		CY08079	"	11/20/15	EPA 8015M	QS-I
<b>RB-6-0-D (CYK0859-78) Soil Sampled: 11/17/15 14:05 Received: 11/18/15 12:45</b>									
Diesel	ND	10	mg/kg	10	CY08079	11/19/15	11/20/15	EPA 8015M	
Motor Oil	100	10	"	"	"	"	"	"	
Surrogate: o-Terphenyl		%	65-135		"	"	"	"	QS-I
<b>RB-7-0 (CYK0859-81) Soil Sampled: 11/17/15 11:22 Received: 11/18/15 12:45</b>									
Diesel	3.9	1.0	mg/kg	1	CY08079	11/19/15	11/20/15	EPA 8015M	
Motor Oil	54	1.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		117 %	65-135		"	"	"	"	
<b>RB-7-0-D (CYK0859-82) Soil Sampled: 11/17/15 13:45 Received: 11/18/15 12:45</b>									
Diesel	ND	10	mg/kg	10	CY08079	11/19/15	11/20/15	EPA 8015M	
Motor Oil	120	10	"	"	"	"	"	"	
Surrogate: o-Terphenyl		%	65-135		"	"	"	"	QS-I
<b>RB-8-0 (CYK0859-85) Soil Sampled: 11/17/15 09:38 Received: 11/18/15 12:45</b>									
Diesel	ND	2.0	mg/kg	2	CY08079	11/19/15	11/20/15	EPA 8015M	
Motor Oil	54	2.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		122 %	65-135		"	"	"	"	
<b>RB-9-0 (CYK0859-88) Soil Sampled: 11/17/15 11:06 Received: 11/18/15 12:45</b>									
Diesel	ND	1.0	mg/kg	1	CY08079	11/19/15	11/20/15	EPA 8015M	
Motor Oil	13	1.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		121 %	65-135		"	"	"	"	

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Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-10-0 (CYK0859-91) Soil</b> Sampled: 11/17/15 09:19 Received: 11/18/15 12:45									
Diesel	ND	10	mg/kg	10	CY08079	11/19/15	11/20/15	EPA 8015M	
<b>Motor Oil</b>	<b>190</b>	10	"	"	"	"	"	"	
<i>Surrogate: o-Terphenyl</i>									
		%	65-135		"	"	"	"	QS-I
<b>RB-11-0 (CYK0859-94) Soil</b> Sampled: 11/17/15 10:33 Received: 11/18/15 12:45									
Diesel	ND	1.0	mg/kg	1	CY08079	11/19/15	11/20/15	EPA 8015M	
<b>Motor Oil</b>	<b>9.1</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: o-Terphenyl</i>									
		135 %	65-135		"	"	"	"	
<b>RB-12-0 (CYK0859-97) Soil</b> Sampled: 11/17/15 08:48 Received: 11/18/15 12:45									
Diesel	ND	10	mg/kg	10	CY08079	11/19/15	11/20/15	EPA 8015M	
<b>Motor Oil</b>	<b>150</b>	10	"	"	"	"	"	"	
<i>Surrogate: o-Terphenyl</i>									
		%	65-135		"	"	"	"	QS-I

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Project: Fulkerth/99 PSI  
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**CLS Work Order #: CYK0859**  
COC #: 610572

## Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-1-0 (CYK0859-01) Soil    Sampled: 11/16/15 14:41    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>16</b>	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	<b>A-COM</b>
<b>L-1-1 (CYK0859-02) Soil    Sampled: 11/16/15 14:45    Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-1-2 (CYK0859-03) Soil    Sampled: 11/16/15 14:50    Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-2-0 (CYK0859-04) Soil    Sampled: 11/16/15 11:32    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>12</b>	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-2-1 (CYK0859-05) Soil    Sampled: 11/16/15 11:36    Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-2-2 (CYK0859-06) Soil    Sampled: 11/16/15 11:40    Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-3-0 (CYK0859-07) Soil    Sampled: 11/16/15 14:17    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>7.8</b>	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-3-1 (CYK0859-08) Soil    Sampled: 11/16/15 14:21    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>3.3</b>	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-3-2 (CYK0859-09) Soil    Sampled: 11/16/15 14:26    Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	



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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-4-0 (CYK0859-10) Soil Sampled: 11/16/15 10:11 Received: 11/18/15 12:45</b>									
Lead	180	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-4-1 (CYK0859-11) Soil Sampled: 11/16/15 10:16 Received: 11/18/15 12:45</b>									
Lead	43	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-4-2 (CYK0859-12) Soil Sampled: 11/16/15 10:20 Received: 11/18/15 12:45</b>									
Lead	2.6	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-5-0 (CYK0859-13) Soil Sampled: 11/16/15 13:50 Received: 11/18/15 12:45</b>									
Lead	14	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-5-1 (CYK0859-14) Soil Sampled: 11/16/15 13:53 Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-5-2 (CYK0859-15) Soil Sampled: 11/16/15 13:56 Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-6-0 (CYK0859-16) Soil Sampled: 11/16/15 12:37 Received: 11/18/15 12:45</b>									
Lead	69	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-6-1 (CYK0859-17) Soil Sampled: 11/16/15 12:43 Received: 11/18/15 12:45</b>									
Lead	2.6	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-6-2 (CYK0859-18) Soil Sampled: 11/16/15 12:48 Received: 11/18/15 12:45</b>									
Lead	3.5	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-7-0 (CYK0859-19) Soil Sampled: 11/16/15 09:21 Received: 11/18/15 12:45</b>									
Lead	39	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-7-1 (CYK0859-20) Soil Sampled: 11/16/15 09:25 Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08065	11/19/15	11/19/15	EPA 6010B	
<b>L-7-2 (CYK0859-21) Soil Sampled: 11/16/15 09:30 Received: 11/18/15 12:45</b>									
Lead	3.9	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-8-0 (CYK0859-22) Soil Sampled: 11/16/15 15:38 Received: 11/18/15 12:45</b>									
Lead	11	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-8-1 (CYK0859-23) Soil Sampled: 11/16/15 15:41 Received: 11/18/15 12:45</b>									
Lead	11	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-8-2 (CYK0859-24) Soil Sampled: 11/16/15 15:46 Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-9-0 (CYK0859-25) Soil Sampled: 11/16/15 15:17 Received: 11/18/15 12:45</b>									
Lead	15	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-9-1 (CYK0859-26) Soil Sampled: 11/16/15 15:22 Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-9-2 (CYK0859-27) Soil Sampled: 11/16/15 15:26 Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	

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Kleinfelder (Sacramento)  
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Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-10-0 (CYK0859-28) Soil    Sampled: 11/17/15 13:21    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>42</b>	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-10-0-D (CYK0859-29) Soil    Sampled: 11/17/15 13:22    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>14</b>	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-10-1 (CYK0859-30) Soil    Sampled: 11/17/15 13:25    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>3.4</b>	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-10-1-D (CYK0859-31) Soil    Sampled: 11/17/15 13:26    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>3.1</b>	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-10-2 (CYK0859-32) Soil    Sampled: 11/17/15 13:29    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>ND</b>	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-10-2-D (CYK0859-33) Soil    Sampled: 11/17/15 13:30    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>ND</b>	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-11-0 (CYK0859-34) Soil    Sampled: 11/17/15 09:48    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>14</b>	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-11-1 (CYK0859-35) Soil    Sampled: 11/17/15 09:51    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>ND</b>	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-12-1 (CYK0859-36) Soil    Sampled: 11/17/15 13:05    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>2.5</b>	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-12-1-D (CYK0859-37) Soil    Sampled: 11/17/15 13:06    Received: 11/18/15 12:45</b>									
Lead	ND	5.0	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-12-2 (CYK0859-38) Soil    Sampled: 11/17/15 13:09    Received: 11/18/15 12:45</b>									
Lead	3.0	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-12-2-D (CYK0859-39) Soil    Sampled: 11/17/15 13:10    Received: 11/18/15 12:45</b>									
Lead	3.2	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-13-0 (CYK0859-40) Soil    Sampled: 11/17/15 10:48    Received: 11/18/15 12:45</b>									
Lead	26	2.5	mg/kg	10	CY08066	11/19/15	11/19/15	EPA 6010B	
<b>L-13-1 (CYK0859-41) Soil    Sampled: 11/17/15 10:52    Received: 11/18/15 12:45</b>									
Lead	3.0	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-13-2 (CYK0859-42) Soil    Sampled: 11/17/15 10:55    Received: 11/18/15 12:45</b>									
Lead	4.0	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-14-0 (CYK0859-43) Soil    Sampled: 11/17/15 09:03    Received: 11/18/15 12:45</b>									
Lead	42	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-14-1 (CYK0859-44) Soil    Sampled: 11/17/15 09:06    Received: 11/18/15 12:45</b>									
Lead	7.7	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-14-2 (CYK0859-45) Soil    Sampled: 11/17/15 09:08    Received: 11/18/15 12:45</b>									
Lead	10	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-15-0 (CYK0859-46) Soil    Sampled: 11/17/15 12:37    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>28</b>	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-15-1 (CYK0859-47) Soil    Sampled: 11/17/15 12:40    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>5.0</b>	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-15-2 (CYK0859-48) Soil    Sampled: 11/17/15 12:44    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>4.5</b>	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-15-0-D (CYK0859-49) Soil    Sampled: 11/17/15 12:48    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>19</b>	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-16-0 (CYK0859-50) Soil    Sampled: 11/17/15 08:35    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>200</b>	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-16-1 (CYK0859-51) Soil    Sampled: 11/17/15 08:38    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>6.9</b>	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-16-2 (CYK0859-52) Soil    Sampled: 11/17/15 08:42    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>12</b>	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-17-0 (CYK0859-53) Soil    Sampled: 11/17/15 12:22    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>12</b>	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-17-1 (CYK0859-54) Soil    Sampled: 11/17/15 12:25    Received: 11/18/15 12:45</b>									
<b>Lead</b>	<b>5.0</b>	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-17-2 (CYK0859-55) Soil    Sampled: 11/17/15 12:28    Received: 11/18/15 12:45</b>									
Lead	5.7	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-18-0 (CYK0859-56) Soil    Sampled: 11/17/15 12:08    Received: 11/18/15 12:45</b>									
Lead	20	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-18-1 (CYK0859-57) Soil    Sampled: 11/17/15 12:12    Received: 11/18/15 12:45</b>									
Lead	16	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-18-2 (CYK0859-58) Soil    Sampled: 11/17/15 12:15    Received: 11/18/15 12:45</b>									
Lead	9.7	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-11-2 (CYK0859-59) Soil    Sampled: 11/17/15 09:54    Received: 11/18/15 12:45</b>									
Lead	ND	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-12-0 (CYK0859-60) Soil    Sampled: 11/17/15 13:01    Received: 11/18/15 12:45</b>									
Lead	7.5	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	
<b>L-12-0-D (CYK0859-61) Soil    Sampled: 11/17/15 13:02    Received: 11/18/15 12:45</b>									
Lead	3.8	2.5	mg/kg	10	CY08070	11/19/15	11/20/15	EPA 6010B	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-1-0 (CYK0859-62) Soil    Sampled: 11/16/15 11:08    Received: 11/18/15 12:45</b>									<b>QRL-8</b>
4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

53 %

52-141

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Surrogate: Tetrachloro-meta-xylene

72 %

46-139

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**RB-2-0 (CYK0859-65) Soil    Sampled: 11/16/15 10:38    Received: 11/18/15 12:45**

**QRL-8**

4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-2-0 (CYK0859-65) Soil    Sampled: 11/16/15 10:38    Received: 11/18/15 12:45</b>									
<b>QRL-8</b>									
Chlordane-technical	ND	17	µg/kg	5	CY08084	"	11/21/15	EPA 8081A	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

85 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

89 %

46-139

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**RB-3-0 (CYK0859-68) Soil    Sampled: 11/16/15 13:09    Received: 11/18/15 12:45**

**QRL-8**

4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	



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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-3-0 (CYK0859-68) Soil    Sampled: 11/16/15 13:09    Received: 11/18/15 12:45</b>									
Endrin	ND	17	µg/kg	5	CY08084	"	11/21/15	EPA 8081A	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

106 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

92 %

46-139

"

"

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"

**RB-4-0 (CYK0859-71) Soil    Sampled: 11/16/15 09:45    Received: 11/18/15 12:45**

**QRL-8**

4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-4-0 (CYK0859-71) Soil    Sampled: 11/16/15 09:45    Received: 11/18/15 12:45</b>									
Mirex	ND	17	µg/kg	5	CY08084	"	11/21/15	EPA 8081A	
Toxaphene	ND	100	"	"	"	"	"	"	

*Surrogate: Decachlorobiphenyl*                      88 %              52-141              "              "              "              "

*Surrogate: Tetrachloro-meta-xylene*                      89 %              46-139              "              "              "              "

<b>RB-5-0 (CYK0859-74) Soil    Sampled: 11/16/15 08:42    Received: 11/18/15 12:45</b>									
4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
<b>4,4'-DDT</b>	<b>21</b>	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

*Surrogate: Decachlorobiphenyl*                      63 %              52-141              "              "              "              "

*Surrogate: Tetrachloro-meta-xylene*                      75 %              46-139              "              "              "              "

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-6-0 (CYK0859-77) Soil    Sampled: 11/16/15 09:02    Received: 11/18/15 12:45</b>									<b>QRL-8</b>
4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

105 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

77 %

46-139

"

"

"

"

**RB-6-0-D (CYK0859-78) Soil    Sampled: 11/17/15 14:05    Received: 11/18/15 12:45**

**QRL-8**

4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-6-0-D (CYK0859-78) Soil</b> Sampled: 11/17/15 14:05 Received: 11/18/15 12:45 <b>QRL-8</b>									
Chlordane-technical	ND	17	µg/kg	5	CY08084	"	11/21/15	EPA 8081A	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

59 %

52-141

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Surrogate: Tetrachloro-meta-xylene

76 %

46-139

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**RB-7-0 (CYK0859-81) Soil** Sampled: 11/17/15 11:22 Received: 11/18/15 12:45

**QRL-8**

4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-7-0 (CYK0859-81) Soil    Sampled: 11/17/15 11:22    Received: 11/18/15 12:45</b>									
Endrin	ND	17	µg/kg	5	CY08084	"	11/21/15	EPA 8081A	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

98 %

52-141

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"

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"

Surrogate: Tetrachloro-meta-xylene

73 %

46-139

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**RB-7-0-D (CYK0859-82) Soil    Sampled: 11/17/15 13:45    Received: 11/18/15 12:45**

**QRL-8**

4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-7-0-D (CYK0859-82) Soil    Sampled: 11/17/15 13:45    Received: 11/18/15 12:45</b>									
Mirex	ND	17	µg/kg	5	CY08084	"	11/21/15	EPA 8081A	
Toxaphene	ND	100	"	"	"	"	"	"	

**QRL-8**

*Surrogate: Decachlorobiphenyl*

72 %

52-141

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"

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"

*Surrogate: Tetrachloro-meta-xylene*

78 %

46-139

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**RB-8-0 (CYK0859-85) Soil    Sampled: 11/17/15 09:38    Received: 11/18/15 12:45**

**QRL-8**

4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

*Surrogate: Decachlorobiphenyl*

80 %

52-141

"

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"

*Surrogate: Tetrachloro-meta-xylene*

88 %

46-139

"

"

"

"

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-9-0 (CYK0859-88) Soil</b> Sampled: 11/17/15 11:06 Received: 11/18/15 12:45									<b>QRL-8</b>
4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

72 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

93 %

46-139

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"

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**RB-10-0 (CYK0859-91) Soil** Sampled: 11/17/15 09:19 Received: 11/18/15 12:45

**QRL-8**

4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-10-0 (CYK0859-91) Soil</b> Sampled: 11/17/15 09:19 Received: 11/18/15 12:45									<b>QRL-8</b>
Chlordane-technical	ND	17	µg/kg	5	CY08084	"	11/21/15	EPA 8081A	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

61 % 52-141

" " " "

Surrogate: Tetrachloro-meta-xylene

95 % 46-139

" " " "

<b>RB-11-0 (CYK0859-94) Soil</b> Sampled: 11/17/15 10:33 Received: 11/18/15 12:45									<b>QRL-8</b>
4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	



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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-11-0 (CYK0859-94) Soil Sampled: 11/17/15 10:33 Received: 11/18/15 12:45</b>									
Endrin	ND	17	µg/kg	5	CY08084	"	11/21/15	EPA 8081A	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

70 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

104 %

46-139

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"

"

"

**RB-12-0 (CYK0859-97) Soil Sampled: 11/17/15 08:48 Received: 11/18/15 12:45**

**QRL-8**

4,4'-DDD	ND	17	µg/kg	5	CY08084	11/19/15	11/21/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-12-0 (CYK0859-97) Soil    Sampled: 11/17/15 08:48    Received: 11/18/15 12:45</b>									<b>QRL-8</b>
Mirex	ND	17	µg/kg	5	CY08084	"	11/21/15	EPA 8081A	
Toxaphene	ND	100	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		70 %	52-141		"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		94 %	46-139		"	"	"	"	

# CALIFORNIA LABORATORY SERVICES

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## TPH-Gasoline by GC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-1-0 (CYK0859-62) Soil Sampled: 11/16/15 11:08 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260M	
<i>Surrogate: Toluene-d8</i>		75 %	65-135		"	"	"	"	
<b>RB-2-0 (CYK0859-65) Soil Sampled: 11/16/15 10:38 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260M	
<i>Surrogate: Toluene-d8</i>		71 %	65-135		"	"	"	"	
<b>RB-3-0 (CYK0859-68) Soil Sampled: 11/16/15 13:09 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260M	
<i>Surrogate: Toluene-d8</i>		72 %	65-135		"	"	"	"	
<b>RB-4-0 (CYK0859-71) Soil Sampled: 11/16/15 09:45 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260M	
<i>Surrogate: Toluene-d8</i>		73 %	65-135		"	"	"	"	
<b>RB-5-0 (CYK0859-74) Soil Sampled: 11/16/15 08:42 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260M	
<i>Surrogate: Toluene-d8</i>		73 %	65-135		"	"	"	"	
<b>RB-6-0 (CYK0859-77) Soil Sampled: 11/16/15 09:02 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260M	
<i>Surrogate: Toluene-d8</i>		74 %	65-135		"	"	"	"	
<b>RB-6-0-D (CYK0859-78) Soil Sampled: 11/17/15 14:05 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260M	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## TPH-Gasoline by GC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-6-0-D (CYK0859-78) Soil Sampled: 11/17/15 14:05 Received: 11/18/15 12:45</b>									
Surrogate: Toluene-d8		73 %		65-135	CY08160	"	11/20/15	EPA 8260M	
<b>RB-7-0 (CYK0859-81) Soil Sampled: 11/17/15 11:22 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260M	
Surrogate: Toluene-d8		73 %		65-135	"	"	"	"	
<b>RB-7-0-D (CYK0859-82) Soil Sampled: 11/17/15 13:45 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260M	
Surrogate: Toluene-d8		73 %		65-135	"	"	"	"	
<b>RB-8-0 (CYK0859-85) Soil Sampled: 11/17/15 09:38 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260M	
Surrogate: Toluene-d8		74 %		65-135	"	"	"	"	
<b>RB-9-0 (CYK0859-88) Soil Sampled: 11/17/15 11:06 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260M	
Surrogate: Toluene-d8		72 %		65-135	"	"	"	"	
<b>RB-10-0 (CYK0859-91) Soil Sampled: 11/17/15 09:19 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260M	
Surrogate: Toluene-d8		73 %		65-135	"	"	"	"	
<b>RB-11-0 (CYK0859-94) Soil Sampled: 11/17/15 10:33 Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260M	
Surrogate: Toluene-d8		74 %		65-135	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## TPH-Gasoline by GC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-12-0 (CYK0859-97) Soil    Sampled: 11/17/15 08:48    Received: 11/18/15 12:45</b>									
Gasoline	ND	0.20	mg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260M	
<i>Surrogate: Toluene-d8</i>		70 %	65-135		"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-1-0 (CYK0859-62) Soil Sampled: 11/16/15 11:08 Received: 11/18/15 12:45</b>									
1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-1-0 (CYK0859-62) Soil    Sampled: 11/16/15 11:08    Received: 11/18/15 12:45</b>									
Bromoform	ND	5.0	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-1-0 (CYK0859-62) Soil Sampled: 11/16/15 11:08 Received: 11/18/15 12:45</b>									
Trichlorofluoromethane	ND	5.0	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 150 % 50-125 " " " " QS-HI

Surrogate: 4-Bromofluorobenzene 85 % 50-128 " " " "

Surrogate: Toluene-d8 75 % 62-125 " " " "

## RB-2-0 (CYK0859-65) Soil Sampled: 11/16/15 10:38 Received: 11/18/15 12:45

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	



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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-2-0 (CYK0859-65) Soil    Sampled: 11/16/15 10:38    Received: 11/18/15 12:45</b>									
2,2-Dichloropropane	ND	5.0	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-2-0 (CYK0859-65) Soil Sampled: 11/16/15 10:38 Received: 11/18/15 12:45</b>									
p-Isopropyltoluene	ND	5.0	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	148 %	50-125	"	"	"	"	QS-HI
Surrogate: 4-Bromofluorobenzene	126 %	50-128	"	"	"	"	
Surrogate: Toluene-d8	71 %	62-125	"	"	"	"	

## RB-3-0 (CYK0859-68) Soil Sampled: 11/16/15 13:09 Received: 11/18/15 12:45

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-3-0 (CYK0859-68) Soil Sampled: 11/16/15 13:09 Received: 11/18/15 12:45</b>									
1,2-Dibromo-3-chloropropane	ND	10	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-3-0 (CYK0859-68) Soil Sampled: 11/16/15 13:09 Received: 11/18/15 12:45</b>									
Hexachlorobutadiene	ND	5.0	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	167 %	50-125	"	"	"	"	QS-HI
Surrogate: 4-Bromofluorobenzene	132 %	50-128	"	"	"	"	QS-HI
Surrogate: Toluene-d8	72 %	62-125	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-4-0 (CYK0859-71) Soil Sampled: 11/16/15 09:45 Received: 11/18/15 12:45</b>									
1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-4-0 (CYK0859-71) Soil Sampled: 11/16/15 09:45 Received: 11/18/15 12:45</b>									
Bromoform	ND	5.0	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-4-0 (CYK0859-71) Soil Sampled: 11/16/15 09:45 Received: 11/18/15 12:45</b>									
Trichlorofluoromethane	ND	5.0	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 159 % 50-125 " " " " QS-HI

Surrogate: 4-Bromofluorobenzene 138 % 50-128 " " " " QS-HI

Surrogate: Toluene-d8 73 % 62-125 " " " " "

## RB-5-0 (CYK0859-74) Soil Sampled: 11/16/15 08:42 Received: 11/18/15 12:45

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-5-0 (CYK0859-74) Soil Sampled: 11/16/15 08:42 Received: 11/18/15 12:45</b>									
2,2-Dichloropropane	ND	5.0	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	



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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-5-0 (CYK0859-74) Soil Sampled: 11/16/15 08:42 Received: 11/18/15 12:45</b>									
p-Isopropyltoluene	ND	5.0	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	159 %	50-125	"	"	"	"	QS-HI
Surrogate: 4-Bromofluorobenzene	132 %	50-128	"	"	"	"	QS-HI
Surrogate: Toluene-d8	73 %	62-125	"	"	"	"	

## RB-6-0 (CYK0859-77) Soil Sampled: 11/16/15 09:02 Received: 11/18/15 12:45

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08078	11/19/15	11/19/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-6-0 (CYK0859-77) Soil Sampled: 11/16/15 09:02 Received: 11/18/15 12:45</b>									
1,2-Dibromo-3-chloropropane	ND	10	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-6-0 (CYK0859-77) Soil Sampled: 11/16/15 09:02 Received: 11/18/15 12:45</b>									
Hexachlorobutadiene	ND	5.0	µg/kg	1	CY08078	"	11/19/15	EPA 8260B	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	161 %	50-125	"	"	"	"	QS-HI
Surrogate: 4-Bromofluorobenzene	143 %	50-128	"	"	"	"	QS-HI
Surrogate: Toluene-d8	74 %	62-125	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-6-0-D (CYK0859-78) Soil    Sampled: 11/17/15 14:05    Received: 11/18/15 12:45</b>									
1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-6-0-D (CYK0859-78) Soil Sampled: 11/17/15 14:05 Received: 11/18/15 12:45</b>									
Bromoform	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-6-0-D (CYK0859-78) Soil</b> Sampled: 11/17/15 14:05 Received: 11/18/15 12:45									
Trichlorofluoromethane	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 157 % 50-125 " " " " QS-HI

Surrogate: 4-Bromofluorobenzene 116 % 50-128 " " " " "

Surrogate: Toluene-d8 73 % 62-125 " " " " "

## RB-7-0 (CYK0859-81) Soil Sampled: 11/17/15 11:22 Received: 11/18/15 12:45

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-7-0 (CYK0859-81) Soil    Sampled: 11/17/15 11:22    Received: 11/18/15 12:45</b>									
2,2-Dichloropropane	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-7-0 (CYK0859-81) Soil Sampled: 11/17/15 11:22 Received: 11/18/15 12:45</b>									
p-Isopropyltoluene	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	165 %	50-125	"	"	"	"	QS-HI
Surrogate: 4-Bromofluorobenzene	109 %	50-128	"	"	"	"	
Surrogate: Toluene-d8	73 %	62-125	"	"	"	"	

## RB-7-0-D (CYK0859-82) Soil Sampled: 11/17/15 13:45 Received: 11/18/15 12:45

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	



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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-7-0-D (CYK0859-82) Soil Sampled: 11/17/15 13:45 Received: 11/18/15 12:45</b>									
1,2-Dibromo-3-chloropropane	ND	10	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-7-0-D (CYK0859-82) Soil Sampled: 11/17/15 13:45 Received: 11/18/15 12:45</b>									
Hexachlorobutadiene	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		168 %	50-125		"	"	"	"	QS-HI
Surrogate: 4-Bromofluorobenzene		115 %	50-128		"	"	"	"	
Surrogate: Toluene-d8		73 %	62-125		"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-8-0 (CYK0859-85) Soil Sampled: 11/17/15 09:38 Received: 11/18/15 12:45</b>									
1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-8-0 (CYK0859-85) Soil Sampled: 11/17/15 09:38 Received: 11/18/15 12:45</b>									
Bromoform	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-8-0 (CYK0859-85) Soil Sampled: 11/17/15 09:38 Received: 11/18/15 12:45</b>									
Trichlorofluoromethane	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 164 % 50-125 " " " " QS-HI

Surrogate: 4-Bromofluorobenzene 115 % 50-128 " " " "

Surrogate: Toluene-d8 74 % 62-125 " " " "

## RB-9-0 (CYK0859-88) Soil Sampled: 11/17/15 11:06 Received: 11/18/15 12:45

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-9-0 (CYK0859-88) Soil    Sampled: 11/17/15 11:06    Received: 11/18/15 12:45</b>									
2,2-Dichloropropane	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-9-0 (CYK0859-88) Soil Sampled: 11/17/15 11:06 Received: 11/18/15 12:45</b>									
p-Isopropyltoluene	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	156 %	50-125	"	"	"	"	QS-HI
Surrogate: 4-Bromofluorobenzene	110 %	50-128	"	"	"	"	
Surrogate: Toluene-d8	72 %	62-125	"	"	"	"	

## RB-10-0 (CYK0859-91) Soil Sampled: 11/17/15 09:19 Received: 11/18/15 12:45

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-10-0 (CYK0859-91) Soil Sampled: 11/17/15 09:19 Received: 11/18/15 12:45</b>									
1,2-Dibromo-3-chloropropane	ND	10	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	



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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-10-0 (CYK0859-91) Soil Sampled: 11/17/15 09:19 Received: 11/18/15 12:45</b>									
Hexachlorobutadiene	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		156 %	50-125		"	"	"	"	QS-HI
Surrogate: 4-Bromofluorobenzene		112 %	50-128		"	"	"	"	
Surrogate: Toluene-d8		73 %	62-125		"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-11-0 (CYK0859-94) Soil Sampled: 11/17/15 10:33 Received: 11/18/15 12:45</b>									
1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-11-0 (CYK0859-94) Soil    Sampled: 11/17/15 10:33    Received: 11/18/15 12:45</b>									
Bromoform	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-11-0 (CYK0859-94) Soil Sampled: 11/17/15 10:33 Received: 11/18/15 12:45</b>									
Trichlorofluoromethane	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 163 % 50-125 " " " " QS-HI

Surrogate: 4-Bromofluorobenzene 111 % 50-128 " " " " "

Surrogate: Toluene-d8 74 % 62-125 " " " " "

## RB-12-0 (CYK0859-97) Soil Sampled: 11/17/15 08:48 Received: 11/18/15 12:45

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	CY08160	11/20/15	11/20/15	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-12-0 (CYK0859-97) Soil Sampled: 11/17/15 08:48 Received: 11/18/15 12:45</b>									
2,2-Dichloropropane	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-12-0 (CYK0859-97) Soil Sampled: 11/17/15 08:48 Received: 11/18/15 12:45</b>									
p-Isopropyltoluene	ND	5.0	µg/kg	1	CY08160	"	11/20/15	EPA 8260B	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	165 %	50-125	"	"	"	"	QS-HI
Surrogate: 4-Bromofluorobenzene	133 %	50-128	"	"	"	"	QS-HI
Surrogate: Toluene-d8	70 %	62-125	"	"	"	"	

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CY08079 - CA LUFT - orb shaker</b>										
<b>Blank (CY08079-BLK1)</b>				Prepared: 11/19/15 Analyzed: 11/20/15						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
Surrogate: o-Terphenyl	0.502		"	0.500		100	65-135			
<b>LCS (CY08079-BS1)</b>				Prepared: 11/19/15 Analyzed: 11/20/15						
Diesel	54.8	1.0	mg/kg	50.0		110	65-135			
Surrogate: o-Terphenyl	0.384		"	0.500		77	65-135			
<b>LCS Dup (CY08079-BSD1)</b>				Prepared: 11/19/15 Analyzed: 11/20/15						
Diesel	55.0	1.0	mg/kg	50.0		110	65-135	0.3	30	
Surrogate: o-Terphenyl	0.390		"	0.500		78	65-135			
<b>Matrix Spike (CY08079-MS1)</b>				Source: CYK0859-94	Prepared: 11/19/15 Analyzed: 11/20/15					
Diesel	51.1	1.0	mg/kg	50.0	ND	102	59-138			
Surrogate: o-Terphenyl	0.665		"	0.500		133	65-135			
<b>Matrix Spike Dup (CY08079-MSD1)</b>				Source: CYK0859-94	Prepared: 11/19/15 Analyzed: 11/20/15					
Diesel	50.5	1.0	mg/kg	50.0	ND	101	59-138	1	37	
Surrogate: o-Terphenyl	0.651		"	0.500		130	65-135			

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CY08065 - EPA 3010A</b>										
<b>Blank (CY08065-BLK1)</b>				Prepared & Analyzed: 11/19/15						
Lead	ND	1.3	mg/kg							
<b>LCS (CY08065-BS1)</b>				Prepared & Analyzed: 11/19/15						
Lead	82.5	1.3	mg/kg	100		82	75-125			
<b>Matrix Spike (CY08065-MS1)</b>				<b>Source: CYK0859-01</b>		Prepared & Analyzed: 11/19/15				
Lead	60.2	13	mg/kg	100	16.3	44	75-125			QM-5
<b>Matrix Spike Dup (CY08065-MSD1)</b>				<b>Source: CYK0859-01</b>		Prepared & Analyzed: 11/19/15				
Lead	94.2	13	mg/kg	100	16.3	78	75-125	44	30	QM-5
<b>Batch CY08066 - EPA 3050B</b>										
<b>Blank (CY08066-BLK1)</b>				Prepared & Analyzed: 11/19/15						
Lead	ND	1.3	mg/kg							
<b>LCS (CY08066-BS1)</b>				Prepared & Analyzed: 11/19/15						
Lead	87.8	1.3	mg/kg	100		88	75-125			
<b>Matrix Spike (CY08066-MS1)</b>				<b>Source: CYK0859-21</b>		Prepared & Analyzed: 11/19/15				
Lead	90.8	13	mg/kg	100	3.89	87	75-125			
<b>Matrix Spike Dup (CY08066-MSD1)</b>				<b>Source: CYK0859-21</b>		Prepared & Analyzed: 11/19/15				
Lead	88.6	13	mg/kg	100	3.89	85	75-125	2	30	
<b>Batch CY08070 - EPA 3050B</b>										
<b>Blank (CY08070-BLK1)</b>				Prepared: 11/19/15 Analyzed: 11/20/15						
Lead	ND	1.3	mg/kg							



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Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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### Batch CY08070 - EPA 3050B

#### LCS (CY08070-BS1)

Prepared: 11/19/15 Analyzed: 11/20/15

Lead	100	1.3	mg/kg	100	100	75-125
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#### Matrix Spike (CY08070-MS1)

Source: CYK0859-41

Prepared: 11/19/15 Analyzed: 11/20/15

Lead	101	13	mg/kg	100	2.98	98	75-125
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#### Matrix Spike Dup (CY08070-MSD1)

Source: CYK0859-41

Prepared: 11/19/15 Analyzed: 11/20/15

Lead	97.6	13	mg/kg	100	2.98	95	75-125	3	30
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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch CY08084 - LUFT-DHS GCNV

#### Blank (CY08084-BLK1)

Prepared: 11/19/15 Analyzed: 11/21/15

Aldrin	ND	1.7	µg/kg							
alpha-BHC	ND	1.7	"							
beta-BHC	ND	1.7	"							
gamma-BHC (Lindane)	ND	1.7	"							
delta-BHC	ND	1.7	"							
Chlordane-technical	ND	3.3	"							
4,4'-DDD	ND	3.3	"							
4,4'-DDE	ND	3.3	"							
4,4'-DDT	ND	3.3	"							
Dieldrin	ND	3.0	"							
Endosulfan I	ND	1.7	"							
Endosulfan II	ND	3.3	"							
Endosulfan sulfate	ND	3.3	"							
Endrin	ND	3.3	"							
Endrin aldehyde	ND	3.3	"							
Heptachlor	ND	1.7	"							
Heptachlor epoxide	ND	1.7	"							
Methoxychlor	ND	17	"							
Mirex	ND	3.3	"							
Toxaphene	ND	20	"							
Surrogate: Tetrachloro-meta-xylene	6.93		"	8.33		83	46-139			
Surrogate: Decachlorobiphenyl	8.62		"	8.33		103	52-141			

#### LCS (CY08084-BS1)

Prepared: 11/19/15 Analyzed: 11/21/15

Aldrin	12.4	1.7	µg/kg	16.7		74	47-132			
gamma-BHC (Lindane)	12.7	1.7	"	16.7		76	56-133			
4,4'-DDT	14.1	3.3	"	16.7		85	46-137			
Dieldrin	12.9	3.0	"	16.7		78	44-143			
Endrin	17.1	3.3	"	16.7		102	30-147			
Heptachlor	12.4	1.7	"	16.7		75	33-148			
Surrogate: Tetrachloro-meta-xylene	7.82		"	8.33		94	46-139			

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch CY08084 - LUFT-DHS GCNV

#### LCS (CY08084-BS1)

Prepared: 11/19/15 Analyzed: 11/21/15

Surrogate: Decachlorobiphenyl 8.42 µg/kg 8.33 101 52-141

#### LCS Dup (CY08084-BS1)

Prepared: 11/19/15 Analyzed: 11/21/15

Aldrin	12.7	1.7	µg/kg	16.7	76	47-132	3	30
gamma-BHC (Lindane)	13.0	1.7	"	16.7	78	56-133	2	30
4,4'-DDT	14.7	3.3	"	16.7	88	46-137	4	30
Dieldrin	13.4	3.0	"	16.7	81	44-143	4	30
Endrin	17.4	3.3	"	16.7	104	30-147	2	30
Heptachlor	12.9	1.7	"	16.7	78	33-148	4	30

Surrogate: Tetrachloro-meta-xylene 7.72 " 8.33 93 46-139

Surrogate: Decachlorobiphenyl 8.56 " 8.33 103 52-141

#### Matrix Spike (CY08084-MS1)

Source: CYK0859-62

Prepared: 11/19/15 Analyzed: 11/21/15

QRL-8

Aldrin	33.1	8.5	µg/kg	16.7	ND	198	47-138	
gamma-BHC (Lindane)	11.2	8.5	"	16.7	ND	67	38-144	
4,4'-DDT	14.2	17	"	16.7	ND	85	41-157	
Dieldrin	12.2	15	"	16.7	3.13	55	46-155	
Endrin	14.0	17	"	16.7	ND	84	34-149	
Heptachlor	10.8	8.5	"	16.7	ND	65	36-155	

Surrogate: Tetrachloro-meta-xylene 15.9 " 20.8 77 46-139

Surrogate: Decachlorobiphenyl 12.9 " 20.8 62 52-141

#### Matrix Spike Dup (CY08084-MSD1)

Source: CYK0859-62

Prepared: 11/19/15 Analyzed: 11/21/15

QRL-8

Aldrin	31.6	8.5	µg/kg	16.7	ND	189	47-138	5	35
gamma-BHC (Lindane)	10.8	8.5	"	16.7	ND	65	38-144	4	35
4,4'-DDT	13.3	17	"	16.7	ND	80	41-157	6	35
Dieldrin	11.6	15	"	16.7	3.13	51	46-155	5	35
Endrin	11.9	17	"	16.7	ND	72	34-149	16	35
Heptachlor	10.3	8.5	"	16.7	ND	62	36-155	5	35

Surrogate: Tetrachloro-meta-xylene 15.3 " 20.8 73 46-139

Surrogate: Decachlorobiphenyl 11.8 " 20.8 57 52-141

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## TPH-Gasoline by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch CY08078 - EPA 5030 Soil MS

#### Blank (CY08078-BLK1)

Prepared & Analyzed: 11/19/15

Gasoline	ND	0.20	mg/kg							
Surrogate: Toluene-d8	0.0263		"	0.0300		88	65-135			

#### LCS (CY08078-BS1)

Prepared & Analyzed: 11/19/15

Gasoline	1.96	0.20	mg/kg	2.00		98	65-135			
Surrogate: Toluene-d8	0.0308		"	0.0300		103	65-135			

#### LCS Dup (CY08078-BSD1)

Prepared & Analyzed: 11/19/15

Gasoline	2.05	0.20	mg/kg	2.00		103	65-135	5	30	
Surrogate: Toluene-d8	0.0300		"	0.0300		100	65-135			

#### Matrix Spike (CY08078-MS1)

Source: CYK0874-01

Prepared & Analyzed: 11/19/15

Gasoline	1.93	0.20	mg/kg	2.00	ND	97	63-124			
Surrogate: Toluene-d8	0.0314		"	0.0300		105	65-135			

#### Matrix Spike Dup (CY08078-MSD1)

Source: CYK0874-01

Prepared & Analyzed: 11/19/15

Gasoline	1.94	0.20	mg/kg	2.00	ND	97	63-124	0.3	35	
Surrogate: Toluene-d8	0.0303		"	0.0300		101	65-135			

### Batch CY08160 - EPA 5030 Soil MS

#### Blank (CY08160-BLK1)

Prepared & Analyzed: 11/20/15

Gasoline	ND	0.20	mg/kg							
Surrogate: Toluene-d8	0.0208		"	0.0300		69	65-135			

#### LCS (CY08160-BS1)

Prepared & Analyzed: 11/20/15

Gasoline	2.16	0.20	mg/kg	2.00		108	65-135			
Surrogate: Toluene-d8	0.0290		"	0.0300		97	65-135			

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## TPH-Gasoline by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CY08160 - EPA 5030 Soil MS</b>										
<b>LCS Dup (CY08160-BSD1)</b>				Prepared & Analyzed: 11/20/15						
Gasoline	2.27	0.20	mg/kg	2.00		114	65-135	5	30	
Surrogate: Toluene-d8	0.0210		"	0.0300		70	65-135			
<b>Matrix Spike (CY08160-MS1)</b>				<b>Source: CYK0859-97</b>		Prepared & Analyzed: 11/20/15				
Gasoline	2.58	0.20	mg/kg	2.00	ND	129	63-124			QM-7
Surrogate: Toluene-d8	0.0308		"	0.0300		103	65-135			
<b>Matrix Spike Dup (CY08160-MSD1)</b>				<b>Source: CYK0859-97</b>		Prepared & Analyzed: 11/20/15				
Gasoline	2.05	0.20	mg/kg	2.00	ND	103	63-124	23	35	
Surrogate: Toluene-d8	0.0280		"	0.0300		93	65-135			

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch CY08078 - EPA 5030 Soil MS

#### Blank (CY08078-BLK1)

Prepared & Analyzed: 11/19/15

Acetone	ND	100	µg/kg
Benzene	ND	5.0	"
Bromobenzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	10	"
2-Butanone	ND	100	"
n-Butylbenzene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	10	"
o-Chlorotoluene	ND	5.0	"
p-Chlorotoluene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	10	"
1,2-Dibromoethane (EDB)	ND	5.0	"
Dibromomethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
Dichlorodifluoromethane (Freon 12)	ND	10	"
1,1-Dichloroethane	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,1-Dichloroethene	ND	5.0	"
cis-1,2-Dichloroethene	ND	5.0	"
trans-1,2-Dichloroethene	ND	5.0	"

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch CY08078 - EPA 5030 Soil MS

#### Blank (CY08078-BLK1)

Prepared & Analyzed: 11/19/15

1,2-Dichloropropane	ND	5.0	µg/kg
1,3-Dichloropropane	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
1,1-Dichloropropene	ND	5.0	"
cis-1,3-Dichloropropene	ND	5.0	"
trans-1,3-Dichloropropene	ND	5.0	"
Ethylbenzene	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
2-Hexanone	ND	50	"
Isopropylbenzene	ND	5.0	"
p-Isopropyltoluene	ND	5.0	"
Methylene chloride	ND	20	"
4-Methyl-2-pentanone	ND	50	"
Methyl tert-butyl ether	ND	5.0	"
Naphthalene	ND	5.0	"
n-Propylbenzene	ND	5.0	"
Styrene	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,1,2-Tetrachloroethane	ND	5.0	"
Tetrachloroethene	ND	5.0	"
Toluene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1,1-Trichloroethane	ND	5.0	"
Trichloroethene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"

# CALIFORNIA LABORATORY SERVICES

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CY08078 - EPA 5030 Soil MS</b>										
<b>Blank (CY08078-BLK1)</b>				Prepared & Analyzed: 11/19/15						
1,2,4-Trimethylbenzene	ND	5.0	µg/kg							
Vinyl chloride	ND	10	"							
Xylenes (total)	ND	10	"							
Surrogate: 1,2-Dichloroethane-d4	35.1		"	30.0		117	50-125			
Surrogate: Toluene-d8	26.3		"	30.0		88	62-125			
Surrogate: 4-Bromofluorobenzene	33.7		"	30.0		112	50-128			
<b>LCS (CY08078-BS1)</b>				Prepared & Analyzed: 11/19/15						
Benzene	18.3	5.0	µg/kg	20.0		92	64-135			
Chlorobenzene	19.1	5.0	"	20.0		96	67-133			
1,1-Dichloroethene	22.1	5.0	"	20.0		110	53-137			
Toluene	19.3	5.0	"	20.0		97	61-138			
Trichloroethene	19.9	5.0	"	20.0		99	64-130			
Surrogate: 1,2-Dichloroethane-d4	31.4		"	30.0		105	50-125			
Surrogate: Toluene-d8	30.8		"	30.0		103	62-125			
Surrogate: 4-Bromofluorobenzene	28.9		"	30.0		96	50-128			
<b>LCS Dup (CY08078-BSD1)</b>				Prepared & Analyzed: 11/19/15						
Benzene	18.8	5.0	µg/kg	20.0		94	64-135	2	30	
Chlorobenzene	19.6	5.0	"	20.0		98	67-133	3	30	
1,1-Dichloroethene	27.7	5.0	"	20.0		139	53-137	23	30	QC-2H
Toluene	20.1	5.0	"	20.0		100	61-138	4	30	
Trichloroethene	19.9	5.0	"	20.0		100	64-130	0.4	30	
Surrogate: 1,2-Dichloroethane-d4	33.1		"	30.0		110	50-125			
Surrogate: Toluene-d8	30.0		"	30.0		100	62-125			
Surrogate: 4-Bromofluorobenzene	32.8		"	30.0		109	50-128			
<b>Matrix Spike (CY08078-MS1)</b>				Source: CYK0874-01 Prepared & Analyzed: 11/19/15						
Benzene	17.5	5.0	µg/kg	20.0	ND	88	58-139			
Chlorobenzene	16.3	5.0	"	20.0	ND	82	62-134			
1,1-Dichloroethene	25.9	5.0	"	20.0	ND	129	53-152			
Toluene	17.8	5.0	"	20.0	ND	89	58-139			



# CALIFORNIA LABORATORY SERVICES

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch CY08078 - EPA 5030 Soil MS

Matrix Spike (CY08078-MS1)		Source: CYK0874-01		Prepared & Analyzed: 11/19/15						
Trichloroethene	18.3	5.0	µg/kg	20.0	ND	91	55-138			
Surrogate: 1,2-Dichloroethane-d4	39.0		"	30.0		130	50-125			QM-7
Surrogate: Toluene-d8	31.4		"	30.0		105	62-125			
Surrogate: 4-Bromofluorobenzene	32.6		"	30.0		109	50-128			

Matrix Spike Dup (CY08078-MSD1)		Source: CYK0874-01		Prepared & Analyzed: 11/19/15						
Benzene	18.0	5.0	µg/kg	20.0	ND	90	58-139	3	30	
Chlorobenzene	17.7	5.0	"	20.0	ND	88	62-134	8	30	
1,1-Dichloroethene	26.4	5.0	"	20.0	ND	132	53-152	2	30	
Toluene	18.1	5.0	"	20.0	ND	90	58-139	2	30	
Trichloroethene	18.8	5.0	"	20.0	ND	94	55-138	3	30	
Surrogate: 1,2-Dichloroethane-d4	37.5		"	30.0		125	50-125			
Surrogate: Toluene-d8	30.3		"	30.0		101	62-125			
Surrogate: 4-Bromofluorobenzene	32.6		"	30.0		109	50-128			

### Batch CY08160 - EPA 5030 Soil MS

Blank (CY08160-BLK1)		Prepared & Analyzed: 11/20/15								
Acetone	ND	100	µg/kg							
Benzene	ND	5.0	"							
Bromobenzene	ND	5.0	"							
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	10	"							
2-Butanone	ND	100	"							
n-Butylbenzene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Chloroethane	ND	5.0	"							

# CALIFORNIA LABORATORY SERVICES

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch CY08160 - EPA 5030 Soil MS

#### Blank (CY08160-BLK1)

Prepared & Analyzed: 11/20/15

Chloroform	ND	5.0	µg/kg
Chloromethane	ND	10	"
o-Chlorotoluene	ND	5.0	"
p-Chlorotoluene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	10	"
1,2-Dibromoethane (EDB)	ND	5.0	"
Dibromomethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
Dichlorodifluoromethane (Freon 12)	ND	10	"
1,1-Dichloroethane	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,1-Dichloroethene	ND	5.0	"
cis-1,2-Dichloroethene	ND	5.0	"
trans-1,2-Dichloroethene	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3-Dichloropropane	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
1,1-Dichloropropene	ND	5.0	"
cis-1,3-Dichloropropene	ND	5.0	"
trans-1,3-Dichloropropene	ND	5.0	"
Ethylbenzene	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
2-Hexanone	ND	50	"
Isopropylbenzene	ND	5.0	"
p-Isopropyltoluene	ND	5.0	"
Methylene chloride	ND	20	"

# CALIFORNIA LABORATORY SERVICES

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
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Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch CY08160 - EPA 5030 Soil MS

#### Blank (CY08160-BLK1)

Prepared & Analyzed: 11/20/15

4-Methyl-2-pentanone	ND	50	µg/kg							
Methyl tert-butyl ether	ND	5.0	"							
Naphthalene	ND	5.0	"							
n-Propylbenzene	ND	5.0	"							
Styrene	ND	5.0	"							
1,1,2,2-Tetrachloroethane	ND	5.0	"							
1,1,1,2-Tetrachloroethane	ND	5.0	"							
Tetrachloroethene	ND	5.0	"							
Toluene	ND	5.0	"							
1,2,3-Trichlorobenzene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	5.0	"							
1,1,2-Trichloroethane	ND	5.0	"							
1,1,1-Trichloroethane	ND	5.0	"							
Trichloroethene	ND	5.0	"							
Trichlorofluoromethane	ND	5.0	"							
1,2,3-Trichloropropane	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl chloride	ND	10	"							
Xylenes (total)	ND	10	"							
Surrogate: 1,2-Dichloroethane-d4	33.6		"	30.0		112	50-125			
Surrogate: Toluene-d8	20.8		"	30.0		69	62-125			
Surrogate: 4-Bromofluorobenzene	35.0		"	30.0		117	50-128			

#### LCS (CY08160-BS1)

Prepared & Analyzed: 11/20/15

Benzene	20.2	5.0	µg/kg	20.0		101	64-135			
Chlorobenzene	21.7	5.0	"	20.0		108	67-133			
1,1-Dichloroethene	21.0	5.0	"	20.0		105	53-137			
Toluene	21.6	5.0	"	20.0		108	61-138			
Trichloroethene	22.2	5.0	"	20.0		111	64-130			
Surrogate: 1,2-Dichloroethane-d4	26.1		"	30.0		87	50-125			

# CALIFORNIA LABORATORY SERVICES

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Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYK0859  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch CY08160 - EPA 5030 Soil MS

#### LCS (CY08160-BS1)

Prepared & Analyzed: 11/20/15

Surrogate: Toluene-d8	29.0		µg/kg	30.0		97	62-125			
Surrogate: 4-Bromofluorobenzene	26.1		"	30.0		87	50-128			

#### LCS Dup (CY08160-BS1)

Prepared & Analyzed: 11/20/15

Benzene	18.7	5.0	µg/kg	20.0		94	64-135	8	30	
Chlorobenzene	21.9	5.0	"	20.0		109	67-133	1	30	
1,1-Dichloroethene	24.6	5.0	"	20.0		123	53-137	15	30	
Toluene	20.7	5.0	"	20.0		104	61-138	4	30	
Trichloroethene	20.1	5.0	"	20.0		100	64-130	10	30	
Surrogate: 1,2-Dichloroethane-d4	22.7		"	30.0		76	50-125			
Surrogate: Toluene-d8	21.0		"	30.0		70	62-125			
Surrogate: 4-Bromofluorobenzene	18.5		"	30.0		62	50-128			

#### Matrix Spike (CY08160-MS1)

Source: CYK0859-97

Prepared & Analyzed: 11/20/15

Benzene	17.5	5.0	µg/kg	20.0	ND	88	58-139			
Chlorobenzene	16.2	5.0	"	20.0	ND	81	62-134			
1,1-Dichloroethene	29.0	5.0	"	20.0	ND	145	53-152			
Toluene	17.3	5.0	"	20.0	ND	87	58-139			
Trichloroethene	18.2	5.0	"	20.0	ND	91	55-138			
Surrogate: 1,2-Dichloroethane-d4	40.0		"	30.0		133	50-125			QM-7
Surrogate: Toluene-d8	30.8		"	30.0		103	62-125			
Surrogate: 4-Bromofluorobenzene	31.5		"	30.0		105	50-128			

#### Matrix Spike Dup (CY08160-MSD1)

Source: CYK0859-97

Prepared & Analyzed: 11/20/15

Benzene	11.5	5.0	µg/kg	20.0	ND	58	58-139	41	30	QR-1
Chlorobenzene	9.35	5.0	"	20.0	ND	47	62-134	54	30	QM-7, QR-1
1,1-Dichloroethene	20.6	5.0	"	20.0	ND	103	53-152	34	30	QR-1
Toluene	10.4	5.0	"	20.0	ND	52	58-139	50	30	QM-7, QR-1
Trichloroethene	11.5	5.0	"	20.0	ND	57	55-138	46	30	QR-1
Surrogate: 1,2-Dichloroethane-d4	42.7		"	30.0		142	50-125			QM-7
Surrogate: Toluene-d8	28.0		"	30.0		93	62-125			

# CALIFORNIA LABORATORY SERVICES

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11/25/15 14:39

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

### Batch CY08160 - EPA 5030 Soil MS

**Matrix Spike Dup (CY08160-MSD1)**

**Source: CYK0859-97**

Prepared & Analyzed: 11/20/15

<i>Surrogate: 4-Bromofluorobenzene</i>	<i>31.3</i>		<i>µg/kg</i>	<i>30.0</i>		<i>104</i>	<i>50-128</i>			
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# CALIFORNIA LABORATORY SERVICES

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11/25/15 14:39

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYK0859**  
COC #: 610572

## Notes and Definitions

QS-HI	Surrogate recovery was greater than the upper control limit. A reanalysis was not performed since the analytes associated with the surrogate were not detected.
QS-1	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
QRL-8	The extract of this sample was dark and/or oily. Therefore, the sample was analyzed with a dilution and the reporting limit was raised for all target compounds.
QR-1	The RPD value for the sample duplicate or MS/MSD was outside of the QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery.
QM-7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
QM-5	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QC-2H	The recovery of one CCV was greater than the acceptance limit. However, all analytes in the associated samples were ND; therefore a reanalysis was not performed.
A-COM	All samples in this work order were analyzed by EPA 6020.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

# CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

December 08, 2015

**CLS Work Order #: CYL0054**

**COC #: Green**

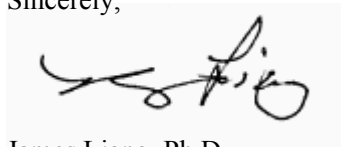
Mike VanDenEnden  
Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

**Project Name: Fulkerth/99 PSI**

Enclosed are the results of analyses for samples received by the laboratory on 12/01/15 16:27. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', is placed over a light gray rectangular background.

James Liang, Ph.D.  
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

# CALIFORNIA LABORATORY SERVICES

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12/08/15 14:50

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYL0054  
COC #: Green

## CHANGE OF STATUS

CLS Labs Job # CYL0054

CYL0054

Project Name: Fulkerth/99 PSI

Date Sample(s) Were Received: 11/18/15

Original Date 11/25/15

Mike van den Enden of Kleinfelder <sup>emailed</sup>  
(Client Contacted) (Company) <sup>called</sup>

on 12/1/15 at 1545  
(Date) (Time)

... and requested the following:

Phase	PUN	STLC	CA	WET	PS	SH
L-4-0	(# 10)					
L-6-0	(# 16)					
L-16-0	(# 50)					

Turnaround time requested for additional work: 5 day  
[Signature] 12/1/15  
(Signature) (Date)

Updated lab job database and file folder by: \_\_\_\_\_

Cc: \_\_\_\_\_

H:\WillOrellana\ChangeOfStatus.Doc



# CALIFORNIA LABORATORY SERVICES

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12/08/15 14:50

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYL0054**  
COC #: Green

## STLC (WET) Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>L-4-0 (CYL0054-10) Soil    Sampled: 11/16/15 10:11    Received: 12/01/15 16:27</b>									
<b>Lead</b>	<b>1.9</b>	0.50	mg/L	1	CY08461	12/07/15	12/07/15	EPA 6010B	A-COM
<b>L-6-0 (CYL0054-16) Soil    Sampled: 11/16/15 12:37    Received: 12/01/15 16:27</b>									
Lead	ND	2.5	mg/L	5	CY08461	12/07/15	12/07/15	EPA 6010B	A-COM
<b>L-16-0 (CYL0054-50) Soil    Sampled: 11/17/15 08:35    Received: 12/01/15 16:27</b>									
<b>Lead</b>	<b>6.0</b>	0.50	mg/L	1	CY08461	12/07/15	12/07/15	EPA 6010B	A-COM

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

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12/08/15 14:50

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYL0054**  
COC #: Green

## STLC (WET) Metals by 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CY08461 - EPA 3010A										
Blank (CY08461-BLK1)				Prepared & Analyzed: 12/07/15						
Lead	ND	0.50	mg/L							
LCS (CY08461-BS1)				Prepared & Analyzed: 12/07/15						
Lead	48.6	0.50	mg/L	50.0		97	75-125			
Matrix Spike (CY08461-MS1)				Source: CYL0121-01		Prepared & Analyzed: 12/07/15				
Lead	43.1	0.50	mg/L	50.0	0.743	85	75-125			
Matrix Spike Dup (CY08461-MSD1)				Source: CYL0121-01		Prepared & Analyzed: 12/07/15				
Lead	50.4	0.50	mg/L	50.0	0.743	99	75-125	16	30	

# CALIFORNIA LABORATORY SERVICES

Page 4 of 4

12/08/15 14:50

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYL0054**  
COC #: Green

## Notes and Definitions

A-COM Run By ICP/Ms (EPA Method 6020)  
DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

# CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

December 10, 2015

**CLS Work Order #: CYL0355**

**COC #: GREEN**

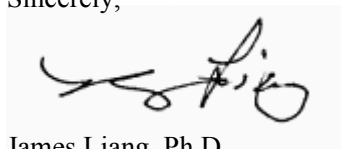
Mike VanDenEnden  
Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

**Project Name: Fulkerth/99 PSI**

Enclosed are the results of analyses for samples received by the laboratory on 12/07/15 17:27. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', is written over a light gray rectangular background.

James Liang, Ph.D.  
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

# CALIFORNIA LABORATORY SERVICES

Page 1 of 5

12/10/15 12:51

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYL0355  
COC #: GREEN

## CHANGE OF STATUS

CLS Labs Job # CYK0855

CYL0355

Project Name: Fulkerth / 99 PSI

Date Sample(s) Were Received: 11/18/15

Original Date 11/25/15

Mike VanDenEnden of Kleinfelder called  
(Client Contacted) (Company)

on 12/7/15 at 1501 (Time) (Central)  
(Date)

... and requested the following:

Run TPH AS MOTOR OIL ON FOLLOWING  
SAMPLES:

- 79 (RB-6-1)
- 80 (RB-6-2)
- 83 (RB-7-1)
- 84 (RB-7-2)
- 92 (RB-10-1)
- 93 (RB-10-2)
- 98 (RB-12-1)
- 99 (RB-12-2)

Turnaround time requested for additional work: 3 Days

(Signature)

12/7/15  
(Date)

Updated lab job database and file folder by: \_\_\_\_\_

Cc: \_\_\_\_\_

H:\WillOrellana\ChangeOfStatus.Doc

# CALIFORNIA LABORATORY SERVICES

Page 2 of 5

12/10/15 12:51

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYL0355**  
COC #: GREEN

## Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-6-1 (CYL0355-79) Soil Sampled: 11/16/15 09:06 Received: 12/07/15 17:27</b>									<b>HT-3</b>
Motor Oil	ND	1.0	mg/kg	1	CY08559	12/09/15	12/09/15	EPA 8015M	
Surrogate: o-Terphenyl		101 %	65-135		"	"	"	"	
<b>RB-6-2 (CYL0355-80) Soil Sampled: 11/16/15 09:10 Received: 12/07/15 17:27</b>									<b>HT-3</b>
Motor Oil	ND	1.0	mg/kg	1	CY08559	12/09/15	12/09/15	EPA 8015M	
Surrogate: o-Terphenyl		93 %	65-135		"	"	"	"	
<b>RB-7-1 (CYL0355-83) Soil Sampled: 11/17/15 11:25 Received: 12/07/15 17:27</b>									<b>HT-3</b>
Motor Oil	ND	1.0	mg/kg	1	CY08559	12/09/15	12/09/15	EPA 8015M	
Surrogate: o-Terphenyl		85 %	65-135		"	"	"	"	
<b>RB-7-2 (CYL0355-84) Soil Sampled: 11/17/15 11:29 Received: 12/07/15 17:27</b>									<b>HT-3</b>
Motor Oil	ND	1.0	mg/kg	1	CY08559	12/09/15	12/09/15	EPA 8015M	
Surrogate: o-Terphenyl		95 %	65-135		"	"	"	"	
<b>RB-10-1 (CYL0355-92) Soil Sampled: 11/17/15 09:23 Received: 12/07/15 17:27</b>									<b>HT-3</b>
Motor Oil	ND	1.0	mg/kg	1	CY08559	12/09/15	12/09/15	EPA 8015M	
Surrogate: o-Terphenyl		77 %	65-135		"	"	"	"	
<b>RB-10-2 (CYL0355-93) Soil Sampled: 11/17/15 09:26 Received: 12/07/15 17:27</b>									<b>HT-3</b>
Motor Oil	ND	1.0	mg/kg	1	CY08559	12/09/15	12/09/15	EPA 8015M	
Surrogate: o-Terphenyl		88 %	65-135		"	"	"	"	
<b>RB-12-1 (CYL0355-98) Soil Sampled: 11/17/15 08:50 Received: 12/07/15 17:27</b>									<b>HT-3</b>
Motor Oil	ND	1.0	mg/kg	1	CY08559	12/09/15	12/09/15	EPA 8015M	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

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12/10/15 12:51

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYL0355**  
COC #: GREEN

## Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>RB-12-1 (CYL0355-98) Soil    Sampled: 11/17/15 08:50    Received: 12/07/15 17:27</b>									
<b>HT-3</b>									
Surrogate: <i>o</i> -Terphenyl		91 %		65-135	CY08559	"	12/09/15	EPA 8015M	
<b>RB-12-2 (CYL0355-99) Soil    Sampled: 11/17/15 08:53    Received: 12/07/15 17:27</b>									
<b>HT-3</b>									
<b>Motor Oil</b>	<b>3.3</b>	1.0	mg/kg	1	CY08559	12/09/15	12/09/15	EPA 8015M	
Surrogate: <i>o</i> -Terphenyl		76 %		65-135	"	"	"	"	

# CALIFORNIA LABORATORY SERVICES

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12/10/15 12:51

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

CLS Work Order #: CYL0355  
COC #: GREEN

## Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CY08559 - CA LUFT - orb shaker</b>										
<b>Blank (CY08559-BLK1)</b>				Prepared & Analyzed: 12/09/15						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
Surrogate: o-Terphenyl	0.452		"	0.500		90	65-135			
<b>LCS (CY08559-BS1)</b>				Prepared & Analyzed: 12/09/15						
Diesel	46.6	1.0	mg/kg	50.0		93	65-135			
Surrogate: o-Terphenyl	0.490		"	0.500		98	65-135			
<b>LCS Dup (CY08559-BSD1)</b>				Prepared & Analyzed: 12/09/15						
Diesel	42.9	1.0	mg/kg	50.0		86	65-135	8	30	
Surrogate: o-Terphenyl	0.501		"	0.500		100	65-135			
<b>Matrix Spike (CY08559-MS1)</b>				Source: CYL0355-83	Prepared & Analyzed: 12/09/15					
Diesel	35.7	1.0	mg/kg	50.0	ND	71	59-138			
Surrogate: o-Terphenyl	0.490		"	0.500		98	65-135			
<b>Matrix Spike Dup (CY08559-MSD1)</b>				Source: CYL0355-83	Prepared & Analyzed: 12/09/15					
Diesel	34.4	1.0	mg/kg	50.0	ND	69	59-138	4	37	
Surrogate: o-Terphenyl	0.459		"	0.500		92	65-135			



# CALIFORNIA LABORATORY SERVICES

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12/10/15 12:51

Kleinfelder (Sacramento)  
2882 Prospect Park Dr. suite 200  
Rancho Cordova, CA 95742

Project: Fulkerth/99 PSI  
Project Number: 20162537 Task 1  
Project Manager: Mike VanDenEnden

**CLS Work Order #: CYL0355**  
COC #: GREEN

## Notes and Definitions

HT-3 Sample was from a previous job and was extracted/analyzed outside the EPA recommended holding time per client's request.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

## **APPENDIX C**

### **STATISTICAL DATA ANALYSIS**

---

	A	B	C	D	E	F	G	H	I	J	K	L
1	UCL Statistics for Uncensored Full Data Sets											
2												
3	User Selected Options											
4	Date/Time of Computation			12/14/2015 3:21:02 PM								
5	From File			fULK Pb Sampling_Table 1_use table 1 all data for ProUCL.xls								
6	Full Precision			OFF								
7	Confidence Coefficient			95%								
8	Number of Bootstrap Operations			2000								
9												
10												
11	g/kg)											
12												
13	General Statistics											
14	Total Number of Observations				21		Number of Distinct Observations				17	
15							Number of Missing Observations				0	
16	Minimum				3.8		Mean				37.72	
17	Maximum				200		Median				16	
18	SD				52.99		Std. Error of Mean				11.56	
19	Coefficient of Variation				1.405		Skewness				2.585	
20												
21	Normal GOF Test											
22	Shapiro Wilk Test Statistic				0.579		Shapiro Wilk GOF Test					
23	5% Shapiro Wilk Critical Value				0.908		Data Not Normal at 5% Significance Level					
24	Lilliefors Test Statistic				0.325		Lilliefors GOF Test					
25	5% Lilliefors Critical Value				0.193		Data Not Normal at 5% Significance Level					
26	Data Not Normal at 5% Significance Level											
27												
28	Assuming Normal Distribution											
29	95% Normal UCL					95% UCLs (Adjusted for Skewness)						
30	95% Student's-t UCL				57.66		95% Adjusted-CLT UCL (Chen-1995)				63.71	
31							95% Modified-t UCL (Johnson-1978)				58.75	
32												
33	Gamma GOF Test											
34	A-D Test Statistic				1.477		Anderson-Darling Gamma GOF Test					
35	5% A-D Critical Value				0.769		Data Not Gamma Distributed at 5% Significance Level					
36	K-S Test Statistic				0.214		Kolmogrov-Smirnoff Gamma GOF Test					
37	5% K-S Critical Value				0.195		Data Not Gamma Distributed at 5% Significance Level					
38	Data Not Gamma Distributed at 5% Significance Level											
39												
40	Gamma Statistics											
41	k hat (MLE)				1.035		k star (bias corrected MLE)				0.919	
42	Theta hat (MLE)				36.46		Theta star (bias corrected MLE)				41.06	
43	nu hat (MLE)				43.46		nu star (bias corrected)				38.58	
44	MLE Mean (bias corrected)				37.72		MLE Sd (bias corrected)				39.35	
45							Approximate Chi Square Value (0.05)				25.36	
46	Adjusted Level of Significance				0.0383		Adjusted Chi Square Value				24.53	
47												
48	Assuming Gamma Distribution											
49	95% Approximate Gamma UCL (use when n>=50))				57.39		95% Adjusted Gamma UCL (use when n<50)				59.32	
50												
51	Lognormal GOF Test											
52	Shapiro Wilk Test Statistic				0.929		Shapiro Wilk Lognormal GOF Test					
53	5% Shapiro Wilk Critical Value				0.908		Data appear Lognormal at 5% Significance Level					

	A	B	C	D	E	F	G	H	I	J	K	L	
54	Lilliefors Test Statistic					0.151	Lilliefors Lognormal GOF Test						
55	5% Lilliefors Critical Value					0.193	Data appear Lognormal at 5% Significance Level						
56	Data appear Lognormal at 5% Significance Level												
57													
58	Lognormal Statistics												
59	Minimum of Logged Data					1.335	Mean of logged Data					3.074	
60	Maximum of Logged Data					5.298	SD of logged Data					0.981	
61													
62	Assuming Lognormal Distribution												
63	95% H-UCL					61.15	90% Chebyshev (MVUE) UCL					58.32	
64	95% Chebyshev (MVUE) UCL					69.38	97.5% Chebyshev (MVUE) UCL					84.72	
65	99% Chebyshev (MVUE) UCL					114.9							
66													
67	Nonparametric Distribution Free UCL Statistics												
68	Data appear to follow a Discernible Distribution at 5% Significance Level												
69													
70	Nonparametric Distribution Free UCLs												
71	95% CLT UCL					56.74	95% Jackknife UCL					57.66	
72	95% Standard Bootstrap UCL					55.98	95% Bootstrap-t UCL					101.4	
73	95% Hall's Bootstrap UCL					150	95% Percentile Bootstrap UCL					57.85	
74	95% BCA Bootstrap UCL					64.13							
75	90% Chebyshev(Mean, Sd) UCL					72.41	95% Chebyshev(Mean, Sd) UCL					88.12	
76	97.5% Chebyshev(Mean, Sd) UCL					109.9	99% Chebyshev(Mean, Sd) UCL					152.8	
77													
78	Suggested UCL to Use												
79	95% H-UCL					61.15							
80													
81	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.												
82	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)												
83	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.												
84	For additional insight the user may want to consult a statistician.												
85													
86	ProUCL computes and outputs H-statistic based UCLs for historical reasons only.												
87	H-statistic often results in unstable (both high and low) values of UCL95 as shown in examples in the Technical Guide.												
88	It is therefore recommended to avoid the use of H-statistic based 95% UCLs.												
89	Use of nonparametric methods are preferred to compute UCL95 for skewed data sets which do not follow a gamma distribution.												
90													

	A	B	C	D	E	F	G	H	I	J	K	L
1	UCL Statistics for Uncensored Full Data Sets											
2												
3	User Selected Options											
4	Date/Time of Computation			12/14/2015 3:25:44 PM								
5	From File			fULK Pb Sampling_Table 1_use table 1 all data for ProUCL_a.xls								
6	Full Precision			OFF								
7	Confidence Coefficient			95%								
8	Number of Bootstrap Operations			2000								
9												
10												
11												
12												
13	General Statistics											
14	Total Number of Observations				20		Number of Distinct Observations				12	
15							Number of Missing Observations				0	
16	Minimum				2.5		Mean				6.5	
17	Maximum				43		Median				3.05	
18	SD				9.278		Std. Error of Mean				2.075	
19	Coefficient of Variation				1.427		Skewness				3.577	
20												
21	Normal GOF Test											
22	Shapiro Wilk Test Statistic				0.486		Shapiro Wilk GOF Test					
23	5% Shapiro Wilk Critical Value				0.905		Data Not Normal at 5% Significance Level					
24	Lilliefors Test Statistic				0.333		Lilliefors GOF Test					
25	5% Lilliefors Critical Value				0.198		Data Not Normal at 5% Significance Level					
26	Data Not Normal at 5% Significance Level											
27												
28	Assuming Normal Distribution											
29	95% Normal UCL					95% UCLs (Adjusted for Skewness)						
30	95% Student's-t UCL				10.09		95% Adjusted-CLT UCL (Chen-1995)				11.69	
31							95% Modified-t UCL (Johnson-1978)				10.36	
32												
33	Gamma GOF Test											
34	A-D Test Statistic				2.54		Anderson-Darling Gamma GOF Test					
35	5% A-D Critical Value				0.761		Data Not Gamma Distributed at 5% Significance Level					
36	K-S Test Statistic				0.295		Kolmogrov-Smirnoff Gamma GOF Test					
37	5% K-S Critical Value				0.198		Data Not Gamma Distributed at 5% Significance Level					
38	Data Not Gamma Distributed at 5% Significance Level											
39												
40	Gamma Statistics											
41	k hat (MLE)				1.336		k star (bias corrected MLE)				1.169	
42	Theta hat (MLE)				4.867		Theta star (bias corrected MLE)				5.563	
43	nu hat (MLE)				53.42		nu star (bias corrected)				46.74	
44	MLE Mean (bias corrected)				6.5		MLE Sd (bias corrected)				6.013	
45							Approximate Chi Square Value (0.05)				32.05	
46	Adjusted Level of Significance				0.038		Adjusted Chi Square Value				31.09	
47												
48	Assuming Gamma Distribution											
49	95% Approximate Gamma UCL (use when n>=50))				9.479		95% Adjusted Gamma UCL (use when n<50)				9.772	
50												
51	Lognormal GOF Test											
52	Shapiro Wilk Test Statistic				0.744		Shapiro Wilk Lognormal GOF Test					
53	5% Shapiro Wilk Critical Value				0.905		Data Not Lognormal at 5% Significance Level					

	A	B	C	D	E	F	G	H	I	J	K	L	
54	Lilliefors Test Statistic					0.266	Lilliefors Lognormal GOF Test						
55	5% Lilliefors Critical Value					0.198	Data Not Lognormal at 5% Significance Level						
56	Data Not Lognormal at 5% Significance Level												
57													
58	Lognormal Statistics												
59	Minimum of Logged Data					0.916	Mean of logged Data					1.453	
60	Maximum of Logged Data					3.761	SD of logged Data					0.778	
61													
62	Assuming Lognormal Distribution												
63	95% H-UCL					8.766	90% Chebyshev (MVUE) UCL					8.873	
64	95% Chebyshev (MVUE) UCL					10.32	97.5% Chebyshev (MVUE) UCL					12.33	
65	99% Chebyshev (MVUE) UCL					16.28							
66													
67	Nonparametric Distribution Free UCL Statistics												
68	Data do not follow a Discernible Distribution (0.05)												
69													
70	Nonparametric Distribution Free UCLs												
71	95% CLT UCL					9.913	95% Jackknife UCL					10.09	
72	95% Standard Bootstrap UCL					9.8	95% Bootstrap-t UCL					17.73	
73	95% Hall's Bootstrap UCL					22.12	95% Percentile Bootstrap UCL					10.12	
74	95% BCA Bootstrap UCL					12.5							
75	90% Chebyshev(Mean, Sd) UCL					12.72	95% Chebyshev(Mean, Sd) UCL					15.54	
76	97.5% Chebyshev(Mean, Sd) UCL					19.46	99% Chebyshev(Mean, Sd) UCL					27.14	
77													
78	Suggested UCL to Use												
79	95% Chebyshev (Mean, Sd) UCL					15.54							
80													
81	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.												
82	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)												
83	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.												
84	For additional insight the user may want to consult a statistician.												
85													

	A	B	C	D	E	F	G	H	I	J	K	L
1	UCL Statistics for Uncensored Full Data Sets											
2												
3	User Selected Options											
4	Date/Time of Computation			12/14/2015 3:21:55 PM								
5	From File			fULK Pb Sampling_Table 1_use table 1 all data for ProUCL_b.xls								
6	Full Precision			OFF								
7	Confidence Coefficient			95%								
8	Number of Bootstrap Operations			2000								
9												
10												
11												
12												
13	General Statistics											
14	Total Number of Observations				20		Number of Distinct Observations				12	
15							Number of Missing Observations				0	
16	Minimum				2.5		Mean				4.23	
17	Maximum				12		Median				2.8	
18	SD				2.89		Std. Error of Mean				0.646	
19	Coefficient of Variation				0.683		Skewness				1.875	
20												
21	Normal GOF Test											
22	Shapiro Wilk Test Statistic				0.656		Shapiro Wilk GOF Test					
23	5% Shapiro Wilk Critical Value				0.905		Data Not Normal at 5% Significance Level					
24	Lilliefors Test Statistic				0.282		Lilliefors GOF Test					
25	5% Lilliefors Critical Value				0.198		Data Not Normal at 5% Significance Level					
26	Data Not Normal at 5% Significance Level											
27												
28	Assuming Normal Distribution											
29	95% Normal UCL					95% UCLs (Adjusted for Skewness)						
30	95% Student's-t UCL				5.347		95% Adjusted-CLT UCL (Chen-1995)				5.582	
31							95% Modified-t UCL (Johnson-1978)				5.393	
32												
33	Gamma GOF Test											
34	A-D Test Statistic				2.38		Anderson-Darling Gamma GOF Test					
35	5% A-D Critical Value				0.747		Data Not Gamma Distributed at 5% Significance Level					
36	K-S Test Statistic				0.241		Kolmogrov-Smirnoff Gamma GOF Test					
37	5% K-S Critical Value				0.195		Data Not Gamma Distributed at 5% Significance Level					
38	Data Not Gamma Distributed at 5% Significance Level											
39												
40	Gamma Statistics											
41	k hat (MLE)				3.409		k star (bias corrected MLE)				2.931	
42	Theta hat (MLE)				1.241		Theta star (bias corrected MLE)				1.443	
43	nu hat (MLE)				136.3		nu star (bias corrected)				117.2	
44	MLE Mean (bias corrected)				4.23		MLE Sd (bias corrected)				2.471	
45							Approximate Chi Square Value (0.05)				93.23	
46	Adjusted Level of Significance				0.038		Adjusted Chi Square Value				91.54	
47												
48	Assuming Gamma Distribution											
49	95% Approximate Gamma UCL (use when n>=50))				5.319		95% Adjusted Gamma UCL (use when n<50)				5.417	
50												
51	Lognormal GOF Test											
52	Shapiro Wilk Test Statistic				0.745		Shapiro Wilk Lognormal GOF Test					
53	5% Shapiro Wilk Critical Value				0.905		Data Not Lognormal at 5% Significance Level					

	A	B	C	D	E	F	G	H	I	J	K	L	
54	Lilliefors Test Statistic					0.24	Lilliefors Lognormal GOF Test						
55	5% Lilliefors Critical Value					0.198	Data Not Lognormal at 5% Significance Level						
56	Data Not Lognormal at 5% Significance Level												
57													
58	Lognormal Statistics												
59	Minimum of Logged Data					0.916	Mean of logged Data					1.288	
60	Maximum of Logged Data					2.485	SD of logged Data					0.518	
61													
62	Assuming Lognormal Distribution												
63	95% H-UCL					5.285	90% Chebyshev (MVUE) UCL					5.605	
64	95% Chebyshev (MVUE) UCL					6.279	97.5% Chebyshev (MVUE) UCL					7.214	
65	99% Chebyshev (MVUE) UCL					9.051							
66													
67	Nonparametric Distribution Free UCL Statistics												
68	Data do not follow a Discernible Distribution (0.05)												
69													
70	Nonparametric Distribution Free UCLs												
71	95% CLT UCL					5.293	95% Jackknife UCL					5.347	
72	95% Standard Bootstrap UCL					5.291	95% Bootstrap-t UCL					6.032	
73	95% Hall's Bootstrap UCL					5.23	95% Percentile Bootstrap UCL					5.395	
74	95% BCA Bootstrap UCL					5.535							
75	90% Chebyshev(Mean, Sd) UCL					6.169	95% Chebyshev(Mean, Sd) UCL					7.047	
76	97.5% Chebyshev(Mean, Sd) UCL					8.266	99% Chebyshev(Mean, Sd) UCL					10.66	
77													
78	Suggested UCL to Use												
79	95% Chebyshev (Mean, Sd) UCL					7.047							
80													
81	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.												
82	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)												
83	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.												
84	For additional insight the user may want to consult a statistician.												
85													