LIMITED
PHASE II ENVIRONMENTAL SOIL CHARACTERIZATION EVALUATION
312 SOUTH EUCLID STREET, ANAHEIM,
ORANGE COUNTY, CALIFORNIA, APNS 250-051-02 AND 03

FOR

KB HOME
36310 INLAND VALLEY DR.
WILDOMAR, CALIFORNIA 92595

W.O. E7019.1-SC FEBRUARY 16, 2016

GeoSoils, Inc.

Geotechnical • Geologic • Coastal • Environmental

5741 Palmer Way • Carlsbad, California 92010 • (760) 438-3155 • FAX (760) 931-0915 • www.geosoilsinc.com

February 16, 2016

W.O. E7019.1-SC

KB Home
36310 Inland Valley Dr.
Wildomar, California 92595

Attention: Mr. Frank Chen

Subject: Limited Phase II Environmental Soil Characterization Evaluation, 312 South Euclid Street, Anaheim, Orange County, California, APNs 250-051-02 and 03

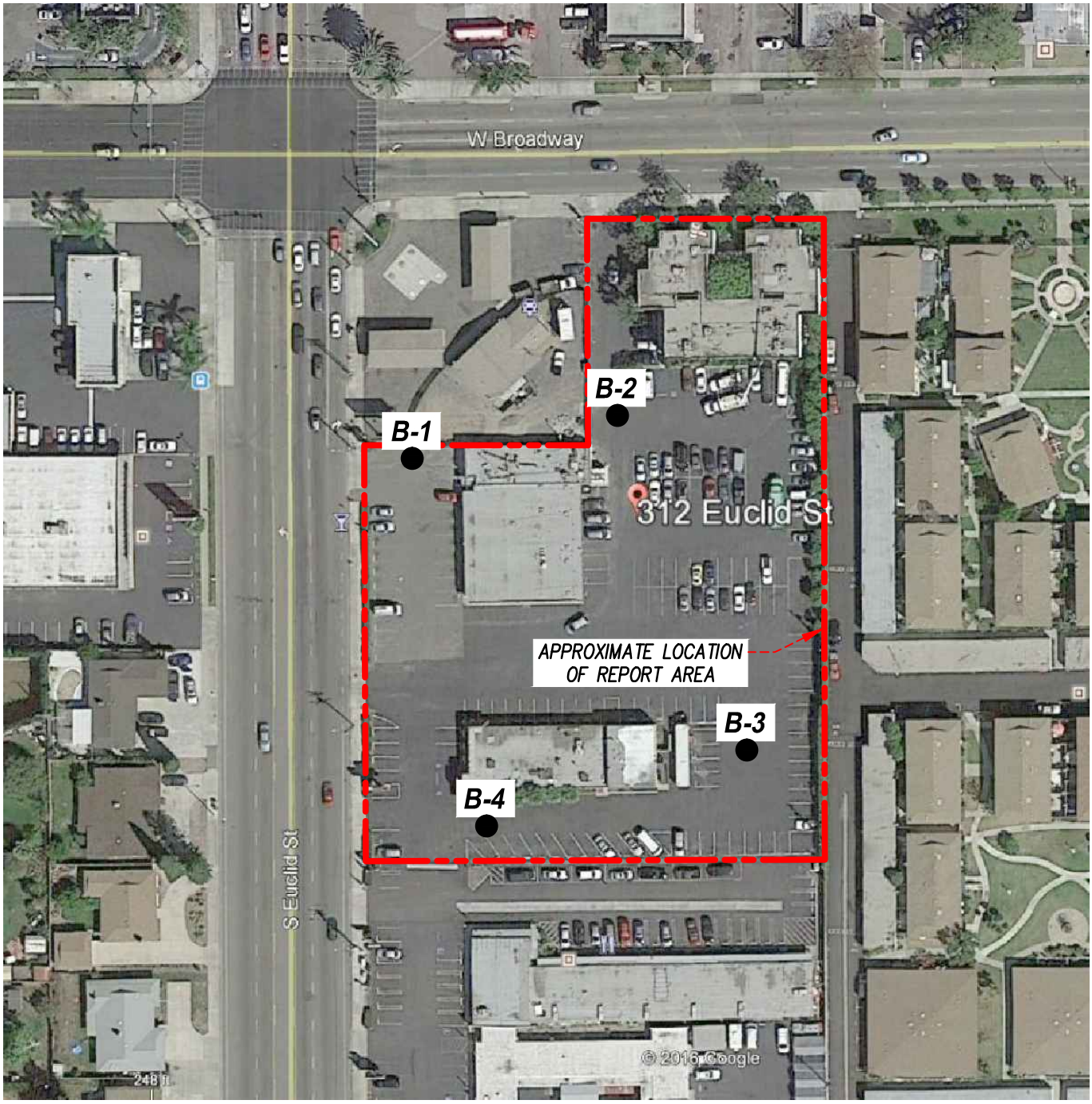
Dear Mr. Chen:

GeoSoils, Inc. (GSI) is pleased to present the results of our Limited Phase II Environmental Soil Characterization Evaluation for the subject property in Anaheim, Orange County, California. This study was conducted for the purpose of further assessing the property for the potential presence of organochlorine pesticides (OCPs) and lead-based paints (LBPs) in soil, owing to the previous historical use and presence of structures on the site; and, petroleum contamination in the northwest margin of the site, near an existing gas station, that has previously impacted soil and water, although it is now listed as case "closed." The scope of services for this evaluation included soil sampling and testing, analysis of test data, and the preparation of this summary report.

LIMITED SUPPLEMENTAL SOIL CHARACTERIZATION EVALUATION

As indicated in the Phase I Environmental Site Assessment (ESA) summary report prepared by GSI for the subject site (GSI, 2016), OCPs from historical agricultural activities and LBPs from former onsite residential structures, thereon, have the potential to impact site soils. In addition, owing to the soil and groundwater that were impacted on the northwest margin of the site, petroleum impacted soil is a concern. Thus, in order to evaluate the occurrence of these potential contaminants of concern, GSI conducted sampling and testing of the onsite soils.

Sampling was performed on February 5, 2016 by a representative of this office. BC2 Environmental advanced each soil boring using a direct-push drilling rig. Soil borings were advanced in accessible areas of the site, and near the northwest corner ranging to a depth of 15 feet below ground surface (bgs). Soil samples for OCP, Arsenic and Lead (Title 22 Metals), were collected at 0.5, 1, and 2 feet, for all borings; and, soil samples for TPH gasoline, diesel, and oil (TPHg, TPHd, and TPHo), and VOCs were collected at 5, 10, and 15 feet bgs in Boring B-1, near the northwest margin. Approximate sample locations are presented on Figure 1, which uses the "Site Plan" of GSI (2016), as a base.



GRAPHIC SCALE

100 0 50 100 200

1" = 100'

ALL LOCATIONS ARE APPROXIMATE

This document or efile is not a part of the Construction Documents and should not be relied upon as being an accurate depiction of design.

GSI LEGEND

B-4 — APPROXIMATE LOCATION OF SOIL SAMPLE FOR CHEMICAL ANALYSIS

N

GeoSoils, Inc.

SITE MAP

Figure 1

W.O. E7019.1-SC	DATE: 02/16	SCALE: 1" = 100'

The deeper soil samples were collected in 2-inch diameter acetate sleeves which were cut to 6 inches in length. Teflon was placed on each end and the samples were covered with tight-fitting plastic caps and placed on ice. Surficial soil samples were placed in 4-ounce glass containers and stored on ice. All samples were subsequently delivered to EurofinsCalscience in Garden Grove, California under chain-of-custody protocol. Testing was performed to evaluate the presence of OCPs, lead and arsenic, TPH, and VOCs in the samples in general accordance with EPA 8081B, 6010B, 8015B, and 8260B, respectively.

Results

The test results indicate non-detectable concentrations of OCPs in the collected samples, with one exception, and non-detectable concentrations of TPH and VOCs. For Title 22 Metals (lead and arsenic), lead concentration in one of the tested samples was 9.31mg/kg (B-2 @ 0.5 feet), while arsenic concentrations ranged from non-detectable to 1.54 to 2.65 mg/kg. Concentrations were compared to California Human Health Screening Levels for residential applications (CHHSLs-R). CHHSLs were published by the California Environmental Protection Agency ([CEPA], 2005) and represent threshold values with generally accepted exposure factors to estimate concentrations in residential soil that do not represent a cancer risk to humans greater than one-in-one million (i.e., 1×10^{-6}). The CHHSLs-R for lead concentrations in soil is 80 mg/kg, and the CHHSLs-R for 4,4'-DDE is 1.6 mg/kg. Thus, the concentration of lead in the tested sample of 9.31mg/kg (B-2 at 0.5 feet in depth) is approximately an order of magnitude less than CHHSLs-R, and the concentration of 4,4'-DDE of 0.0061 mg/kg (B-3 at 0.5 feet in depth) is several orders of magnitude less than CHHSLs-R. The arsenic present was well below the upper bound limits of regional background concentrations (Chernoff, et al., 2008), of 12 mg/kg. Owing to the above results, additional testing of surficial samples were not warranted and thus, not performed. Testing results are presented in Appendix B.

CONCLUSIONS

Based on the results of the aforementioned testing, OCPs, TPH, VOCs, lead and arsenic in the onsite soil are not considered a recognized environmental condition. GSI recommends no further action at this time in this regard. Unless specifically superceded herein, the conclusions and recommendations contained in GSI (2016) are still considered valid and applicable, and should be appropriately implemented during the balance of site development.

LIMITATIONS

GSI has performed the services for this project in accordance with the terms of a contract between GSI and Client and in accordance with current professional standards for investigations of this type. The conclusions presented in this report are based on the information collected during the study, the present understanding of the site conditions, and professional judgment.

Please note, subsurface and hazardous waste/toxic substance conditions may vary from those provided in historical documents reviewed by GSI. The interpretations and recommendations of GSI are based solely on such information, and/or information supplied by Client. Findings of this investigation based on data provided by others carries no warranty, express or implied, as a result of the usage of such data.

It is possible that future investigations may reveal additional data or variations of the current data which may require the current conclusions and recommendations to be reevaluated. As a result, GSI makes no warranty, either express or implied, as to its findings, opinions, recommendations, specifications, or professional advice except that they were promulgated after being prepared in accordance with generally accepted standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature.

The information in this report is relevant to the date of the site work and should not be relied on to represent conditions at any later date. Facts, conditions, and acceptable risk factors change with time, accordingly, this report should be viewed within this context.

CLOSURE

We appreciate the opportunity to be of service to you. If you have any questions pertaining to this report or any other matter, please do not hesitate to call us at (760) 438-3155.

Respectfully submitted,

GeoSoils, Inc.

John P. Franklin
Registered Environmental Property Assessor, NREP 461992
Engineering Geologist, CEG 1340

RBB/JPF/jh

Attachments: Appendix A - References
Appendix B - Laboratory Analytical Results

Distribution: (3) Addressee

APPENDIX A

REFERENCES

APPENDIX A

REFERENCES

Anaheim Public Utilities Department, 1999, UST Case summary and closure rationale, Mobil Station 1680 W. Broadway, RB Case # 083000787, dated November 7.

_____, 1997, UST case summary and closure rationale, Former Exxon Service Station #7-7727, 260 S. Euclid Street, dated August 5.

California Department of Toxic Substances Control, 2009, Interim guidance evaluating human health risks from total petroleum hydrocarbons (TPH), dated June 16.

_____, 2008, Interim guidance for sampling agricultural properties (third revision), dated August 7.

California Environmental Protection Agency, 2005, Use of California human screening levels (CHHSLs) in evaluation of contaminated properties, office of environmental health hazzard assessment, dated January, updated through September 2010.

Chernoff, G., Bosan, W., and Oudiz, D., 2008, Determination of a Southern California regional background arsenic concentration in soil, California Department of Toxic Substance Control, Society of Toxicology, dated March.

Environmental Resolutions, Inc. (ERI), 2009, Second Quarter 2009 Groundwater monitoring and status report (April 1, 2009 through June 30, 2009), Mobil Station 18-G06, 1680 West Broadway, Anaheim, California (CRWQCB Case No. 083000787T), dated July 30.

_____, 2008, Request for case closure report, Mobil Station 18-G06, 1680 West Broadway, Anaheim, California, dated April 23.

GeoSoils, Inc., 2016, Phase I environmental site assessment, 312 South Euclid Street, Anaheim, Orange County, California, APNs 250-051-02 & 03, W.O. E7019-SC, dated February 15.

APPENDIX B

LABORATORY ANALYTICAL RESULTS

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WORK ORDER NUMBER: 16-02-0557

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: GeoSoils, Inc.

Client Project Name: KB Anaheim

Attention: John Franklin
5741 Palmer Way
Carlsbad, CA 92010-7248

Approved for release on 02/12/2016 by:
Terri Chang
Project Manager

ResultLink

Email your PM

nelac

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Work Order Number: 16-02-0557

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Work Order Narrative

Work Order: 16-02-0557 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 02/05/16. They were assigned to Work Order 16-02-0557.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Sample Summary

Client:	GeoSoils, Inc. 5741 Palmer Way Carlsbad, CA 92010-7248	Work Order:	16-02-0557
		Project Name:	KB Anaheim
		PO Number:	
		Date/Time Received:	02/05/16 12:03
		Number of Containers:	15
Attn:	John Franklin		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
B-1-0.5	16-02-0557-1	02/05/16 09:34	1	Solid
B-1-1	16-02-0557-2	02/05/16 09:36	1	Solid
B-1-2	16-02-0557-3	02/05/16 09:40	1	Solid
B-1-5	16-02-0557-4	02/05/16 09:52	1	Solid
B-1-10	16-02-0557-5	02/05/16 09:58	1	Solid
B-1-15	16-02-0557-6	02/05/16 10:01	1	Solid
B-2-0.5	16-02-0557-7	02/05/16 10:29	1	Solid
B-2-1	16-02-0557-8	02/05/16 10:31	1	Solid
B-2-2	16-02-0557-9	02/05/16 10:33	1	Solid
B-3-0.5	16-02-0557-10	02/05/16 10:45	1	Solid
B-3-1	16-02-0557-11	02/05/16 10:47	1	Solid
B-3-2	16-02-0557-12	02/05/16 10:50	1	Solid
B-4-0.5	16-02-0557-13	02/05/16 11:04	1	Solid
B-4-1	16-02-0557-14	02/05/16 11:05	1	Solid
B-4-2	16-02-0557-15	02/05/16 11:07	1	Solid

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-5	**16-02-0557-4-A**	**02/05/16 09:52**	**Solid**	**GC 48**	**02/08/16**	**02/08/16 19:16**	**160208B02**

Parameter	Result	RL	DF	Qualifiers
C6	ND	5.0	1.00	
C7	ND	5.0	1.00	
C8	ND	5.0	1.00	
C9-C10	ND	5.0	1.00	
C11-C12	ND	5.0	1.00	
C13-C14	ND	5.0	1.00	
C15-C16	ND	5.0	1.00	
C17-C18	ND	5.0	1.00	
C19-C20	ND	5.0	1.00	
C21-C22	ND	5.0	1.00	
C23-C24	ND	5.0	1.00	
C25-C28	ND	5.0	1.00	
C29-C32	ND	5.0	1.00	
C33-C36	ND	5.0	1.00	
C37-C40	ND	5.0	1.00	
C41-C44	ND	5.0	1.00	
C6-C44 Total	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	87	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-10	**16-02-0557-5-A**	**02/05/16 09:58**	**Solid**	**GC 48**	**02/08/16**	**02/08/16 19:32**	**160208B02**

Parameter	Result	RL	DF	Qualifiers
C6	ND	5.0	1.00	
C7	ND	5.0	1.00	
C8	ND	5.0	1.00	
C9-C10	ND	5.0	1.00	
C11-C12	ND	5.0	1.00	
C13-C14	ND	5.0	1.00	
C15-C16	ND	5.0	1.00	
C17-C18	ND	5.0	1.00	
C19-C20	ND	5.0	1.00	
C21-C22	ND	5.0	1.00	
C23-C24	ND	5.0	1.00	
C25-C28	ND	5.0	1.00	
C29-C32	ND	5.0	1.00	
C33-C36	ND	5.0	1.00	
C37-C40	ND	5.0	1.00	
C41-C44	ND	5.0	1.00	
C6-C44 Total	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	85	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-15	**16-02-0557-6-A**	**02/05/16 10:01**	**Solid**	**GC 48**	**02/08/16**	**02/08/16 19:48**	**160208B02**

Parameter	Result	RL	DF	Qualifiers
C6	ND	4.9	1.00	
C7	ND	4.9	1.00	
C8	ND	4.9	1.00	
C9-C10	ND	4.9	1.00	
C11-C12	ND	4.9	1.00	
C13-C14	ND	4.9	1.00	
C15-C16	ND	4.9	1.00	
C17-C18	ND	4.9	1.00	
C19-C20	ND	4.9	1.00	
C21-C22	ND	4.9	1.00	
C23-C24	ND	4.9	1.00	
C25-C28	ND	4.9	1.00	
C29-C32	ND	4.9	1.00	
C33-C36	ND	4.9	1.00	
C37-C40	ND	4.9	1.00	
C41-C44	ND	4.9	1.00	
C6-C44 Total	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	79	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-490-1953**	**N/A**	**Solid**	**GC 48**	**02/08/16**	**02/08/16 18:11**	**160208B02**

Parameter	Result	RL	DF	Qualifiers
C6	ND	5.0	1.00	
C7	ND	5.0	1.00	
C8	ND	5.0	1.00	
C9-C10	ND	5.0	1.00	
C11-C12	ND	5.0	1.00	
C13-C14	ND	5.0	1.00	
C15-C16	ND	5.0	1.00	
C17-C18	ND	5.0	1.00	
C19-C20	ND	5.0	1.00	
C21-C22	ND	5.0	1.00	
C23-C24	ND	5.0	1.00	
C25-C28	ND	5.0	1.00	
C29-C32	ND	5.0	1.00	
C33-C36	ND	5.0	1.00	
C37-C40	ND	5.0	1.00	
C41-C44	ND	5.0	1.00	
C6-C44 Total	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	105	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-0.5	**16-02-0557-1-A**	**02/05/16 09:34**	**Solid**	**ICP 7300**	**02/06/16**	**02/08/16 13:35**	**160206L01**

Parameter	Result	RL	DF	Qualifiers
Arsenic	2.58	0.750	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-2-0.5	**16-02-0557-7-A**	**02/05/16 10:29**	**Solid**	**ICP 7300**	**02/06/16**	**02/08/16 13:36**	**160206L01**

Parameter	Result	RL	DF	Qualifiers
Arsenic	1.54	0.743	0.990	
Lead	9.31	0.495	0.990	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-0.5	**16-02-0557-10-A**	**02/05/16 10:45**	**Solid**	**ICP 7300**	**02/06/16**	**02/08/16 13:37**	**160206L01**

Parameter	Result	RL	DF	Qualifiers
Arsenic	1.78	0.781	1.04	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-4-0.5	**16-02-0557-13-A**	**02/05/16 11:04**	**Solid**	**ICP 7300**	**02/06/16**	**02/08/16 13:38**	**160206L01**

Parameter	Result	RL	DF	Qualifiers
Arsenic	2.65	0.735	0.980	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22337**	**N/A**	**Solid**	**ICP 7300**	**02/06/16**	**02/08/16 10:17**	**160206L01**

Parameter	Result	RL	DF	Qualifiers
Arsenic	ND	0.750	1.00	
Lead	ND	0.500	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-0.5	**16-02-0557-1-A**	**02/05/16 09:34**	**Solid**	**GC 44**	**02/06/16**	**02/09/16 15:13**	**160206L05**

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	91	24-168	
2,4,5,6-Tetrachloro-m-Xylene	71	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-2-0.5	**16-02-0557-7-A**	**02/05/16 10:29**	**Solid**	**GC 44**	**02/06/16**	**02/09/16 15:27**	**160206L05**

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	9.9	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	9.9	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	9.9	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	99	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	95	24-168	
2,4,5,6-Tetrachloro-m-Xylene	83	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-0.5	**16-02-0557-10-A**	**02/05/16 10:45**	**Solid**	**GC 44**	**02/06/16**	**02/09/16 17:08**	**160206L05**

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	6.1	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	90	24-168	
2,4,5,6-Tetrachloro-m-Xylene	86	25-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-4-0.5	**16-02-0557-13-A**	**02/05/16 11:04**	**Solid**	**GC 44**	**02/06/16**	**02/09/16 17:22**	**160206L05**

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	92	24-168	
2,4,5,6-Tetrachloro-m-Xylene	91	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-537-2349**	**N/A**	**Solid**	**GC 44**	**02/06/16**	**02/09/16 13:19**	**160206L05**

Parameter	Result	RL	DF	Qualifiers
Aldrin	ND	5.0	1.00	
Alpha-BHC	ND	10	1.00	
Beta-BHC	ND	5.0	1.00	
Chlordane	ND	50	1.00	
4,4'-DDD	ND	5.0	1.00	
4,4'-DDE	ND	5.0	1.00	
4,4'-DDT	ND	5.0	1.00	
Delta-BHC	ND	10	1.00	
Dieldrin	ND	5.0	1.00	
Endosulfan I	ND	5.0	1.00	
Endosulfan II	ND	5.0	1.00	
Endosulfan Sulfate	ND	5.0	1.00	
Endrin	ND	5.0	1.00	
Endrin Aldehyde	ND	5.0	1.00	
Endrin Ketone	ND	5.0	1.00	
Gamma-BHC	ND	5.0	1.00	
Heptachlor	ND	5.0	1.00	
Heptachlor Epoxide	ND	10	1.00	
Methoxychlor	ND	5.0	1.00	
Toxaphene	ND	100	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	98	24-168	
2,4,5,6-Tetrachloro-m-Xylene	71	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-5	**16-02-0557-4-A**	**02/05/16 09:52**	**Solid**	**GC/MS W**	**02/05/16**	**02/08/16 12:25**	**160208L012**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	120	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	9.9	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	89	60-132	
Dibromofluoromethane	101	63-141	
1,2-Dichloroethane-d4	106	62-146	
Toluene-d8	92	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-10	**16-02-0557-5-A**	**02/05/16 09:58**	**Solid**	**GC/MS W**	**02/05/16**	**02/08/16 14:13**	**160208L012**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	130	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	60-132	
Dibromofluoromethane	102	63-141	
1,2-Dichloroethane-d4	107	62-146	
Toluene-d8	92	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-15	**16-02-0557-6-A**	**02/05/16 10:01**	**Solid**	**GC/MS W**	**02/05/16**	**02/08/16 14:40**	**160208L012**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	120	1.00	
Benzene	ND	4.9	1.00	
Bromobenzene	ND	4.9	1.00	
Bromochloromethane	ND	4.9	1.00	
Bromodichloromethane	ND	4.9	1.00	
Bromoform	ND	4.9	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	49	1.00	
n-Butylbenzene	ND	4.9	1.00	
sec-Butylbenzene	ND	4.9	1.00	
tert-Butylbenzene	ND	4.9	1.00	
Carbon Disulfide	ND	49	1.00	
Carbon Tetrachloride	ND	4.9	1.00	
Chlorobenzene	ND	4.9	1.00	
Chloroethane	ND	4.9	1.00	
Chloroform	ND	4.9	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	4.9	1.00	
4-Chlorotoluene	ND	4.9	1.00	
Dibromochloromethane	ND	4.9	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.00	
1,2-Dibromoethane	ND	4.9	1.00	
Dibromomethane	ND	4.9	1.00	
1,2-Dichlorobenzene	ND	4.9	1.00	
1,3-Dichlorobenzene	ND	4.9	1.00	
1,4-Dichlorobenzene	ND	4.9	1.00	
Dichlorodifluoromethane	ND	4.9	1.00	
1,1-Dichloroethane	ND	4.9	1.00	
1,2-Dichloroethane	ND	4.9	1.00	
1,1-Dichloroethene	ND	4.9	1.00	
c-1,2-Dichloroethene	ND	4.9	1.00	
t-1,2-Dichloroethene	ND	4.9	1.00	
1,2-Dichloropropane	ND	4.9	1.00	
1,3-Dichloropropane	ND	4.9	1.00	
2,2-Dichloropropane	ND	4.9	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	4.9	1.00	
c-1,3-Dichloropropene	ND	4.9	1.00	
t-1,3-Dichloropropene	ND	4.9	1.00	
Ethylbenzene	ND	4.9	1.00	
2-Hexanone	ND	49	1.00	
Isopropylbenzene	ND	4.9	1.00	
p-Isopropyltoluene	ND	4.9	1.00	
Methylene Chloride	ND	49	1.00	
4-Methyl-2-Pentanone	ND	49	1.00	
Naphthalene	ND	49	1.00	
n-Propylbenzene	ND	4.9	1.00	
Styrene	ND	4.9	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	1.00	
Tetrachloroethene	ND	4.9	1.00	
Toluene	ND	4.9	1.00	
1,2,3-Trichlorobenzene	ND	9.9	1.00	
1,2,4-Trichlorobenzene	ND	4.9	1.00	
1,1,1-Trichloroethane	ND	4.9	1.00	
1,1,2-Trichloroethane	ND	4.9	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	1.00	
Trichloroethene	ND	4.9	1.00	
1,2,3-Trichloropropane	ND	4.9	1.00	
1,2,4-Trimethylbenzene	ND	4.9	1.00	
Trichlorofluoromethane	ND	49	1.00	
1,3,5-Trimethylbenzene	ND	4.9	1.00	
Vinyl Acetate	ND	49	1.00	
Vinyl Chloride	ND	4.9	1.00	
p/m-Xylene	ND	4.9	1.00	
o-Xylene	ND	4.9	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	89	60-132	
Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	109	62-146	
Toluene-d8	91	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-796-10765**	**N/A**	**Solid**	**GC/MS W**	**02/08/16**	**02/08/16 11:31**	**160208L012**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	120	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Project: KB Anaheim

Date Received: 02/05/16
Work Order: 16-02-0557
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	60-132	
Dibromofluoromethane	99	63-141	
1,2-Dichloroethane-d4	104	62-146	
Toluene-d8	91	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

GeoSoils, Inc.		Date Received:	02/05/16
5741 Palmer Way		Work Order:	16-02-0557
Carlsbad, CA 92010-7248		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: KB Anaheim			Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-15	**Sample**	**Solid**	**GC 48**	**02/08/16**	**02/08/16 19:48**	**160208S02**
B-1-15	**Matrix Spike**	**Solid**	**GC 48**	**02/08/16**	**02/08/16 18:44**	**160208S02**
B-1-15	**Matrix Spike Duplicate**	**Solid**	**GC 48**	**02/08/16**	**02/08/16 19:00**	**160208S02**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	ND	400.0	461.9	115	457.9	114	64-130	1	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

GeoSoils, Inc.		Date Received:	02/05/16
5741 Palmer Way		Work Order:	16-02-0557
Carlsbad, CA 92010-7248		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: KB Anaheim			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-02-0600-1	**Sample**	**Solid**	**ICP 7300**	**02/06/16**	**02/08/16 13:29**	**160206S01**
16-02-0600-1	**Matrix Spike**	**Solid**	**ICP 7300**	**02/06/16**	**02/08/16 13:31**	**160206S01**
16-02-0600-1	**Matrix Spike Duplicate**	**Solid**	**ICP 7300**	**02/06/16**	**02/08/16 13:32**	**160206S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Arsenic	1.474	25.00	27.96	106	26.43	100	75-125	6	0-20	
Lead	1.648	25.00	27.99	105	26.54	100	75-125	5	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

GeoSoils, Inc.		Date Received:	02/05/16
5741 Palmer Way		Work Order:	16-02-0557
Carlsbad, CA 92010-7248		Preparation:	EPA 3545
		Method:	EPA 8081A
Project: KB Anaheim			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-02-0621-9	**Sample**	**Solid**	**GC 44**	**02/06/16**	**02/09/16 14:02**	**160206S05**
16-02-0621-9	**Matrix Spike**	**Solid**	**GC 44**	**02/06/16**	**02/09/16 13:33**	**160206S05**
16-02-0621-9	**Matrix Spike Duplicate**	**Solid**	**GC 44**	**02/06/16**	**02/09/16 13:47**	**160206S05**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aldrin	ND	25.00	19.66	79	19.01	76	50-135	3	0-25	
Alpha-BHC	ND	25.00	19.77	79	18.09	72	50-135	9	0-25	
Beta-BHC	ND	25.00	15.86	63	15.29	61	50-135	4	0-25	
4,4'-DDD	ND	25.00	29.40	118	30.25	121	50-135	3	0-25	
4,4'-DDE	ND	25.00	31.10	124	31.06	124	50-135	0	0-25	
4,4'-DDT	ND	25.00	21.93	88	24.26	97	50-135	10	0-25	
Delta-BHC	ND	25.00	19.84	79	19.03	76	50-135	4	0-25	
Dieldrin	ND	25.00	23.28	93	23.82	95	50-135	2	0-25	
Endosulfan I	ND	25.00	20.62	82	20.23	81	50-135	2	0-25	
Endosulfan II	ND	25.00	25.74	103	29.86	119	50-135	15	0-25	
Endosulfan Sulfate	ND	25.00	141.8	567	182.5	730	50-135	25	0-25	3
Endrin	ND	25.00	229.3	917	212.8	851	50-135	7	0-25	3
Endrin Aldehyde	ND	25.00	26.34	105	28.33	113	50-135	7	0-25	
Gamma-BHC	ND	25.00	19.40	78	18.14	73	50-135	7	0-25	
Heptachlor	ND	25.00	21.69	87	20.76	83	50-135	4	0-25	
Heptachlor Epoxide	ND	25.00	20.41	82	20.53	82	50-135	1	0-25	
Methoxychlor	ND	25.00	42.77	171	31.78	127	50-135	29	0-25	3,4

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

GeoSoils, Inc.		Date Received:	02/05/16
5741 Palmer Way		Work Order:	16-02-0557
Carlsbad, CA 92010-7248		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: KB Anaheim			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-5	**Sample**	**Solid**	**GC/MS W**	**02/05/16**	**02/08/16 12:25**	**160208S006**
B-1-5	**Matrix Spike**	**Solid**	**GC/MS W**	**02/05/16**	**02/08/16 12:52**	**160208S006**
B-1-5	**Matrix Spike Duplicate**	**Solid**	**GC/MS W**	**02/05/16**	**02/08/16 13:19**	**160208S006**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	41.46	83	42.90	86	61-127	3	0-20	
Carbon Tetrachloride	ND	50.00	52.49	105	54.72	109	51-135	4	0-29	
Chlorobenzene	ND	50.00	47.00	94	46.96	94	57-123	0	0-20	
1,2-Dibromoethane	ND	50.00	48.42	97	48.28	97	64-124	0	0-20	
1,2-Dichlorobenzene	ND	50.00	49.27	99	50.05	100	35-131	2	0-25	
1,2-Dichloroethane	ND	50.00	45.75	91	45.41	91	80-120	1	0-20	
1,1-Dichloroethene	ND	50.00	44.42	89	45.95	92	47-143	3	0-25	
Ethylbenzene	ND	50.00	45.98	92	46.69	93	57-129	2	0-22	
Toluene	ND	50.00	43.98	88	44.78	90	63-123	2	0-20	
Trichloroethene	ND	50.00	48.15	96	49.84	100	44-158	3	0-20	
Vinyl Chloride	ND	50.00	38.83	78	40.72	81	49-139	5	0-47	
p/m-Xylene	ND	100.0	91.51	92	92.46	92	70-130	1	0-30	
o-Xylene	ND	50.00	43.32	87	43.86	88	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	40.71	81	41.94	84	57-123	3	0-21	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

GeoSoils, Inc.		Date Received:	02/05/16
5741 Palmer Way		Work Order:	16-02-0557
Carlsbad, CA 92010-7248		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: KB Anaheim			Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-490-1953	**LCS**	**Solid**	**GC 48**	**02/08/16**	**02/08/16 18:28**	**160208B02**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	418.6	105	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

GeoSoils, Inc.		Date Received:	02/05/16
5741 Palmer Way		Work Order:	16-02-0557
Carlsbad, CA 92010-7248		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: KB Anaheim			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22337	**LCS**	**Solid**	**ICP 7300**	**02/06/16**	**02/08/16 10:18**	**160206L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Arsenic	25.00	22.12	88	80-120	
Lead	25.00	24.86	99	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

GeoSoils, Inc.		Date Received:	02/05/16
5741 Palmer Way		Work Order:	16-02-0557
Carlsbad, CA 92010-7248		Preparation:	EPA 3545
		Method:	EPA 8081A
Project: KB Anaheim			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-537-2349	**LCS**	**Solid**	**GC 44**	**02/06/16**	**02/09/16 20:13**	**160206L05**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Aldrin	25.00	23.42	94	50-135	36-149	
Alpha-BHC	25.00	21.44	86	50-135	36-149	
Beta-BHC	25.00	23.87	95	50-135	36-149	
4,4'-DDD	25.00	25.07	100	50-135	36-149	
4,4'-DDE	25.00	25.56	102	50-135	36-149	
4,4'-DDT	25.00	22.98	92	50-135	36-149	
Delta-BHC	25.00	23.30	93	50-135	36-149	
Dieldrin	25.00	25.04	100	50-135	36-149	
Endosulfan I	25.00	24.09	96	50-135	36-149	
Endosulfan II	25.00	29.00	116	50-135	36-149	
Endosulfan Sulfate	25.00	22.75	91	50-135	36-149	
Endrin	25.00	25.25	101	50-135	36-149	
Endrin Aldehyde	25.00	21.40	86	50-135	36-149	
Gamma-BHC	25.00	22.27	89	50-135	36-149	
Heptachlor	25.00	24.52	98	50-135	36-149	
Heptachlor Epoxide	25.00	22.18	89	50-135	36-149	
Methoxychlor	25.00	22.81	91	50-135	36-149	

Total number of LCS compounds: 17
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

GeoSoils, Inc.		Date Received:	02/05/16
5741 Palmer Way		Work Order:	16-02-0557
Carlsbad, CA 92010-7248		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: KB Anaheim			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-796-10765	**LCS**	**Solid**	**GC/MS W**	**02/08/16**	**02/08/16 09:13**	**160208L012**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	50.00	45.77	92	78-120	71-127	
Carbon Tetrachloride	50.00	60.76	122	49-139	34-154	
Chlorobenzene	50.00	50.83	102	79-120	72-127	
1,2-Dibromoethane	50.00	49.91	100	80-120	73-127	
1,2-Dichlorobenzene	50.00	53.59	107	75-120	68-128	
1,2-Dichloroethane	50.00	48.56	97	80-120	73-127	
1,1-Dichloroethene	50.00	50.11	100	74-122	66-130	
Ethylbenzene	50.00	50.30	101	76-120	69-127	
Toluene	50.00	47.89	96	77-120	70-127	
Trichloroethene	50.00	52.53	105	80-120	73-127	
Vinyl Chloride	50.00	44.70	89	68-122	59-131	
p/m-Xylene	100.0	99.50	99	75-125	67-133	
o-Xylene	50.00	46.79	94	75-125	67-133	
Methyl-t-Butyl Ether (MTBE)	50.00	43.15	86	77-120	70-127	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 16-02-0557 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 6010B	EPA 3050B	935	ICP 7300	1
EPA 8015B (M)	EPA 3550B	974	GC 48	1
EPA 8081A	EPA 3545	669	GC 44	1
EPA 8260B	EPA 5030C	927	GC/MS W	2

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Glossary of Terms and Qualifiers

Work Order: 16-02-0557 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: **16-02-0557**

DATE: 2/5/16

PAGE: 1 OF 2

LABORATORY CLIENT: GeoSoils, Inc.
ADDRESS: 5741 Palmer Way
CITY: Carlsbad STATE: CA ZIP: 92010
TEL: 760-438-3155 E-MAIL: jfranklin@geosoilsinc.com; geologyjen@yahoo.com

CLIENT PROJECT NAME / NUMBER: KB Anaheim
PROJECT CONTACT: John Franklin
P.O. NO.:
SAMPLER(S): (PRINT) Jen Morton

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ✠ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:
Hold 1' and 2-foot samples pending 0.5 foot results.

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH extended C6-C44 8015	VOCs full scan 8260	OCP 8081	Arsenic 6010	Lead 6010
1	B-1-0.5	2/5/16	9:34	S	1	X					X	X	
2	B-1-1		9:36			X			Hold				
3	B-1-2		9:40			X			Hold				
4	B-1-5		9:52			X			X	X			
5	B-1-10		9:58			X			X	X			
6	B-1-15		10:01			X			X	X			
7	B-2-0.5		10:29			X					X	X	X
8	B-2-1		10:31			X			Hold				
9	B-2-2		10:33			X			Hold				
10	B-3-0.5	↓	10:45	↓	↓	X					X	X	

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
	EGL	2/5/16	12:03
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: 16-02-0557

DATE: 2/5/16

PAGE: 2 OF 2

LABORATORY CLIENT: GeoSoils Inc.

ADDRESS:

CITY: STATE: ZIP:

TEL: E-MAIL: jfrankin@geosoilsinc.com

CLIENT PROJECT NAME / NUMBER: R B Anaheim

P.O. NO.:

PROJECT CONTACT:

SAMPLER(S): (PRINT)

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

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

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	OCP 8081	Arsenic 6010
11	B-3-1	2/5/16	10:47	S	1				Hold	
12	B-3-2		10:50		1				Hold	
13	B-4-0.5		11:04		1				X	X
14	B-4-1		11:05		1				Hold	
15	B-4-2		11:07		1				Hold	

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
		2/5/16	12:03
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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WORK ORDER NUMBER: 16-02- 0557

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: GeoSoils Inc.

DATE: 02 / 05 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC4B (CF: +0.3°C); Temperature (w/o CF): 3.6 °C (w/ CF): 3.9 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 836

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 836

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☐	☐	☑
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☑ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☑ Sleeve (P*) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1017

Reviewed by: 278

*1, 5, 6 in plastic sleeve

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