



Project No. S1894-07-12
October 31, 2022

VIA ELECTRONIC MAIL

Alia Roca-Lezra
Program Manager
Siskiyou County Economic Development Council
1512 S. Oregon Street
Yreka, California 96097

Subject: PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT
THE LANDING NEW MILL SOUTH
SOUTH MOUNT SHASTA BOULEVARD
MOUNT SHASTA, SISKIYOU COUNTY, CALIFORNIA

Ms. Roca-Lezra:

In accordance with our Statement of Work S1894-07-12P dated October 21, 2022, and Master Services Agreement between Geocon Consultants, Inc. (Geocon) and the Siskiyou County Economic Development Council (SCEDC, the Client) dated January 9, 2020, we have performed a Phase II Environmental Site Assessment (ESA) of The Landing New Mill South (the Site) located on South Mount Shasta Boulevard in Mount Shasta, California (Figure 1). We performed the Phase II ESA for the SCEDC on behalf of the City of Mount Shasta (the City) to assess the presence of contaminants of concern (COC) in stockpiled soil at the Site and to support the City's Brownfields Cleanup Grant application to the United States Environmental Protection Agency (USEPA).

This Phase II ESA report summarizes data collected in accordance with our Removal Action Workplan (RAW) Addendum and Sampling and Analysis Plan (SAP) dated March 21, 2022, and approved by the California Department of Toxic Substances Control (DTSC) and USEPA March 30, 2022 and March 29, 2022, respectively.

PURPOSE AND OBJECTIVE

The purpose of the Phase II ESA was to assess stockpiled soil remaining on the Site from previous cleanup of soil on the Site in order to characterize it as a waste for acceptance at appropriate waste disposal facilities (landfills). Soil cleanup was performed to remove soil containing COCs as a result historical lumber mill operations. The objective of the Phase II ESA was to collect an appropriate number of representative soil samples from the stockpiled soil and have it analyzed for COCs to meet the purpose of the Phase II ESA.

SITE DESCRIPTION

The Site consists of 65 acres of vacant land located along the western side of South Mount Shasta Boulevard in the southern portion of Mount Shasta. The Site is bounded by Union Pacific Railroad tracks to the west, Interstate 5 to the south, and residential and commercial properties to the north. There is no physical address associated with the Site.

Approximately 1,400 cubic yards (cy) of contaminated stockpiled soil remains on the Site from previous soil cleanup. The City owns the Site and plans to redevelop it for commercial/industrial and recreational uses.

BACKGROUND

The Site was first developed by the Pioneer Box Company in 1900. Lumber mill operations were reportedly conducted by several parties at the Old Mill location in the northern portion of the Site from 1900 until the late 1960s, when operations were moved south to the New Mill in the southern portion of the Site. Historical operations at the Old Mill reportedly included the use of a boiler room, refuse burner, log pond, and a dip tank where lumber was treated with pentachlorophenol (PCP). Former facilities at the New Mill included a PCP dip tank for wood treatment, an 8,000-gallon diesel aboveground storage tank (AST), a 10,000-gallon gasoline underground storage tank (UST), a box factory with refuse burner, a dump area, and an equipment maintenance shed.

Roseburg Forest Products was the last company to operate a lumber mill on the Site. They purchased the Site in 1979 and operated the mill until 1985. The UST and AST were removed prior to 1987. According to the former City Manager, Ted Marconi, the Site was deeded to the City in 1989. The former mill structures at the Site were removed prior to the property transfer and the Site has been vacant since the City has owned it. The City plans to redevelop the Site with commercial/industrial and recreational uses.

Cleanup and Regulatory Agency Involvement

The City has conducted several environmental investigations and cleanups at the Site with oversight from the DTSC. Since the City took ownership of the Site, the City has conducted removal of contaminated soil at the Old Mill dip tank, refuse burner, and boiler room, and the New Mill equipment shed, box factory transformer area, and refuse burner. Cleanup was conducted under our RAW for the Old Mill dated April 24, 2018, TRC Companies, Inc.’s (TRC) RAW for the New Mill sections dated March 11, 2016, and our RAW Addendum for all of the Site dated March 21, 2022.

Approved Site Cleanup Goals

Cleanup goals have been established for soil at the Site in the RAWs, which were submitted for public comment and approved by the DTSC. The cleanup goals are based on the applicable DTSC Human Health Risk Assessment (HHRA) screening levels (DTSC-SL), USEPA Regional Screening Levels (RSL), or San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESL) for COCs in a commercial/industrial or recreational setting. The following table lists the cleanup goals for each COC.

PROJECT CLEANUP GOALS		
COC	Cleanup Goal	Source
DRO	1,000 mg/kg	ESL commercial/industrial
ORO	5,100 mg/kg	ESL gross contamination
PCP	2.0 mg/kg	RSL commercial/industrial
Aroclor 1254	0.97 mg/kg	RSL commercial/ industrial
Aroclor 1260	0.99 mg/kg	RSL commercial/ industrial
Dioxin/Furans	220 ng/kg*	DTSC, HHRA Note 2

mg/kg – milligrams per kilogram

ng/kg – nanograms per kilogram

* DTSC HHRA Note 2 allows for dioxin to remain in soil at concentrations ranging from 220-700 ng/kg in some instances

Removal Action

Excavation of soil associated with the recent cleanup around the Old Mill dip tank and the New Mill equipment shed, box factory transformer area, and refuse burner is complete, but a Removal Action Completion Report (RACR) has not yet been drafted or reviewed and approved by the DTSC. However, data was transmitted to the DTSC during removal, and in an email dated October 7, 2022, the DTSC stated that excavation of contaminated soil on the Site was complete.

In 2022, we oversaw transportation to, and disposal of approximately 649 tons of soil as California-hazardous waste at, WM's Kettleman Hills Class I landfill near Kettleman City in Kings County, California and approximately 427 tons of soil as a non-hazardous waste at Recology's Ostrom Road Class II landfill near Wheatland in Yuba County, California. In 2016, TRC oversaw transportation to, and disposal of approximately 410 tons of soil at, WM's Anderson Class III landfill in Anderson, Shasta County, California. Approximately 1,400 cy of non-hazardous soil remains stockpiled on the Site.

The DTSC will certify closure of the Site once a RACR documenting the removal action performed to date, offsite disposal of the remaining soil stockpiled on the Site, and destruction of nine groundwater monitoring wells on the Site has been submitted to, and reviewed and approved by, the DTSC. Lastly, closure will also require recording of an LUC for areas of the Site where COCs remain in soil at concentrations less than the project cleanup goals, but exceeding residential screening criteria. Those areas include dioxin impacted areas; the Old Mill dip tank, boiler room, and refuse burner areas; the New Mill dump, AST, and UST areas AST and UST areas (Figure 2).

The following section describes the LUC.

LUC

An LUC is required for areas of the Site where COCs remain in soil at concentrations exceeding residential screening criteria (Figure 2). The LUC will record which COCs are present in soil on the Site and where, and the types of land uses that will be allowed in those areas. The LUC will recognize that the proposed commercial/industrial and recreational land uses are compatible with COCs remaining in soil at concentrations less than the project cleanup goals and will state that unrestricted land uses (e.g., residential development, schools, daycare, hospital, senior care, etc.) will not be allowed on those areas of the Site. The LUC will also recognize that drilling for water, oil, or gas is prohibited.

The LUC will be prepared consistent with the DTSC policy and finalized and recorded after the removal action is complete and before closure of the Site is certified by DTSC. The LUC will "run with the property" and stay in effect as long as the identified COCs are present in soil, and until terminated by DTSC. Pursuant to Section 67391.1 of Title 22, Division 4.5, Chapter 39, CCR, the project proponent will pay all costs for DTSC oversight associated with administration of the LUC. The DTSC has the authority to require modification or removal of any land improvements placed in violation of the restrictions.

STOCKPILED SOIL ASSESSMENT

Approximately 600 cy of non-hazardous petroleum-impacted soil and 800 cy of non-hazardous PCP-impacted soil has been excavated with DTSC oversight and remains stockpiled on the Site from prior cleanups. TRC generated the 600 cy of petroleum-impacted soil during excavation of soil at the former equipment shed and we generated the 800 cy of PCP-impacted soil during expanded excavation north and west of the former dip tank. The stockpiles were placed on 6-mil visqueen plastic or concrete pads and covered with 6-mil visqueen plastic weighted with sandbags.

Stockpiled Soil Sample Collection

We collected three four-part composite waste characterization soil samples (Disp. COMP 1 - A thru D, Disp. COMP 2 - A thru D, Disp. COMP 3 - A thru D) from the petroleum-impacted stockpile on April 6, 2022, and two four-part composite soil samples (DTSP3-COMPA-D and DTSP14-COMPA-D) from the PCP-impacted stockpile on May 18 and October 3, 2022, respectively, for laboratory chemical analysis. We created each composite sample by combining individual (discrete) soil samples collected from four separate locations on, and depths within, each soil stockpile in a gallon-sized plastic Ziploc® bag, homogenizing it, and then transferring a portion of the homogenized soil to a clean, 6-inch-long, stainless steel tube. We capped the soil-filled sample tubes with Teflon® sheets and polyethylene end caps, labeled them as described above, and placed them in a chilled cooler for transport to the laboratory under standard chain-of-custody protocol.

Laboratory Analysis

As required by the landfills, all waste characterization soil samples, except DTSP14-COMPA-D were analyzed for:

- California Administrative Manual (CAM) 17 metals by USEPA Method 6010B;
- gasoline-, diesel-, and oil-range organics (GRO/DRO/ORO) by USEPA Method 8015; and
- volatile organic compounds (VOC) by USEPA Method 8260B.

Soil sample DTSP3-COMPA-D was additionally analyzed for semi-volatile organic compounds including PCP by USEPA method 8270 SIM. Soil sample DTSP14-COMPA-D was only analyzed for PCP, which was the primary COC used to determine if soil from the area that that soil was excavated from was a non-hazardous or California-hazardous waste.

Laboratory Analysis Results

As shown on Table 1, GRO and VOCs were not detected in any of the soil stockpile waste characterization samples. DRO and ORO were detected in four soil samples at maximum concentrations of 66 and 140 milligrams per kilogram (mg/kg), respectively, less than the landfill acceptance criteria of 8,000 and 25,000 mg/kg, respectively. PCP was detected in both PCP-impacted soil stockpile samples at concentrations of 3.6 and 4.8 mg/kg, less than the Title 22 Total Threshold Limit Concentration (TTL) for PCP and landfill acceptance criteria for PCP in soil as non-hazardous waste of 17 mg/kg. No other SVOCs were detected.

As shown on Table 2, barium, chromium, cobalt, copper, lead, nickel, vanadium, and zinc were all detected in four of the soil stockpile waste characterization samples, but none at concentrations that exceeded the TTLs or landfill's waste acceptance criteria.

The laboratory analysis reports are attached. The laboratory report for sample DTSP3-COMPA-D includes data from two additional soil samples DTSP1-COMPA-D and DTSP2-COMPA-D. These soil samples were collected from stockpiles that have already been removed from the Site.

CONCLUSIONS AND RECOMMENDATIONS

Following soil cleanup excavation, COCs remain in soil in some areas of the Site at concentrations exceeding residential screening criteria, but are less than the DTSC-approved project cleanup goals for the Site. The approximately 1,400 cy of soil currently stockpiled on the Site from the soil cleanup excavations have been characterized as non-hazardous waste and should be disposed of at an appropriate landfill. Following offsite disposal of the stockpiled soil, a final RACR should be prepared and submitted to the DTSC for their review and approval so that an LUC can be recorded, regulatory cases associated with the Site closed, and the Site redeveloped for commercial/industrial and/or recreational use.

No further assessment of the Site or stockpiles on the Site is warranted.

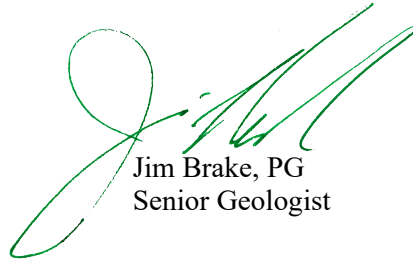
We appreciate the opportunity to assist the SCEDC with this project. Please contact the undersigned if you have any questions concerning this report or if we may be of further service.

Sincerely,

GEOCON CONSULTANTS, INC.



Nicole Hastings
Project Environmental Scientist



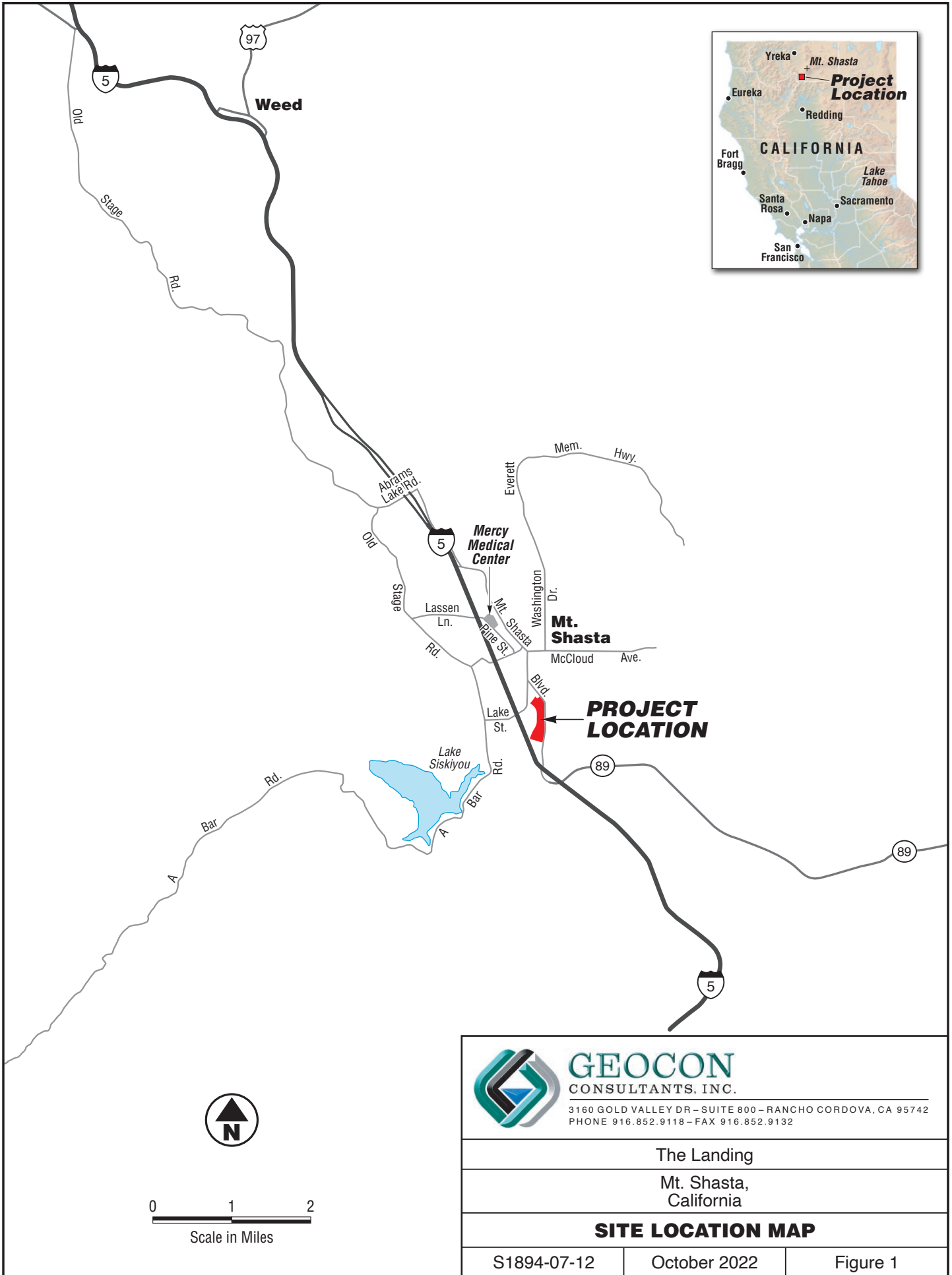
Jim Brake, PG
Senior Geologist

Figure 1, Site Location Map
Figure 2, Site Plan

Table 1, Summary of Laboratory Analysis Results – Petroleum Hydrocarbons, VOCs and SVOCs
Table 2, Summary of Laboratory Analysis Results – CAM 17 Metals

Appendix A Laboratory Analytical Reports

(1) Addressee



GEOCON
CONSULTANTS, INC.

3160 GOLD VALLEY DR - SUITE 800 - RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 - FAX 916.852.9132

The Landing

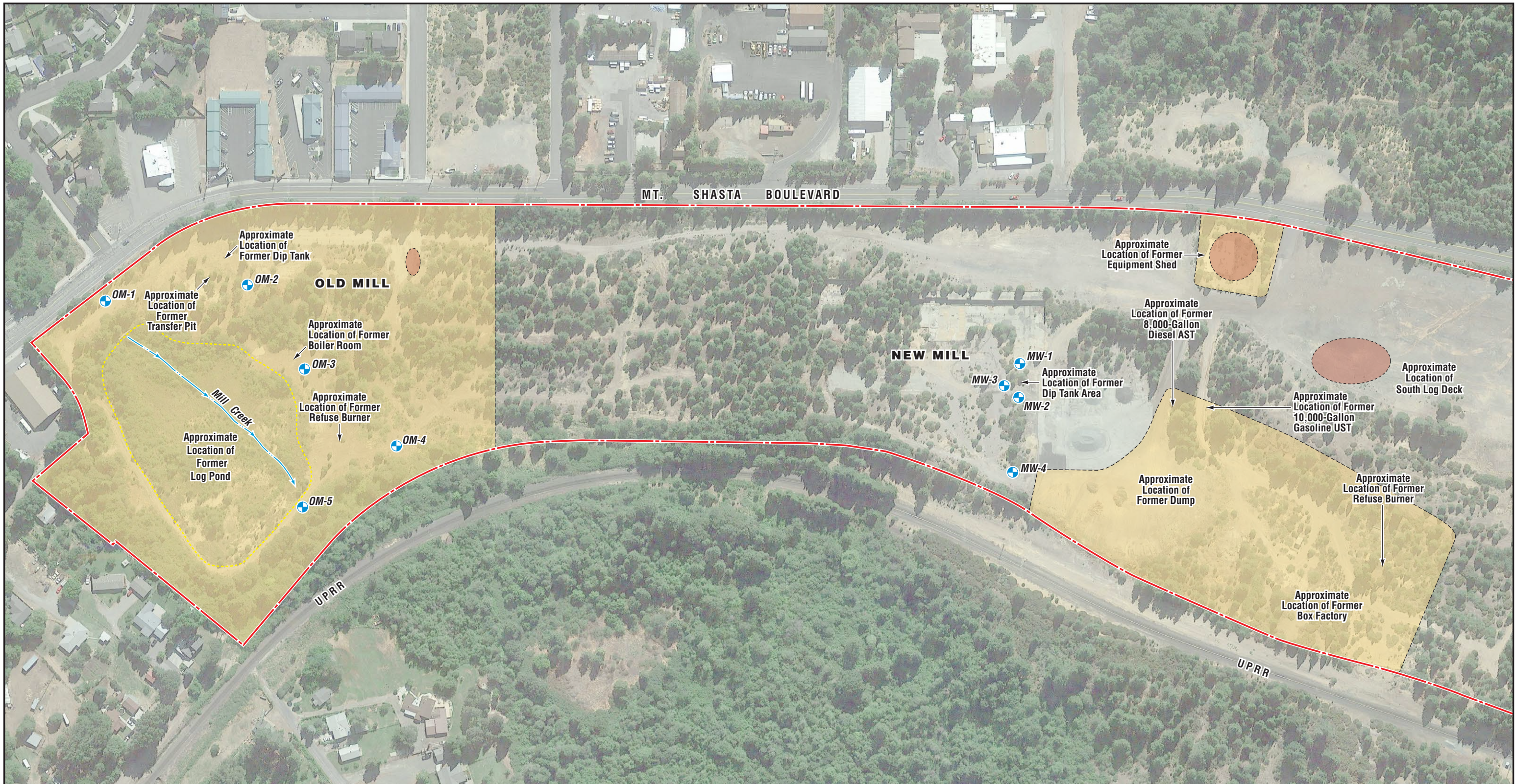
Mt. Shasta,
California

SITE LOCATION MAP

S1894-07-12

October 2022

Figure 1



LEGEND:

- Site Location
- Approximate Monitoring Well Location
- Intermittent Drainage (Mill Creek)
- Potential Land Use Covenant Boundary
- Approximate Stockpile Location



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The Landing

Mt. Shasta,
California

SITE PLAN

S1894-07-12

October 2022

Figure 2

TABLE 1
 SUMMARY OF WASTE CHARACTERIZATION SAMPLES ANALYTICAL RESULTS - PETROLEUM HYDROCARBONS, VOCs, AND SVOCs
 THE LANDING NEW MILL SOUTH
 MT. SHASTA, CALIFORNIA

SAMPLE ID	STOCKPILE SOURCE	SAMPLE DATE	GRO	DRO	ORO	PCP	VOCs	SVOCs
			mg/kg					
Disp. COMP 1 - A thru D	Equipment Shed	4/6/2022	<1.0	11	26	--	ND	--
Disp. COMP 2 - A thru D	Equipment Shed	4/6/2022	<1.0	30	50	--	ND	--
Disp. COMP 3 - A thru D	Equipment Shed	4/6/2022	<1.0	66	140	--	ND	--
DTSP3-COMPA-D	Dip Tank Shallow Excavation	5/18/2022	<1.0	19	31	4.8	ND	ND
DPSP14-COMPA-D	Dip Tank Additonal Excavation	10/3/2022	--	--	--	3.6	--	--
TTLC (mg/kg)			8,000*	8,000*	25,000*	17*	--	--
STLC (mg/l)			--	--	--	1.7	--	--

Notes:

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

GRO = gasoline-range organics

DRO = diesel-range organics

ORO = oil-range organics

VOCs = volatile organic compounds

<, ND = not detected at concentration equal to or greater than laboratory reporting limit

-- = not analyzed or not applicable

* landfill acceptance criteria for non-hazardous soil

TTLC = California Code of Regulations, Title 22 Total Threshold Limit Concentration

STLC = California Code of Regulations, Title 22 Soluble Threshold Limit Concentration

TSCA = Toxic Substances Control Act Threshold Limit Concentration, greater than 50 mg/kg but less than 500 mg/kg

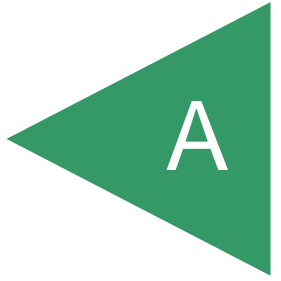
TABLE 2
 SUMMARY OF WASTE CHARACTERIZATION SAMPLES ANALYTICAL RESULTS - TITLE 22 METALS
 THE LANDING NEW MILL SOUTH
 MT. SHASTA, CALIFORNIA

ANALYTE		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
SAMPLE ID	STOCKPILE SOURCE	Results in milligrams per kilogram																
Disp. COMP 1 - A thru D	Equipment Shed	<2.0	<1.0	120	<1.0	<1.0	19	9.1	21	4.8	<1.0	20	<1.0	<1.0	<1.0	44	48	<0.1
Disp. COMP 2 - A thru D	Equipment Shed	<2.0	<1.0	130	<1.0	<1.0	19	9.1	23	4.2	<1.0	24	<1.0	<1.0	<1.0	50	24	<0.099
Disp. COMP 3 - A thru D	Equipment Shed	<2.0	<1.0	130	<1.0	<1.0	22	9.5	27	7.1	<1.0	26	<1.0	<1.0	<1.0	47	33	<0.1
DTSP3-COMPA-D	Dip Tank Shallow Excavation	<2.0	<1.0	130	<1.0	<1.0	23	9.1	22	9.4	<1.0	21	<1.0	<1.0	<2.0	53	36	<0.1
10xSTLC (mg/kg)		150	50	1,000	7.5	10	50	800	250	50	3,500	200	10	50	70	240	2,500	2.0
TTLC (mg/kg)		500	500	10,000	75	100	2,500	8,000	2,500	1,000	3,500	2,000	100	500	700	2,400	5,000	20
STLC (mg/l)		15	5.0	100	0.75	1.0	5.0	80	25	5.0	350	20	1.0	5.0	7.0	24	250	0.2
TCLP (mg/l)		NE	5.0	100	NE	1.0	5.0	NE	NE	5.0	NE	NE	1.0	5.0	NE	NE	NE	0.2

Notes: < = less than laboratory reporting limits
 * soluble lead concentration by the Toxicity Characteristic Leaching Procedure
 TTLC = California Code of Regulations, Title 22 Total Threshold Limit Concentration
 STLC = California Code of Regulations, Title 22 Soluble Threshold Limit Concentration
 TCLP = Toxicity Characteristic Leaching Procedure, Federal Resource Conservation and Recovery Act Hazardous Waste Criteria

APPENDIX

A



April 19, 2022

Nicole Hastings-Bethel
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742

TEL: (916) 852-9118

FAX: (916) 852-9132

Workorder No.: N050184

RE: The Landing - Mt Shasta, S9850-07-13C/D

Attention: Nicole Hastings-Bethel

Enclosed are the results for sample(s) received on April 07, 2022 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P: 562.219.7435 F: 562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

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CLIENT: Geocon Consultants, Inc.
Project: The Landing - Mt Shasta, S9850-07-13C/D
Lab Order: N050184

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 8260B:

RPD of Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for 2-Butanone in QC samples N050182-001-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Sample Duplicate (DUP) is outside criteria; however, the Laboratory Control Sample (LCS) validated the analytical batch.

Analytical Comments for EPA 6010B:

RPD for Sample Duplicate (DUP) is outside criteria; however, the Laboratory Control Sample (LCS) validated the analytical batch.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for some analytes possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 7471A:

Laboratory Control Sample (LCS) recovery biased high for Mercury. Sample results were non-detect (ND) for these analytes therefore reanalysis of the samples was not necessary.

Matrix Spike (MS) is outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: Geocon Consultants, Inc.
Project: The Landing - Mt Shasta, S9850-07-13C/D
Lab Order: N050184
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N050184-001A	Disp. Comp 1- A thru D	Soil	4/6/2022 9:05:00 AM	4/7/2022	4/19/2022
N050184-002A	Disp. Comp 2- A thru D	Soil	4/6/2022 9:15:00 AM	4/7/2022	4/19/2022
N050184-003A	Disp. Comp 3- A thru D	Soil	4/6/2022 9:30:00 AM	4/7/2022	4/19/2022



ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 19-Apr-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: Disp. Comp 1- A thru D
Lab Order: N050184	Collection Date: 4/6/2022 9:05:00 AM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050184-001	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220417A	QC Batch: P22VS054	PrepDate:	Analyst: CA		
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	4/17/2022 09:46 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
2-Butanone	ND	50	µg/Kg	1	4/17/2022 09:46 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Benzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Bromobenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Bromoform	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Bromomethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Chlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Chloroethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Chloroform	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Chloromethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P:562.219.7435 F:562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 19-Apr-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: Disp. Comp 1- A thru D
Lab Order: N050184	Collection Date: 4/6/2022 9:05:00 AM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050184-001	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220417A	QC Batch: P22VS054	PrepDate:	Analyst: CA		
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Dibromomethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Ethylbenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Freon-113	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
m,p-Xylene	ND	10	µg/Kg	1	4/17/2022 09:46 PM
Methylene chloride	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
MTBE	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Naphthalene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
o-Xylene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Styrene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Toluene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Trichloroethene	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Vinyl chloride	ND	5.0	µg/Kg	1	4/17/2022 09:46 PM
Surr: 1,2-Dichloroethane-d4	114	62-165	%REC	1	4/17/2022 09:46 PM
Surr: 4-Bromofluorobenzene	89.5	71-125	%REC	1	4/17/2022 09:46 PM
Surr: Dibromofluoromethane	115	74-143	%REC	1	4/17/2022 09:46 PM
Surr: Toluene-d8	99.7	80-120	%REC	1	4/17/2022 09:46 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220408C	QC Batch: 92312	PrepDate: 4/8/2022	Analyst: MCC		
DRO	11	10	mg/Kg	1	4/9/2022 04:09 AM
ORO	26	10	mg/Kg	1	4/9/2022 04:09 AM
Surr: p-Terphenyl	81.7	46-158	%REC	1	4/9/2022 04:09 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 19-Apr-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: Disp. Comp 1- A thru D
Lab Order: N050184	Collection Date: 4/6/2022 9:05:00 AM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050184-001	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220411A	QC Batch: Q22VS063	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	4/11/2022 03:28 PM
Surr: Chlorobenzene - d5	89.4	54-144	%REC	1	4/11/2022 03:28 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220409A	QC Batch: 92297	PrepDate: 4/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	4/9/2022 12:28 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220410B	QC Batch: 92296	PrepDate: 4/8/2022	Analyst: DJ		
Antimony	ND	2.0	mg/Kg	1	4/10/2022 08:21 PM
Arsenic	ND	1.0	mg/Kg	1	4/11/2022 06:49 PM
Barium	120	1.0	mg/Kg	1	4/10/2022 08:21 PM
Beryllium	ND	1.0	mg/Kg	1	4/10/2022 08:21 PM
Cadmium	ND	1.0	mg/Kg	1	4/11/2022 06:49 PM
Chromium	19	1.0	mg/Kg	1	4/10/2022 08:21 PM
Cobalt	9.1	1.0	mg/Kg	1	4/11/2022 06:49 PM
Copper	21	2.0	mg/Kg	1	4/10/2022 08:21 PM
Lead	4.8	1.0	mg/Kg	1	4/11/2022 06:49 PM
Molybdenum	ND	1.0	mg/Kg	1	4/10/2022 08:21 PM
Nickel	20	1.0	mg/Kg	1	4/10/2022 08:21 PM
Selenium	ND	1.0	mg/Kg	1	4/11/2022 06:49 PM
Silver	ND	1.0	mg/Kg	1	4/10/2022 08:21 PM
Thallium	ND	2.0	mg/Kg	1	4/11/2022 06:49 PM
Vanadium	44	1.0	mg/Kg	1	4/11/2022 06:49 PM
Zinc	48	1.0	mg/Kg	1	4/11/2022 06:49 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 19-Apr-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: Disp. Comp 2- A thru D
Lab Order: N050184	Collection Date: 4/6/2022 9:15:00 AM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050184-002	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220417A	QC Batch: P22VS054	PrepDate:	Analyst: CA		
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	4/17/2022 10:12 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
2-Butanone	ND	50	µg/Kg	1	4/17/2022 10:12 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Benzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Bromobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Bromoform	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Bromomethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Chlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Chloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Chloroform	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Chloromethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 19-Apr-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: Disp. Comp 2- A thru D
Lab Order: N050184	Collection Date: 4/6/2022 9:15:00 AM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050184-002	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220417A	QC Batch: P22VS054	PrepDate:	Analyst: CA		
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Dibromomethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Ethylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Freon-113	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
m,p-Xylene	ND	10	µg/Kg	1	4/17/2022 10:12 PM
Methylene chloride	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
MTBE	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Naphthalene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
o-Xylene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Styrene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Toluene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Trichloroethene	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Vinyl chloride	ND	5.0	µg/Kg	1	4/17/2022 10:12 PM
Surr: 1,2-Dichloroethane-d4	114	62-165	%REC	1	4/17/2022 10:12 PM
Surr: 4-Bromofluorobenzene	88.3	71-125	%REC	1	4/17/2022 10:12 PM
Surr: Dibromofluoromethane	117	74-143	%REC	1	4/17/2022 10:12 PM
Surr: Toluene-d8	97.7	80-120	%REC	1	4/17/2022 10:12 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220408C	QC Batch: 92312	PrepDate: 4/8/2022	Analyst: MCC		
DRO	30	10	mg/Kg	1	4/9/2022 04:39 AM
ORO	50	10	mg/Kg	1	4/9/2022 04:39 AM
Surr: p-Terphenyl	89.8	46-158	%REC	1	4/9/2022 04:39 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 19-Apr-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: Disp. Comp 2- A thru D
Lab Order: N050184	Collection Date: 4/6/2022 9:15:00 AM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050184-002	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220411A	QC Batch: Q22VS063	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	4/11/2022 04:00 PM
Surr: Chlorobenzene - d5	87.4	54-144	%REC	1	4/11/2022 04:00 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220409A	QC Batch: 92297	PrepDate: 4/8/2022	Analyst: DJ		
Mercury	ND	0.099	mg/Kg	1	4/9/2022 12:32 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220410B	QC Batch: 92296	PrepDate: 4/8/2022	Analyst: DJ		
Antimony	ND	2.0	mg/Kg	1	4/10/2022 08:28 PM
Arsenic	ND	1.0	mg/Kg	1	4/11/2022 06:54 PM
Barium	130	1.0	mg/Kg	1	4/10/2022 08:28 PM
Beryllium	ND	1.0	mg/Kg	1	4/10/2022 08:28 PM
Cadmium	ND	1.0	mg/Kg	1	4/11/2022 06:54 PM
Chromium	19	1.0	mg/Kg	1	4/10/2022 08:28 PM
Cobalt	9.1	1.0	mg/Kg	1	4/11/2022 06:54 PM
Copper	23	2.0	mg/Kg	1	4/10/2022 08:28 PM
Lead	4.2	1.0	mg/Kg	1	4/11/2022 06:54 PM
Molybdenum	ND	1.0	mg/Kg	1	4/10/2022 08:28 PM
Nickel	24	1.0	mg/Kg	1	4/10/2022 08:28 PM
Selenium	ND	1.0	mg/Kg	1	4/11/2022 06:54 PM
Silver	ND	1.0	mg/Kg	1	4/10/2022 08:28 PM
Thallium	ND	2.0	mg/Kg	1	4/11/2022 06:54 PM
Vanadium	50	1.0	mg/Kg	1	4/11/2022 06:54 PM
Zinc	24	1.0	mg/Kg	1	4/11/2022 06:54 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 19-Apr-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: Disp. Comp 3- A thru D
Lab Order: N050184	Collection Date: 4/6/2022 9:30:00 AM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050184-003	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220417A	QC Batch:	P22VS054	PrepDate:	Analyst: CA
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	4/17/2022 10:39 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
2-Butanone	ND	50	µg/Kg	1	4/17/2022 10:39 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Benzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Bromobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Bromoform	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Bromomethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Chlorobenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Chloroethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Chloroform	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Chloromethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 19-Apr-22

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	Disp. Comp 3- A thru D
Lab Order:	N050184	Collection Date:	4/6/2022 9:30:00 AM
Project:	The Landing - Mt Shasta, S9850-07-13C/D	Matrix:	SOIL
Lab ID:	N050184-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220417A	QC Batch: P22VS054	PrepDate:	Analyst: CA		
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Dibromomethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Ethylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Freon-113	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
m,p-Xylene	ND	10	µg/Kg	1	4/17/2022 10:39 PM
Methylene chloride	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
MTBE	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Naphthalene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
o-Xylene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Styrene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Toluene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Trichloroethene	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Vinyl chloride	ND	5.0	µg/Kg	1	4/17/2022 10:39 PM
Surr: 1,2-Dichloroethane-d4	116	62-165	%REC	1	4/17/2022 10:39 PM
Surr: 4-Bromofluorobenzene	84.3	71-125	%REC	1	4/17/2022 10:39 PM
Surr: Dibromofluoromethane	114	74-143	%REC	1	4/17/2022 10:39 PM
Surr: Toluene-d8	96.4	80-120	%REC	1	4/17/2022 10:39 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220408C	QC Batch: 92312	PrepDate: 4/8/2022	Analyst: MCC		
DRO	66	10	mg/Kg	1	4/9/2022 05:09 AM
ORO	140	10	mg/Kg	1	4/9/2022 05:09 AM
Surr: p-Terphenyl	59.0	46-158	%REC	1	4/9/2022 05:09 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 19-Apr-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: Disp. Comp 3- A thru D
Lab Order: N050184	Collection Date: 4/6/2022 9:30:00 AM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050184-003	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC12_220411A	QC Batch: Q22VS063	PrepDate:	Analyst: DJ		
GRO	ND	1.0	mg/Kg	1	4/11/2022 04:33 PM
Surr: Chlorobenzene - d5	84.6	54-144	%REC	1	4/11/2022 04:33 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220409A	QC Batch: 92297	PrepDate: 4/8/2022	Analyst: DJ		
Mercury	ND	0.10	mg/Kg	1	4/9/2022 12:42 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220410B	QC Batch: 92296	PrepDate: 4/8/2022	Analyst: DJ		
Antimony	ND	2.0	mg/Kg	1	4/10/2022 08:34 PM
Arsenic	ND	1.0	mg/Kg	1	4/11/2022 07:18 PM
Barium	130	1.0	mg/Kg	1	4/10/2022 08:34 PM
Beryllium	ND	1.0	mg/Kg	1	4/10/2022 08:34 PM
Cadmium	ND	1.0	mg/Kg	1	4/11/2022 07:18 PM
Chromium	22	1.0	mg/Kg	1	4/10/2022 08:34 PM
Cobalt	9.5	1.0	mg/Kg	1	4/11/2022 07:18 PM
Copper	27	2.0	mg/Kg	1	4/10/2022 08:34 PM
Lead	7.1	1.0	mg/Kg	1	4/11/2022 07:18 PM
Molybdenum	ND	1.0	mg/Kg	1	4/10/2022 08:34 PM
Nickel	26	1.0	mg/Kg	1	4/10/2022 08:34 PM
Selenium	ND	1.0	mg/Kg	1	4/11/2022 07:18 PM
Silver	ND	1.0	mg/Kg	1	4/10/2022 08:34 PM
Thallium	ND	2.0	mg/Kg	1	4/11/2022 07:18 PM
Vanadium	47	1.0	mg/Kg	1	4/11/2022 07:18 PM
Zinc	33	1.0	mg/Kg	1	4/11/2022 07:18 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: MB1-92296	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161488						
Client ID: PBS	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/10/2022	SeqNo: 4595622						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	ND	2.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Chromium	ND	1.0									
Copper	ND	2.0									
Molybdenum	0.179	1.0									
Nickel	ND	1.0									
Silver	ND	1.0									

Sample ID: MB2-92296	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161488						
Client ID: PBS	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/10/2022	SeqNo: 4595623						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	ND	2.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Chromium	ND	1.0									
Copper	ND	2.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Silver	ND	1.0									

Sample ID: LCS-92296	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161488						
Client ID: LCSS	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/10/2022	SeqNo: 4595624						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Antimony	24.428	2.0	25.00	0	97.7	80	120				
Barium	24.661	1.0	25.00	0	98.6	80	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: LCS-92296	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161488						
Client ID: LCSS	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/10/2022	SeqNo: 4595624						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	24.835	1.0	25.00	0	99.3	80	120				
Chromium	24.646	1.0	25.00	0	98.6	80	120				
Copper	24.337	2.0	25.00	0	97.3	80	120				
Molybdenum	25.466	1.0	25.00	0	102	80	120				
Nickel	24.642	1.0	25.00	0	98.6	80	120				
Silver	24.885	1.0	25.00	0	99.5	80	120				

Sample ID: N050182-001A-DUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161488						
Client ID: ZZZZZ	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/10/2022	SeqNo: 4595629						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0						0	0	20	
Barium	46.501	1.0						45.60	1.95	20	
Beryllium	ND	1.0						0	0	20	
Chromium	9.082	1.0						9.122	0.442	20	
Copper	18.201	2.0						18.09	0.631	20	
Molybdenum	ND	1.0						0	0	20	
Nickel	24.158	1.0						19.82	19.7	20	
Silver	ND	1.0						0	0	20	

Sample ID: N050182-001A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161488						
Client ID: ZZZZZ	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/10/2022	SeqNo: 4595631						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	17.622	2.0	24.98	0	70.6	75	125				S
Barium	66.450	1.0	24.98	45.60	83.5	75	125				
Beryllium	22.933	1.0	24.98	0	91.8	75	125				
Chromium	34.238	1.0	24.98	9.122	101	75	125				
Copper	45.305	2.0	24.98	18.09	109	75	125				
Molybdenum	25.584	1.0	24.98	0	102	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: N050182-001A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161488						
Client ID: ZZZZZZ	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/10/2022	SeqNo: 4595631						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	42.333	1.0	24.98	19.82	90.1	75	125				
Silver	34.073	1.0	24.98	0	136	75	125				S

Sample ID: N050182-001A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161488						
Client ID: ZZZZZZ	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/10/2022	SeqNo: 4595634						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	17.134	2.0	24.95	0	68.7	75	125	17.62	2.81	20	S
Barium	69.112	1.0	24.95	45.60	94.2	75	125	66.45	3.93	20	
Beryllium	21.923	1.0	24.95	0	87.9	75	125	22.93	4.50	20	
Chromium	35.933	1.0	24.95	9.122	107	75	125	34.24	4.83	20	
Copper	45.606	2.0	24.95	18.09	110	75	125	45.30	0.662	20	
Molybdenum	24.716	1.0	24.95	0	99.1	75	125	25.58	3.45	20	
Nickel	50.324	1.0	24.95	19.82	122	75	125	42.33	17.2	20	
Silver	31.683	1.0	24.95	0	127	75	125	34.07	7.27	20	S

Sample ID: N050184-003A-DUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161488						
Client ID: ZZZZZZ	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/10/2022	SeqNo: 4595641						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0						0	0	20	
Barium	160.387	1.0						130.6	20.5	20	R
Beryllium	ND	1.0						0	0	20	
Chromium	23.606	1.0						21.61	8.81	20	
Copper	21.982	2.0						26.64	19.2	20	
Molybdenum	ND	1.0						0	0	20	
Nickel	23.742	1.0						25.92	8.77	20	
Silver	ND	1.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: MB1-92296	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161514						
Client ID: PBS	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/11/2022	SeqNo: 4596928						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	ND	1.0									
Cadmium	ND	1.0									
Cobalt	ND	1.0									
Lead	ND	1.0									
Selenium	ND	1.0									
Thallium	ND	2.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: MB2-92296	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161514						
Client ID: PBS	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/11/2022	SeqNo: 4596929						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	ND	1.0									
Cadmium	ND	1.0									
Cobalt	ND	1.0									
Lead	ND	1.0									
Selenium	ND	1.0									
Thallium	ND	2.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: LCS-92296	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161514						
Client ID: LCSS	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/11/2022	SeqNo: 4596930						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	24.736	1.0	25.00	0	98.9	80	120				
Cadmium	23.049	1.0	25.00	0	92.2	80	120				
Cobalt	25.742	1.0	25.00	0	103	80	120				
Lead	24.951	1.0	25.00	0	99.8	80	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: LCS-92296	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161514						
Client ID: LCSS	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/11/2022	SeqNo: 4596930						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	23.449	1.0	25.00	0	93.8	80	120				
Thallium	23.266	2.0	25.00	0	93.1	80	120				
Vanadium	24.218	1.0	25.00	0	96.9	80	120				
Zinc	24.794	1.0	25.00	0	99.2	80	120				

Sample ID: N050182-001A-DUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161514						
Client ID: ZZZZZZ	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/11/2022	SeqNo: 4596936						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0						0	0	20	
Cadmium	0.424	1.0						0.4333	0	20	
Cobalt	6.287	1.0						6.181	1.70	20	
Lead	2.423	1.0						2.832	15.6	20	
Selenium	ND	1.0						0	0	20	
Thallium	ND	2.0						0	0	20	
Vanadium	35.665	1.0						37.31	4.50	20	
Zinc	18.403	1.0						20.95	13.0	20	

Sample ID: N050182-001A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161514						
Client ID: ZZZZZZ	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/11/2022	SeqNo: 4596938						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	20.762	1.0	24.98	0	83.1	75	125				
Cadmium	22.954	1.0	24.98	0.4333	90.2	75	125				
Cobalt	30.906	1.0	24.98	6.181	99.0	75	125				
Lead	26.748	1.0	24.98	2.832	95.8	75	125				
Selenium	18.097	1.0	24.98	0	72.5	75	125				S
Thallium	21.161	2.0	24.98	0	84.7	75	125				
Vanadium	64.498	1.0	24.98	37.31	109	75	125				
Zinc	43.268	1.0	24.98	20.95	89.3	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: N050182-001A-MSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/8/2022		RunNo: 161514	
Client ID: ZZZZZZ		Batch ID: 92296		TestNo: EPA 6010B EPA 3050B				Analysis Date: 4/11/2022		SeqNo: 4596939	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	20.116	1.0	24.95	0	80.6	75	125	20.76	3.16	20	
Cadmium	22.416	1.0	24.95	0.4333	88.1	75	125	22.95	2.37	20	
Cobalt	30.971	1.0	24.95	6.181	99.4	75	125	30.91	0.211	20	
Lead	26.219	1.0	24.95	2.832	93.7	75	125	26.75	2.00	20	
Selenium	17.652	1.0	24.95	0	70.8	75	125	18.10	2.49	20	S
Thallium	20.329	2.0	24.95	0	81.5	75	125	21.16	4.01	20	
Vanadium	63.913	1.0	24.95	37.31	107	75	125	64.50	0.910	20	
Zinc	42.581	1.0	24.95	20.95	86.7	75	125	43.27	1.60	20	

Sample ID: N050184-003A-DUP		SampType: DUP		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/8/2022		RunNo: 161514	
Client ID: ZZZZZZ		Batch ID: 92296		TestNo: EPA 6010B EPA 3050B				Analysis Date: 4/11/2022		SeqNo: 4596950	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0						0	0	20	
Cadmium	0.789	1.0						0.8573	0	20	
Cobalt	9.963	1.0						9.486	4.91	20	
Lead	7.234	1.0						7.123	1.55	20	
Selenium	ND	1.0						0	0	20	
Thallium	ND	2.0						0	0	20	
Vanadium	47.175	1.0						46.62	1.19	20	
Zinc	28.794	1.0						32.88	13.3	20	

Sample ID: N050184-003A-MS		SampType: MS		TestCode: 6010_S		Units: mg/Kg		Prep Date: 4/8/2022		RunNo: 161617	
Client ID: ZZZZZZ		Batch ID: 92296		TestNo: EPA 6010B EPA 3050B				Analysis Date: 4/14/2022		SeqNo: 4600389	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	23.927	2.0	24.95	0	95.9	75	125				
Barium	166.199	1.0	24.95	130.6	143	75	125				S
Beryllium	23.129	1.0	24.95	0	92.7	75	125				
Chromium	47.997	1.0	24.95	21.61	106	75	125				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: N050184-003A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161617						
Client ID: ZZZZZZ	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/14/2022	SeqNo: 4600389						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	56.005	2.0	24.95	26.64	118	75	125				
Molybdenum	25.810	1.0	24.95	0	103	75	125				
Nickel	50.585	1.0	24.95	25.92	98.9	75	125				
Silver	29.931	1.0	24.95	0	120	75	125				

Sample ID: N050184-003A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161617						
Client ID: ZZZZZZ	Batch ID: 92296	TestNo: EPA 6010B EPA 3050B		Analysis Date: 4/14/2022	SeqNo: 4601883						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	22.810	1.0	24.95	0	91.4	75	125				
Cadmium	24.350	1.0	24.95	0.8573	94.2	75	125				
Cobalt	36.825	1.0	24.95	9.486	110	75	125				
Lead	33.519	1.0	24.95	7.123	106	75	125				
Selenium	20.632	1.0	24.95	0	82.7	75	125				
Thallium	23.129	2.0	24.95	0	92.7	75	125				
Vanadium	72.818	1.0	24.95	46.62	105	75	125				
Zinc	54.826	1.0	24.95	32.88	87.9	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB1-92297	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161452						
Client ID: PBS	Batch ID: 92297	TestNo: EPA 7471A		Analysis Date: 4/9/2022	SeqNo: 4592959						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.012	0.10									
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Sample ID: MB2-92297	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161452						
Client ID: PBS	Batch ID: 92297	TestNo: EPA 7471A		Analysis Date: 4/9/2022	SeqNo: 4592960						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.011	0.10									
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Sample ID: LCS-92297	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161452						
Client ID: LCSS	Batch ID: 92297	TestNo: EPA 7471A		Analysis Date: 4/9/2022	SeqNo: 4592961						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.523	0.10	0.4167	0	125	80	120				S
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Sample ID: N050182-002A-DUP	SampType: DUP	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161452						
Client ID: ZZZZZ	Batch ID: 92297	TestNo: EPA 7471A		Analysis Date: 4/9/2022	SeqNo: 4592965						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.038	0.099						0.03879	0	20	
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Sample ID: N050182-002A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161452						
Client ID: ZZZZZ	Batch ID: 92297	TestNo: EPA 7471A		Analysis Date: 4/9/2022	SeqNo: 4592967						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.462	0.10	0.4153	0.03879	102	75	125				
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Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: N050182-002A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161452						
Client ID: ZZZZZZ	Batch ID: 92297	TestNo: EPA 7471A		Analysis Date: 4/9/2022	SeqNo: 4592970						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.491	0.10	0.4146	0.03879	109	75	125	0.4618	6.11	20	

Sample ID: N050184-002A-DUP	SampType: DUP	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161452						
Client ID: ZZZZZZ	Batch ID: 92297	TestNo: EPA 7471A		Analysis Date: 4/9/2022	SeqNo: 4592975						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.092	0.10						0.02821	0	20	

Sample ID: N050184-002A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161452						
Client ID: ZZZZZZ	Batch ID: 92297	TestNo: EPA 7471A		Analysis Date: 4/9/2022	SeqNo: 4592976						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10	0.4160	0.02821	-6.78	75	125				S

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: MB-92312	SampType: MBLK	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161469						
Client ID: PBS	Batch ID: 92312	TestNo: EPA 8015B EPA 3550B		Analysis Date: 4/8/2022	SeqNo: 4593784						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	6.794	10									
ORO	6.422	10									
Surr: p-Terphenyl	70.884		80.00		88.6	46	158				

Sample ID: LCS-92312	SampType: LCS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161469						
Client ID: LCSS	Batch ID: 92312	TestNo: EPA 8015B EPA 3550B		Analysis Date: 4/8/2022	SeqNo: 4593785						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	939.529	10	1000	0	94.0	70	130				
Surr: p-Terphenyl	71.794		80.00		89.7	46	158				

Sample ID: N050166-002A-MS	SampType: MS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161469						
Client ID: ZZZZZ	Batch ID: 92312	TestNo: EPA 8015B EPA 3550B		Analysis Date: 4/8/2022	SeqNo: 4593789						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	961.821	10	1000	7.005	95.5	42	157				
Surr: p-Terphenyl	71.282		80.00		89.1	46	158				

Sample ID: N050166-002A-MSD	SampType: MSD	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161469						
Client ID: ZZZZZ	Batch ID: 92312	TestNo: EPA 8015B EPA 3550B		Analysis Date: 4/8/2022	SeqNo: 4593790						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	958.195	10	1004	7.005	94.7	42	157	961.8	0.378	20	
Surr: p-Terphenyl	71.803		80.32		89.4	46	158		0		

Sample ID: N050166-003A-DUP	SampType: DUP	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161469						
Client ID: ZZZZZ	Batch ID: 92312	TestNo: EPA 8015B EPA 3550B		Analysis Date: 4/8/2022	SeqNo: 4593792						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: N050166-003A-DUP	SampType: DUP	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 4/8/2022	RunNo: 161469						
Client ID: ZZZZZ	Batch ID: 92312	TestNo: EPA 8015B EPA 3550B	Analysis Date: 4/8/2022	SeqNo: 4593792							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	7.156	10						7.079	0	20	
ORO	7.076	10						7.154	0	20	
Surr: p-Terphenyl	71.384		80.81		88.3	46	158		0		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: Q220411LCS	SampType: LCS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 161513						
Client ID: LCSS	Batch ID: Q22VS063	TestNo: EPA 8015B		Analysis Date: 4/11/2022	SeqNo: 4596856						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	5.109	1.0	5.000	0	102	73	134				
Surr: Chlorobenzene - d5	94.599		100.0		94.6	54	144				

Sample ID: Q220411MB	SampType: MBLK	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 161513						
Client ID: PBS	Batch ID: Q22VS063	TestNo: EPA 8015B		Analysis Date: 4/11/2022	SeqNo: 4596857						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	ND	1.0									
Surr: Chlorobenzene - d5	93.378		100.0		93.4	54	144				

Sample ID: N050182-001AMS	SampType: MS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 161513						
Client ID: ZZZZZ	Batch ID: Q22VS063	TestNo: EPA 8015B		Analysis Date: 4/11/2022	SeqNo: 4596860						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	4.957	1.0	5.000	0	99.1	31	165				
Surr: Chlorobenzene - d5	89.559		100.0		89.6	54	144				

Sample ID: N050182-001AMSD	SampType: MSD	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 161513						
Client ID: ZZZZZ	Batch ID: Q22VS063	TestNo: EPA 8015B		Analysis Date: 4/11/2022	SeqNo: 4596861						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	4.566	1.0	5.000	0	91.3	31	165	4.957	8.21	20	
Surr: Chlorobenzene - d5	85.387		100.0		85.4	54	144		0		

Sample ID: N050182-002ADUP	SampType: DUP	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 161513						
Client ID: ZZZZZ	Batch ID: Q22VS063	TestNo: EPA 8015B		Analysis Date: 4/11/2022	SeqNo: 4596863						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	ND	1.0						0	0	20	
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Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: N050182-002ADUP	SampType: DUP	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 161513						
Client ID: ZZZZZ	Batch ID: Q22VS063	TestNo: EPA 8015B		Analysis Date: 4/11/2022	SeqNo: 4596863						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Chlorobenzene - d5	87.258		100.0		87.3	54	144			0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220417LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681
Client ID: LCSS	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605367

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	40.500	5.0	40.00	0	101	71	132				
1,1,1-Trichloroethane	40.030	5.0	40.00	0	100	76	139				
1,1,2,2-Tetrachloroethane	34.980	5.0	40.00	0	87.5	74	123				
1,1,2-Trichloroethane	38.470	5.0	40.00	0	96.2	78	118				
1,1-Dichloroethane	38.000	5.0	40.00	0	95.0	73	129				
1,1-Dichloroethene	41.350	5.0	40.00	0	103	68	127				
1,1-Dichloropropene	41.330	5.0	40.00	0	103	80	133				
1,2,3-Trichlorobenzene	35.780	5.0	40.00	0	89.4	79	120				
1,2,3-Trichloropropane	35.420	5.0	40.00	0	88.6	76	127				
1,2,4-Trichlorobenzene	36.360	5.0	40.00	0	90.9	78	120				
1,2,4-Trimethylbenzene	41.560	5.0	40.00	0	104	80	125				
1,2-Dibromo-3-chloropropane	29.880	10	40.00	0	74.7	60	132				
1,2-Dibromoethane	38.930	5.0	40.00	0	97.3	69	132				
1,2-Dichlorobenzene	38.220	5.0	40.00	0	95.6	80	120				
1,2-Dichloroethane	38.580	5.0	40.00	0	96.5	74	125				
1,2-Dichloropropane	39.590	5.0	40.00	0	99.0	78	120				
1,3,5-Trimethylbenzene	40.110	5.0	40.00	0	100	80	127				
1,3-Dichlorobenzene	37.700	5.0	40.00	0	94.3	80	120				
1,3-Dichloropropane	39.220	5.0	40.00	0	98.0	80	120				
1,4-Dichlorobenzene	38.180	5.0	40.00	0	95.4	80	120				
2,2-Dichloropropane	37.990	5.0	40.00	0	95.0	57	158				
2-Butanone	605.720	50	400.0	0	151	44	162				
2-Chlorotoluene	39.050	5.0	40.00	0	97.6	80	121				
4-Chlorotoluene	40.020	5.0	40.00	0	100	80	123				
4-Isopropyltoluene	41.490	5.0	40.00	0	104	78	125				
Benzene	41.260	5.0	40.00	0	103	80	120				
Bromobenzene	37.310	5.0	40.00	0	93.3	80	120				
Bromodichloromethane	40.380	5.0	40.00	0	101	72	123				
Bromoform	40.390	5.0	40.00	0	101	68	129				
Bromomethane	43.300	5.0	40.00	0	108	42	155				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220417LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681
Client ID: LCSS	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605367

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	43.360	5.0	40.00	0	108	68	146				
Chlorobenzene	40.300	5.0	40.00	0	101	80	120				
Chloroethane	45.100	5.0	40.00	0	113	55	143				
Chloroform	38.010	5.0	40.00	0	95.0	76	128				
Chloromethane	37.710	5.0	40.00	0	94.3	60	132				
cis-1,2-Dichloroethene	36.740	5.0	40.00	0	91.9	74	122				
cis-1,3-Dichloropropene	41.310	5.0	40.00	0	103	77	126				
Dibromochloromethane	37.850	5.0	40.00	0	94.6	76	124				
Dibromomethane	37.750	5.0	40.00	0	94.4	74	121				
Dichlorodifluoromethane	34.060	5.0	40.00	0	85.2	44	140				
Ethylbenzene	40.610	5.0	40.00	0	102	80	121				
Freon-113	41.840	5.0	40.00	0	105	57	151				
Hexachlorobutadiene	34.420	5.0	40.00	0	86.1	75	126				
Isopropylbenzene	40.340	5.0	40.00	0	101	80	124				
m,p-Xylene	84.340	10	80.00	0	105	68	147				
Methylene chloride	37.380	5.0	40.00	0	93.5	66	124				
MTBE	34.450	5.0	40.00	0	86.1	63	131				
n-Butylbenzene	39.970	5.0	40.00	0	99.9	80	138				
n-Propylbenzene	40.930	5.0	40.00	0	102	80	128				
Naphthalene	29.570	5.0	40.00	0	73.9	63	123				
o-Xylene	41.360	5.0	40.00	0	103	80	120				
sec-Butylbenzene	40.400	5.0	40.00	0	101	78	128				
Styrene	42.870	5.0	40.00	0	107	80	120				
tert-Butylbenzene	39.810	5.0	40.00	0	99.5	73	134				
Tetrachloroethene	39.560	5.0	40.00	0	98.9	75	129				
Toluene	41.580	5.0	40.00	0	104	80	120				
trans-1,2-Dichloroethene	37.920	5.0	40.00	0	94.8	70	124				
Trichloroethene	42.380	5.0	40.00	0	106	80	123				
Trichlorofluoromethane	40.420	5.0	40.00	0	101	67	151				
Vinyl chloride	44.760	5.0	40.00	0	112	58	141				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220417LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681						
Client ID: LCSS	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605367						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	48.000		50.00		96.0	62	165				
Surr: 4-Bromofluorobenzene	50.260		50.00		101	71	125				
Surr: Dibromofluoromethane	46.390		50.00		92.8	74	143				
Surr: Toluene-d8	52.600		50.00		105	80	120				

Sample ID: N050182-001AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681						
Client ID: ZZZZZZ	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605368						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	39.250	5.0	40.00	0	98.1	48	152				
1,1,1-Trichloroethane	37.890	5.0	40.00	0	94.7	42	175				
1,1,2,2-Tetrachloroethane	38.650	5.0	40.00	0	96.6	26	179				
1,1,2-Trichloroethane	40.590	5.0	40.00	0	101	29	188				
1,1-Dichloroethane	38.950	5.0	40.00	0	97.4	41	166				
1,1-Dichloroethene	41.280	5.0	40.00	0	103	36	161				
1,1-Dichloropropene	39.640	5.0	40.00	0	99.1	51	157				
1,2,3-Trichlorobenzene	35.500	5.0	40.00	0	88.8	41	151				
1,2,3-Trichloropropane	36.800	5.0	40.00	0	92.0	62	156				
1,2,4-Trichlorobenzene	35.270	5.0	40.00	0	88.2	41	145				
1,2,4-Trimethylbenzene	42.560	5.0	40.00	1.490	103	54	139				
1,2-Dibromo-3-chloropropane	40.070	10	40.00	0	100	44	171				
1,2-Dibromoethane	41.280	5.0	40.00	0	103	48	174				
1,2-Dichlorobenzene	38.350	5.0	40.00	0	95.9	64	130				
1,2-Dichloroethane	40.300	5.0	40.00	0	101	52	160				
1,2-Dichloropropane	39.630	5.0	40.00	0	99.1	54	146				
1,3,5-Trimethylbenzene	40.750	5.0	40.00	0	102	54	138				
1,3-Dichlorobenzene	37.040	5.0	40.00	0	92.6	62	125				
1,3-Dichloropropane	41.630	5.0	40.00	0	104	68	142				
1,4-Dichlorobenzene	36.600	5.0	40.00	0	91.5	63	126				
2,2-Dichloropropane	38.850	5.0	40.00	0	97.1	27	193				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050182-001AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681
Client ID: ZZZZZ	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605368

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	491.420	50	400.0	0	123	16	229				
2-Chlorotoluene	38.960	5.0	40.00	0	97.4	59	135				
4-Chlorotoluene	39.120	5.0	40.00	0	97.8	61	134				
4-Isopropyltoluene	39.550	5.0	40.00	0	98.9	45	137				
Benzene	40.510	5.0	40.00	0	101	56	141				
Bromobenzene	36.700	5.0	40.00	0	91.8	64	131				
Bromodichloromethane	40.190	5.0	40.00	0	100	52	148				
Bromoform	41.070	5.0	40.00	0	103	54	156				
Bromomethane	46.740	5.0	40.00	0	117	28	166				
Carbon tetrachloride	40.840	5.0	40.00	0	102	45	162				
Chlorobenzene	40.000	5.0	40.00	0	100	63	128				
Chloroethane	42.860	5.0	40.00	0	107	4	182				
Chloroform	38.300	5.0	40.00	0	95.8	45	165				
Chloromethane	36.260	5.0	40.00	0	90.7	33	162				
cis-1,2-Dichloroethene	37.570	5.0	40.00	0	93.9	50	152				
cis-1,3-Dichloropropene	41.150	5.0	40.00	0	103	53	158				
Dibromochloromethane	39.950	5.0	40.00	0	99.9	59	150				
Dibromomethane	38.020	5.0	40.00	0	95.1	54	155				
Dichlorodifluoromethane	32.990	5.0	40.00	0	82.5	28	152				
Ethylbenzene	41.030	5.0	40.00	2.780	95.6	60	132				
Freon-113	41.720	5.0	40.00	0	104	26	181				
Hexachlorobutadiene	31.460	5.0	40.00	0	78.7	31	142				
Isopropylbenzene	39.650	5.0	40.00	0	99.1	50	138				
m,p-Xylene	88.670	10	80.00	11.58	96.4	57	142				
Methylene chloride	39.440	5.0	40.00	0	98.6	46	154				
MTBE	37.950	5.0	40.00	0	94.9	52	165				
n-Butylbenzene	38.010	5.0	40.00	0	95.0	42	152				
n-Propylbenzene	39.370	5.0	40.00	0	98.4	53	140				
Naphthalene	31.800	5.0	40.00	0	79.5	37	158				
o-Xylene	42.030	5.0	40.00	4.350	94.2	59	130				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050182-001AMS		SampType: MS		TestCode: 8260SOIL		Units: µg/Kg		Prep Date:		RunNo: 161681	
Client ID: ZZZZZ		Batch ID: P22VS054		TestNo: EPA 8260B				Analysis Date: 4/17/2022		SeqNo: 4605368	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	38.890	5.0	40.00	0	97.2	48	137				
Styrene	43.250	5.0	40.00	0	108	60	133				
tert-Butylbenzene	38.290	5.0	40.00	0	95.7	49	139				
Tetrachloroethene	36.190	5.0	40.00	0	90.5	50	141				
Toluene	45.310	5.0	40.00	18.79	66.3	47	148				
trans-1,2-Dichloroethene	38.570	5.0	40.00	0	96.4	43	151				
Trichloroethene	39.810	5.0	40.00	0	99.5	25	184				
Trichlorofluoromethane	40.100	5.0	40.00	0	100	31	186				
Vinyl chloride	43.770	5.0	40.00	0	109	28	174				
Surr: 1,2-Dichloroethane-d4	50.370		50.00		101	62	165				
Surr: 4-Bromofluorobenzene	50.730		50.00		101	71	125				
Surr: Dibromofluoromethane	48.420		50.00		96.8	74	143				
Surr: Toluene-d8	51.030		50.00		102	80	120				

Sample ID: N050182-001AMSD		SampType: MSD		TestCode: 8260SOIL		Units: µg/Kg		Prep Date:		RunNo: 161681	
Client ID: ZZZZZ		Batch ID: P22VS054		TestNo: EPA 8260B				Analysis Date: 4/17/2022		SeqNo: 4605369	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	41.970	5.0	40.00	0	105	48	152	39.25	6.70	20	
1,1,1-Trichloroethane	43.100	5.0	40.00	0	108	42	175	37.89	12.9	20	
1,1,2,2-Tetrachloroethane	41.200	5.0	40.00	0	103	26	179	38.65	6.39	20	
1,1,2-Trichloroethane	41.720	5.0	40.00	0	104	29	188	40.59	2.75	20	
1,1-Dichloroethane	41.900	5.0	40.00	0	105	41	166	38.95	7.30	20	
1,1-Dichloroethene	42.350	5.0	40.00	0	106	36	161	41.28	2.56	20	
1,1-Dichloropropene	41.010	5.0	40.00	0	103	51	157	39.64	3.40	20	
1,2,3-Trichlorobenzene	39.090	5.0	40.00	0	97.7	41	151	35.50	9.63	20	
1,2,3-Trichloropropane	40.510	5.0	40.00	0	101	62	156	36.80	9.60	20	
1,2,4-Trichlorobenzene	39.430	5.0	40.00	0	98.6	41	145	35.27	11.1	20	
1,2,4-Trimethylbenzene	46.350	5.0	40.00	1.490	112	54	139	42.56	8.53	20	
1,2-Dibromo-3-chloropropane	40.020	10	40.00	0	100	44	171	40.07	0.125	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
 Work Order: N050184
 Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050182-001AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681						
Client ID: ZZZZZ	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605369						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	40.880	5.0	40.00	0	102	48	174	41.28	0.974	20	
1,2-Dichlorobenzene	41.940	5.0	40.00	0	105	64	130	38.35	8.94	20	
1,2-Dichloroethane	41.330	5.0	40.00	0	103	52	160	40.30	2.52	20	
1,2-Dichloropropane	40.730	5.0	40.00	0	102	54	146	39.63	2.74	20	
1,3,5-Trimethylbenzene	45.050	5.0	40.00	0	113	54	138	40.75	10.0	20	
1,3-Dichlorobenzene	40.910	5.0	40.00	0	102	62	125	37.04	9.93	20	
1,3-Dichloropropane	41.760	5.0	40.00	0	104	68	142	41.63	0.312	20	
1,4-Dichlorobenzene	40.920	5.0	40.00	0	102	63	126	36.60	11.1	20	
2,2-Dichloropropane	41.500	5.0	40.00	0	104	27	193	38.85	6.60	20	
2-Butanone	601.350	50	400.0	0	150	16	229	491.4	20.1	20	R
2-Chlorotoluene	41.360	5.0	40.00	0	103	59	135	38.96	5.98	20	
4-Chlorotoluene	42.580	5.0	40.00	0	106	61	134	39.12	8.47	20	
4-Isopropyltoluene	43.710	5.0	40.00	0	109	45	137	39.55	9.99	20	
Benzene	43.370	5.0	40.00	0	108	56	141	40.51	6.82	20	
Bromobenzene	39.610	5.0	40.00	0	99.0	64	131	36.70	7.63	20	
Bromodichloromethane	42.180	5.0	40.00	0	105	52	148	40.19	4.83	20	
Bromoform	41.960	5.0	40.00	0	105	54	156	41.07	2.14	20	
Bromomethane	47.380	5.0	40.00	0	118	28	166	46.74	1.36	20	
Carbon tetrachloride	42.450	5.0	40.00	0	106	45	162	40.84	3.87	20	
Chlorobenzene	40.980	5.0	40.00	0	102	63	128	40.00	2.42	20	
Chloroethane	48.320	5.0	40.00	0	121	4	182	42.86	12.0	20	
Chloroform	40.920	5.0	40.00	0	102	45	165	38.30	6.61	20	
Chloromethane	38.250	5.0	40.00	0	95.6	33	162	36.26	5.34	20	
cis-1,2-Dichloroethene	38.020	5.0	40.00	0	95.1	50	152	37.57	1.19	20	
cis-1,3-Dichloropropene	43.550	5.0	40.00	0	109	53	158	41.15	5.67	20	
Dibromochloromethane	38.110	5.0	40.00	0	95.3	59	150	39.95	4.71	20	
Dibromomethane	39.620	5.0	40.00	0	99.0	54	155	38.02	4.12	20	
Dichlorodifluoromethane	35.740	5.0	40.00	0	89.4	28	152	32.99	8.00	20	
Ethylbenzene	44.410	5.0	40.00	2.780	104	60	132	41.03	7.91	20	
Freon-113	45.900	5.0	40.00	0	115	26	181	41.72	9.54	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CALIFORNIA | P: 562.219.7435 | F: 562.219.7436 | 11110 Artesia Blvd., Ste B, Cerritos, CA 90703 | ELAP Cert 2921 | EPA ID CA01638
 NEVADA | P: 702.307.2659 | F: 702.307.2691 | 3151 W. Post Rd., Las Vegas, NV 89118 | ELAP Cert 2676 | NV Cert NVO0922 | ORELAP/NELAP Cert 4046

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050182-001AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681						
Client ID: ZZZZZ	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605369						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	36.870	5.0	40.00	0	92.2	31	142	31.46	15.8	20	
Isopropylbenzene	43.910	5.0	40.00	0	110	50	138	39.65	10.2	20	
m,p-Xylene	96.830	10	80.00	11.58	107	57	142	88.67	8.80	20	
Methylene chloride	40.570	5.0	40.00	0	101	46	154	39.44	2.82	20	
MTBE	39.420	5.0	40.00	0	98.6	52	165	37.95	3.80	20	
n-Butylbenzene	42.810	5.0	40.00	0	107	42	152	38.01	11.9	20	
n-Propylbenzene	44.360	5.0	40.00	0	111	53	140	39.37	11.9	20	
Naphthalene	32.560	5.0	40.00	0	81.4	37	158	31.80	2.36	20	
o-Xylene	46.630	5.0	40.00	4.350	106	59	130	42.03	10.4	20	
sec-Butylbenzene	42.220	5.0	40.00	0	106	48	137	38.89	8.21	20	
Styrene	46.340	5.0	40.00	0	116	60	133	43.25	6.90	20	
tert-Butylbenzene	42.910	5.0	40.00	0	107	49	139	38.29	11.4	20	
Tetrachloroethene	36.980	5.0	40.00	0	92.5	50	141	36.19	2.16	20	
Toluene	53.710	5.0	40.00	18.79	87.3	47	148	45.31	17.0	20	
trans-1,2-Dichloroethene	40.200	5.0	40.00	0	101	43	151	38.57	4.14	20	
Trichloroethene	42.420	5.0	40.00	0	106	25	184	39.81	6.35	20	
Trichlorofluoromethane	42.200	5.0	40.00	0	106	31	186	40.10	5.10	20	
Vinyl chloride	47.310	5.0	40.00	0	118	28	174	43.77	7.77	20	
Surr: 1,2-Dichloroethane-d4	51.430		50.00		103	62	165		0		
Surr: 4-Bromofluorobenzene	51.090		50.00		102	71	125		0		
Surr: Dibromofluoromethane	48.710		50.00		97.4	74	143		0		
Surr: Toluene-d8	49.340		50.00		98.7	80	120		0		

Sample ID: P220417MB3	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681						
Client ID: PBS	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605372						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220417MB3	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681
Client ID: PBS	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605372

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	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	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220417MB3	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681						
Client ID: PBS	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605372						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	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									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	53.470		50.00		107	62	165				
Surr: 4-Bromofluorobenzene	45.560		50.00		91.1	71	125				
Surr: Dibromofluoromethane	53.040		50.00		106	74	143				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220417MB3	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681						
Client ID: PBS	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605372						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	49.530		50.00		99.1	80	120				

Sample ID: N050182-002ADUP	SampType: DUP	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681						
Client ID: ZZZZZ	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605378						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	
1,2,4-Trimethylbenzene	0.950	5.0						0	0	20	
1,2-Dibromo-3-chloropropane	ND	10						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	ND	5.0						0	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Butanone	ND	50						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050182-002ADUP	SampType: DUP	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681
Client ID: ZZZZZ	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605378

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	ND	5.0						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethylbenzene	2.180	5.0						1.200	0	20	
Freon-113	ND	5.0						0	0	20	
Hexachlorobutadiene	ND	5.0						0	0	20	
Isopropylbenzene	ND	5.0						0	0	20	
m,p-Xylene	8.720	10						4.710	0	20	
Methylene chloride	ND	5.0						0	0	20	
MTBE	ND	5.0						0	0	20	
n-Butylbenzene	ND	5.0						0	0	20	
n-Propylbenzene	ND	5.0						0	0	20	
Naphthalene	ND	5.0						0	0	20	
o-Xylene	3.330	5.0						1.710	0	20	
sec-Butylbenzene	ND	5.0						0	0	20	
Styrene	ND	5.0						0	0	20	
tert-Butylbenzene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050184
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050182-002ADUP	SampType: DUP	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 161681						
Client ID: ZZZZZ	Batch ID: P22VS054	TestNo: EPA 8260B		Analysis Date: 4/17/2022	SeqNo: 4605378						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	ND	5.0						0	0	20	
Toluene	16.320	5.0						8.340	64.7	20	R
trans-1,2-Dichloroethene	ND	5.0						0	0	20	
Trichloroethene	ND	5.0						0	0	20	
Trichlorofluoromethane	ND	5.0						0	0	20	
Vinyl chloride	ND	5.0						0	0	20	
Surr: 1,2-Dichloroethane-d4	54.090		50.00		108	62	165		0		
Surr: 4-Bromofluorobenzene	46.910		50.00		93.8	71	125		0		
Surr: Dibromofluoromethane	51.470		50.00		103	74	143		0		
Surr: Toluene-d8	49.170		50.00		98.3	80	120		0		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CHAIN OF CUSTODY RECORD

GEOCO02
FOLDER

C: 4/14/2022 12:00 AM
R: 4/7/2022

N050184-004A

1 of 1

Page 1 of 1



Client: Geocon Consultants, Inc.	Report to: Nicole Hastings-Bethel	Bill to: Nicole Hastings-Bethel	Excel EDD <input type="checkbox"/>	RTNE <input checked="" type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>
Address: 3160 Gold Valley Drive, #800	Company: Geocon	Address:	Geotracker <input type="checkbox"/>	RWQCB <input type="checkbox"/>	1. Chilled <input checked="" type="checkbox"/> <input type="checkbox"/>
Address: Rancho Cordova, CA 95742	Email: hastings@geoconinc.com		Labspec <input type="checkbox"/>	CalTrans <input type="checkbox"/>	2. Headspace <input type="checkbox"/> <input type="checkbox"/>
Phone: 916-852-9118	Address:	Email to:	Others <input type="checkbox"/>	Level III <input type="checkbox"/>	3. Container Intact <input checked="" type="checkbox"/> <input type="checkbox"/>
Submitted By: Nicole Hastings-Bethel		PO#:	Specify:	LEVEL IV <input type="checkbox"/>	4. Seal Present <input type="checkbox"/> <input checked="" type="checkbox"/>
Title: Project Manager	Phone:	Fax:	Global ID:	Regulatory <input type="checkbox"/>	5. IR number <input type="checkbox"/> 3
Signature:	Date:	Matrix	Analyses Requested	Specify State:	6. Method of Cooling Jie

I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Signature: *J. Esquivel* **Date:** 4/6/22

Project Name: The Landing - Mt Shasta
Project Number: S9850-07-13C/D

Signature: *[Signature]* **Date:** 4/6/22

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	GRO/DRO/ORO 8015B	CAM 17 Metals 6010B/7471A	VOCs 8260B	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N050184-01	Disp. Comp. 1 - A thru D	4/6/22	0905		X		X	X	X	ET	1	TC		4 Part Composite
2	-02	Disp. Comp. 2 - A thru D	↓	0915		↓		↓	↓	↓	↓	↓	↓	↓	↓
3	-03	Disp. Comp. 3 - A thru D	↓	0930		↓		↓	↓	↓	↓	↓	↓	↓	↓
4															
5															
6															
7															
8															
9															
10															
11															
12															

Relinquished by (Signature and Printed Name): <i>[Signature]</i>	Date / Time: 4/6/22 1500	Received by (Signature and Printed Name): GLS	Date / Time: 4/6/22 1500	Turn Around Time (TAT): <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00 PM.	Special Instruction:
Relinquished by (Signature and Printed Name): <i>[Signature]</i>	Date / Time:	Received by (Signature and Printed Name): Yoandro Rodriguez	Date / Time: 4/3/22		
Relinquished by (Signature and Printed Name): <i>[Signature]</i>	Date / Time:	Received by (Signature and Printed Name): <i>[Signature]</i>	Date / Time: 1253		

Terms:
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.

Preservatives:
H = HCl N = HNO3 S = H2SO4 C = 4°C
Z = Zn(AC)2 O = NaOH T = Na2S2O3

Container Type:
T = Tube V = VOA P = Pint
J = Jar B = Tedlar G = Glass
M = Metal P = Plastic C = Can

White = Laboratory Copy Yellow = Customer's Copy

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/7/2022 Workorder: N050184
 Rep sample Temp (Deg C): 4.9 IR Gun ID: 3
 Temp Blank: Yes No
 Carrier name: Golden State Overnight
 Last 4 digits of Tracking No.: 2177 Packing Material Used: Bubble Wrap
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 4/7/2022

Reviewed By: ABC 4/9/2022

ASSET Laboratories

WORK ORDER Summary

09-Apr-22

WorkOrder: N050184

Client ID: GEOCO02

Project: The Landing - Mt Shasta, S9850-07-13C/D

QC Level: RTNE

Date Received: 4/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N050184-001A	Disp. Comp 1- A thru D	4/6/2022 9:05:00 AM	4/14/2022	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N050184-002A	Disp. Comp 2- A thru D	4/6/2022 9:15:00 AM	4/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N050184-003A	Disp. Comp 3- A thru D	4/6/2022 9:30:00 AM	4/14/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS

ASSET Laboratories

WORK ORDER Summary

09-Apr-22

WorkOrder: N050184

Client ID: GEOCO02

Project: The Landing - Mt Shasta, S9850-07-13C/D

QC Level: RTNE

Date Received: 4/7/2022

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N050184-003A	Disp. Comp 3- A thru D	4/6/2022 9:30:00 AM	4/14/2022	Soil	EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/14/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/14/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/14/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/14/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N050184-004A	FOLDER	4/14/2022	4/14/2022	Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB	
			4/14/2022	Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB	

GLS.

800-322-5555
www.gls-us.com

Ship From
ADVANCED TECHNOLOGY
LABORATORIES, INC.
MARLON CARTIN
3151 W. POST RD.
LAS VEGAS, NV 89118

Tracking #: 556522177

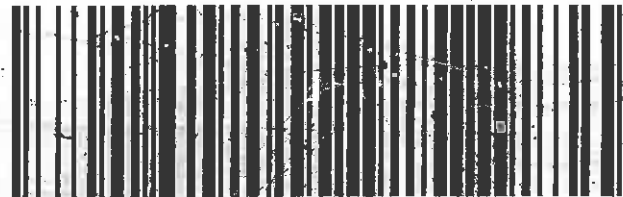
CPS



Ship To
ASSET LABORATORIES
SAMPLE RECEIVING
3151 W. POST ROAD
LAS VEGAS, NV 89118

LAS VEGAS

C89102A



COD: \$0.00
Weight: 30 lb(s)
Reference:
S9850-07-13C-D
Delivery Instructions:

62678478

Signature Type: STANDARD

LVS NV891-A 1

Print Date: 4/6/2022 11:02 AM

4.98
268
7/27/3

USTODY SEAL
ENVIRONMENTAL SAMPLING SUPPLY
ULTRA CLEANED CONTAINERS
BEFORE ACCEPTING

**ENVIRONMENTAL SAMPLING SUPPLY
ULTRA CLEANED CONTAINERS
BEFORE ACCEPTING**

June 03, 2022

Nicole Hastings
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742

TEL: (916) 852-9118

FAX: (916) 852-9132

Workorder No.: N050851

RE: The Landing - Mt Shasta, S9850-07-13C/D

Attention: Nicole Hastings

Enclosed are the results for sample(s) received on May 20, 2022 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P: 562.219.7435 F: 562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

CLIENT: Geocon Consultants, Inc.
Project: The Landing - Mt Shasta, S9850-07-13C/D
Lab Order: N050851

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6010B:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for some analytes in QC samples N050832-002A-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 7471A:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 8260B:

Surrogate Toluene-d8 recovery biased high for N050851-001A possibly due to matrix interferences. Sample results were non-detect (ND) for analytes of interest therefore reanalysis of the sample was not necessary.

RPD of Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside criteria for trans-1,2-Dichloroethene in QC samples N050851-003-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: Geocon Consultants, Inc.
Project: The Landing - Mt Shasta, S9850-07-13C/D
Lab Order: N050851
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N050851-001A	DTSP1-COMPA-D	Soil	5/18/2022 7:40:00 AM	5/20/2022	6/3/2022
N050851-002A	DTSP2-COMPA-D	Soil	5/18/2022 7:45:00 AM	5/20/2022	6/3/2022
N050851-003A	DTSP3-COMPA-D	Soil	5/18/2022 2:30:00 PM	5/20/2022	6/3/2022



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	DTSP1-COMPA-D
Lab Order:	N050851	Collection Date:	5/18/2022 7:40:00 AM
Project:	The Landing - Mt Shasta, S9850-07-13C/D	Matrix:	SOIL
Lab ID:	N050851-001		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
	EPA 3546			EPA 8270C		
RunID: NV00922-MS3_220525E	QC Batch: 93038			PrepDate: 5/24/2022		Analyst: PL
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	5/26/2022 06:01 AM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	5/26/2022 06:01 AM
2,4-Dichlorophenol	ND	1700		µg/Kg	1	5/26/2022 06:01 AM
2,4-Dimethylphenol	ND	330		µg/Kg	1	5/26/2022 06:01 AM
2,4-Dinitrophenol	ND	1700		µg/Kg	1	5/26/2022 06:01 AM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
2-Chloronaphthalene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
2-Chlorophenol	ND	330		µg/Kg	1	5/26/2022 06:01 AM
2-Methylnaphthalene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
2-Methylphenol	ND	330		µg/Kg	1	5/26/2022 06:01 AM
2-Nitroaniline	ND	1700		µg/Kg	1	5/26/2022 06:01 AM
2-Nitrophenol	ND	330		µg/Kg	1	5/26/2022 06:01 AM
3,3'-Dichlorobenzidine	ND	660		µg/Kg	1	5/26/2022 06:01 AM
3-Nitroaniline	ND	1700		µg/Kg	1	5/26/2022 06:01 AM
4,6-Dinitro-2-methylphenol	ND	1700		µg/Kg	1	5/26/2022 06:01 AM
4-Bromophenyl-phenylether	ND	330		µg/Kg	1	5/26/2022 06:01 AM
4-Chloro-3-methylphenol	ND	660		µg/Kg	1	5/26/2022 06:01 AM
4-Chloroaniline	ND	660		µg/Kg	1	5/26/2022 06:01 AM
4-Chlorophenyl-phenylether	ND	330		µg/Kg	1	5/26/2022 06:01 AM
4-Methylphenol	ND	330		µg/Kg	1	5/26/2022 06:01 AM
4-Nitroaniline	ND	1700		µg/Kg	1	5/26/2022 06:01 AM
4-Nitrophenol	ND	1700		µg/Kg	1	5/26/2022 06:01 AM
Acenaphthene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
Acenaphthylene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
Anthracene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
Benzo(a)anthracene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
Benzo(a)pyrene	ND	200		µg/Kg	1	5/26/2022 06:01 AM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	5/26/2022 06:01 AM
Benzoic acid	ND	1700		µg/Kg	1	5/26/2022 06:01 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	DTSP1-COMPA-D
Lab Order:	N050851	Collection Date:	5/18/2022 7:40:00 AM
Project:	The Landing - Mt Shasta, S9850-07-13C/D	Matrix:	SOIL
Lab ID:	N050851-001		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 3546		EPA 8270C				
RunID:	QC Batch:	93038	PrepDate:	5/24/2022	Analyst:	PL
Benzyl alcohol	ND	660	µg/Kg	1	5/26/2022 06:01 AM	
Bis(2-chloroethoxy)methane	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Bis(2-chloroethyl)ether	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Bis(2-chloroisopropyl)ether	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Bis(2-ethylhexyl)phthalate	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Butylbenzylphthalate	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Chrysene	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Di-n-butylphthalate	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Di-n-octylphthalate	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Dibenz(a,h)anthracene	ND	200	µg/Kg	1	5/26/2022 06:01 AM	
Dibenzofuran	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Diethylphthalate	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Dimethylphthalate	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Fluoranthene	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Fluorene	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Hexachlorobenzene	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Hexachlorocyclopentadiene	ND	660	µg/Kg	1	5/26/2022 06:01 AM	
Hexachloroethane	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Indeno(1,2,3-cd)pyrene	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Isophorone	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
N-Nitrosodi-n-propylamine	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
N-Nitrosodiphenylamine	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Naphthalene	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Nitrobenzene	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Phenanthrene	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Phenol	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Pyrene	ND	330	µg/Kg	1	5/26/2022 06:01 AM	
Pyridine	ND	1700	µg/Kg	1	5/26/2022 06:01 AM	
Surr: 1,2-Dichlorobenzene-d4	72.7	23-120	%REC	1	5/26/2022 06:01 AM	
Surr: 2,4,6-Tribromophenol	52.2	16-120	%REC	1	5/26/2022 06:01 AM	
Surr: 2-Chlorophenol-d4	55.3	25-120	%REC	1	5/26/2022 06:01 AM	
Surr: 2-Fluorobiphenyl	77.5	25-120	%REC	1	5/26/2022 06:01 AM	
Surr: 2-Fluorophenol	52.8	24-120	%REC	1	5/26/2022 06:01 AM	
Surr: 4-Terphenyl-d14	88.3	19-123	%REC	1	5/26/2022 06:01 AM	
Surr: Nitrobenzene-d5	79.2	17-120	%REC	1	5/26/2022 06:01 AM	
Surr: Phenol-d5	50.4	23-120	%REC	1	5/26/2022 06:01 AM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	DTSP1-COMPA-D
Lab Order:	N050851	Collection Date:	5/18/2022 7:40:00 AM
Project:	The Landing - Mt Shasta, S9850-07-13C/D	Matrix:	SOIL
Lab ID:	N050851-001		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 3546

EPA 8270C

RunID: NV00922-MS3_220527A	QC Batch: 93038				PrepDate: 5/24/2022	Analyst: PL
Pentachlorophenol	50	10		mg/Kg	10	5/27/2022 11:21 AM
Surr: 1,2-Dichlorobenzene-d4	85.1	23-120		%REC	10	5/27/2022 11:21 AM
Surr: 2,4,6-Tribromophenol	40.1	16-120		%REC	10	5/27/2022 11:21 AM
Surr: 2-Chlorophenol-d4	61.8	25-120		%REC	10	5/27/2022 11:21 AM
Surr: 2-Fluorobiphenyl	80.4	25-120		%REC	10	5/27/2022 11:21 AM
Surr: 2-Fluorophenol	57.1	24-120		%REC	10	5/27/2022 11:21 AM
Surr: 4-Terphenyl-d14	95.9	19-123		%REC	10	5/27/2022 11:21 AM
Surr: Nitrobenzene-d5	78.7	17-120		%REC	10	5/27/2022 11:21 AM
Surr: Phenol-d5	56.4	23-120		%REC	10	5/27/2022 11:21 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220522A	QC Batch: P22VS075				PrepDate:	Analyst: CA
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	5/22/2022 05:19 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
2-Butanone	ND	50		µg/Kg	1	5/22/2022 05:19 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	5/22/2022 05:19 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	DTSP1-COMPA-D
Lab Order:	N050851	Collection Date:	5/18/2022 7:40:00 AM
Project:	The Landing - Mt Shasta, S9850-07-13C/D	Matrix:	SOIL
Lab ID:	N050851-001		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220522A	QC Batch:	P22VS075	PrepDate:	Analyst:	CA
4-Isopropyltoluene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Benzene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Bromobenzene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Bromoform	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Bromomethane	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Chloroethane	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Chloroform	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Chloromethane	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Dibromomethane	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Freon-113	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
m,p-Xylene	ND	10	µg/Kg	1	5/22/2022 05:19 PM	
Methylene chloride	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
MTBE	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Naphthalene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
o-Xylene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Styrene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Toluene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Trichloroethene	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	5/22/2022 05:19 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: DTSP1-COMPA-D
Lab Order: N050851	Collection Date: 5/18/2022 7:40:00 AM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050851-001	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220522A	QC Batch: P22VS075	PrepDate:	Analyst: CA
Surr: 1,2-Dichloroethane-d4	135	62-165	%REC 1 5/22/2022 05:19 PM
Surr: 4-Bromofluorobenzene	95.9	71-125	%REC 1 5/22/2022 05:19 PM
Surr: Dibromofluoromethane	136	74-143	%REC 1 5/22/2022 05:19 PM
Surr: Toluene-d8	138	80-120	%REC 1 5/22/2022 05:19 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220523B	QC Batch: 93020	PrepDate: 5/23/2022	Analyst: MCC
DRO	28	10	mg/Kg 1 6/2/2022 09:53 AM
ORO	34	10	mg/Kg 1 6/2/2022 09:53 AM
Surr: p-Terphenyl	123	46-158	%REC 1 6/2/2022 09:53 AM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220521A	QC Batch: E22VS044	PrepDate:	Analyst: CA
GRO	ND	1.0	mg/Kg 1 5/21/2022 05:57 PM
Surr: Chlorobenzene - d5	98.2	54-144	%REC 1 5/21/2022 05:57 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220523A	QC Batch: 92979	PrepDate: 5/21/2022	Analyst: DJ
Mercury	0.51	0.10	mg/Kg 1 5/23/2022 12:03 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220522B	QC Batch: 92981	PrepDate: 5/20/2022	Analyst: DJ
Antimony	ND	2.0	mg/Kg 1 5/22/2022 10:47 AM
Arsenic	ND	1.0	mg/Kg 1 5/22/2022 10:47 AM
Barium	71	1.0	mg/Kg 1 5/22/2022 10:47 AM
Beryllium	ND	1.0	mg/Kg 1 5/22/2022 10:47 AM
Cadmium	ND	1.0	mg/Kg 1 5/22/2022 10:47 AM
Chromium	20	1.0	mg/Kg 1 5/22/2022 10:47 AM
Cobalt	7.5	1.0	mg/Kg 1 5/22/2022 10:47 AM
Copper	15	2.0	mg/Kg 1 5/22/2022 10:47 AM
Lead	6.7	1.0	mg/Kg 1 5/22/2022 10:47 AM
Molybdenum	ND	1.0	mg/Kg 1 5/22/2022 10:47 AM
Nickel	17	1.0	mg/Kg 1 5/22/2022 10:47 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT: Geocon Consultants, Inc.

Client Sample ID: DTSP1-COMPA-D

Lab Order: N050851

Collection Date: 5/18/2022 7:40:00 AM

Project: The Landing - Mt Shasta, S9850-07-13C/D

Matrix: SOIL

Lab ID: N050851-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICP

RunID:	EPA 3050B		EPA 6010B			
	NV00922-ICP2_220522B	QC Batch: 92981	PrepDate:	5/20/2022	Analyst: DJ	
Selenium	ND	1.0	mg/Kg	1	5/22/2022 10:47 AM	
Silver	ND	1.0	mg/Kg	1	5/22/2022 10:47 AM	
Thallium	ND	2.0	mg/Kg	1	5/22/2022 10:47 AM	
Vanadium	43	1.0	mg/Kg	1	5/22/2022 10:47 AM	
Zinc	21	1.0	mg/Kg	1	5/22/2022 10:47 AM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	DTSP2-COMPA-D
Lab Order:	N050851	Collection Date:	5/18/2022 7:45:00 AM
Project:	The Landing - Mt Shasta, S9850-07-13C/D	Matrix:	SOIL
Lab ID:	N050851-002		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
	EPA 3546		EPA 8270C			
RunID: NV00922-MS3_220525E	QC Batch: 93038			PrepDate: 5/24/2022		Analyst: PL
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	5/26/2022 06:26 AM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	5/26/2022 06:26 AM
2,4-Dichlorophenol	ND	1600		µg/Kg	1	5/26/2022 06:26 AM
2,4-Dimethylphenol	ND	330		µg/Kg	1	5/26/2022 06:26 AM
2,4-Dinitrophenol	ND	1600		µg/Kg	1	5/26/2022 06:26 AM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
2-Chloronaphthalene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
2-Chlorophenol	ND	330		µg/Kg	1	5/26/2022 06:26 AM
2-Methylnaphthalene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
2-Methylphenol	ND	330		µg/Kg	1	5/26/2022 06:26 AM
2-Nitroaniline	ND	1600		µg/Kg	1	5/26/2022 06:26 AM
2-Nitrophenol	ND	330		µg/Kg	1	5/26/2022 06:26 AM
3,3'-Dichlorobenzidine	ND	660		µg/Kg	1	5/26/2022 06:26 AM
3-Nitroaniline	ND	1600		µg/Kg	1	5/26/2022 06:26 AM
4,6-Dinitro-2-methylphenol	ND	1600		µg/Kg	1	5/26/2022 06:26 AM
4-Bromophenyl-phenylether	ND	330		µg/Kg	1	5/26/2022 06:26 AM
4-Chloro-3-methylphenol	ND	660		µg/Kg	1	5/26/2022 06:26 AM
4-Chloroaniline	ND	660		µg/Kg	1	5/26/2022 06:26 AM
4-Chlorophenyl-phenylether	ND	330		µg/Kg	1	5/26/2022 06:26 AM
4-Methylphenol	ND	330		µg/Kg	1	5/26/2022 06:26 AM
4-Nitroaniline	ND	1600		µg/Kg	1	5/26/2022 06:26 AM
4-Nitrophenol	ND	1600		µg/Kg	1	5/26/2022 06:26 AM
Acenaphthene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Acenaphthylene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Anthracene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Benzo(a)anthracene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Benzo(a)pyrene	ND	200		µg/Kg	1	5/26/2022 06:26 AM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Benzoic acid	ND	1600		µg/Kg	1	5/26/2022 06:26 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: DTSP2-COMPA-D
Lab Order: N050851	Collection Date: 5/18/2022 7:45:00 AM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050851-002	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 3546			EPA 8270C			
RunID: NV00922-MS3_220525E	QC Batch: 93038			PrepDate:	5/24/2022	Analyst: PL
Benzyl alcohol	ND	660		µg/Kg	1	5/26/2022 06:26 AM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Butylbenzylphthalate	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Chrysene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Di-n-butylphthalate	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Di-n-octylphthalate	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Dibenz(a,h)anthracene	ND	200		µg/Kg	1	5/26/2022 06:26 AM
Dibenzofuran	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Diethylphthalate	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Dimethylphthalate	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Fluoranthene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Fluorene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Hexachlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Hexachlorocyclopentadiene	ND	660		µg/Kg	1	5/26/2022 06:26 AM
Hexachloroethane	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Isophorone	ND	330		µg/Kg	1	5/26/2022 06:26 AM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	5/26/2022 06:26 AM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Naphthalene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Nitrobenzene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Phenanthrene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Phenol	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Pyrene	ND	330		µg/Kg	1	5/26/2022 06:26 AM
Pyridine	ND	1600		µg/Kg	1	5/26/2022 06:26 AM
Surr: 1,2-Dichlorobenzene-d4	65.5	23-120		%REC	1	5/26/2022 06:26 AM
Surr: 2,4,6-Tribromophenol	67.7	16-120		%REC	1	5/26/2022 06:26 AM
Surr: 2-Chlorophenol-d4	64.0	25-120		%REC	1	5/26/2022 06:26 AM
Surr: 2-Fluorobiphenyl	75.0	25-120		%REC	1	5/26/2022 06:26 AM
Surr: 2-Fluorophenol	62.0	24-120		%REC	1	5/26/2022 06:26 AM
Surr: 4-Terphenyl-d14	76.2	19-123		%REC	1	5/26/2022 06:26 AM
Surr: Nitrobenzene-d5	74.2	17-120		%REC	1	5/26/2022 06:26 AM
Surr: Phenol-d5	59.5	23-120		%REC	1	5/26/2022 06:26 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	DTSP2-COMPA-D
Lab Order:	N050851	Collection Date:	5/18/2022 7:45:00 AM
Project:	The Landing - Mt Shasta, S9850-07-13C/D	Matrix:	SOIL
Lab ID:	N050851-002		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 3546

EPA 8270C

RunID:	NV00922-MS3_220527A	QC Batch:	93038	PrepDate:	5/24/2022	Analyst:	PL
Pentachlorophenol	38	10		mg/Kg	10	5/27/2022	11:47 AM
Surr: 1,2-Dichlorobenzene-d4	80.8	23-120		%REC	10	5/27/2022	11:47 AM
Surr: 2,4,6-Tribromophenol	59.6	16-120		%REC	10	5/27/2022	11:47 AM
Surr: 2-Chlorophenol-d4	78.2	25-120		%REC	10	5/27/2022	11:47 AM
Surr: 2-Fluorobiphenyl	77.5	25-120		%REC	10	5/27/2022	11:47 AM
Surr: 2-Fluorophenol	75.0	24-120		%REC	10	5/27/2022	11:47 AM
Surr: 4-Terphenyl-d14	90.6	19-123		%REC	10	5/27/2022	11:47 AM
Surr: Nitrobenzene-d5	75.2	17-120		%REC	10	5/27/2022	11:47 AM
Surr: Phenol-d5	76.2	23-120		%REC	10	5/27/2022	11:47 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220522A	QC Batch:	P22VS075	PrepDate:		Analyst:	CA
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	5/22/2022	04:53 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
2-Butanone	ND	50		µg/Kg	1	5/22/2022	04:53 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	5/22/2022	04:53 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: DTSP2-COMPA-D
Lab Order: N050851	Collection Date: 5/18/2022 7:45:00 AM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050851-002	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220522A	QC Batch: P22VS075	PrepDate:	Analyst: CA		
4-Isopropyltoluene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Benzene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Bromobenzene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Bromoform	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Bromomethane	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Chlorobenzene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Chloroethane	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Chloroform	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Chloromethane	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Dibromomethane	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Ethylbenzene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Freon-113	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
m,p-Xylene	ND	10	µg/Kg	1	5/22/2022 04:53 PM
Methylene chloride	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
MTBE	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Naphthalene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
o-Xylene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Styrene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Toluene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Trichloroethene	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM
Vinyl chloride	ND	5.0	µg/Kg	1	5/22/2022 04:53 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT: Geocon Consultants, Inc.
Lab Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D
Lab ID: N050851-002

Client Sample ID: DTSP2-COMPA-D
Collection Date: 5/18/2022 7:45:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220522A	QC Batch: P22VS075	PrepDate:	Analyst: CA
Surr: 1,2-Dichloroethane-d4	127	62-165	%REC 1 5/22/2022 04:53 PM
Surr: 4-Bromofluorobenzene	93.3	71-125	%REC 1 5/22/2022 04:53 PM
Surr: Dibromofluoromethane	105	74-143	%REC 1 5/22/2022 04:53 PM
Surr: Toluene-d8	113	80-120	%REC 1 5/22/2022 04:53 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220523B	QC Batch: 93020	PrepDate: 5/23/2022	Analyst: MCC
DRO	44	10	mg/Kg 1 6/2/2022 10:24 AM
ORO	70	10	mg/Kg 1 6/2/2022 10:24 AM
Surr: p-Terphenyl	107	46-158	%REC 1 6/2/2022 10:24 AM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220521A	QC Batch: E22VS044	PrepDate:	Analyst: CA
GRO	ND	1.0	mg/Kg 1 5/21/2022 06:58 PM
Surr: Chlorobenzene - d5	96.1	54-144	%REC 1 5/21/2022 06:58 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220523A	QC Batch: 92979	PrepDate: 5/21/2022	Analyst: DJ
Mercury	1.1	0.099	mg/Kg 1 5/23/2022 12:06 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220522B	QC Batch: 92981	PrepDate: 5/20/2022	Analyst: DJ
Antimony	ND	2.0	mg/Kg 1 5/22/2022 10:53 AM
Arsenic	ND	1.0	mg/Kg 1 5/22/2022 10:53 AM
Barium	64	1.0	mg/Kg 1 5/22/2022 10:53 AM
Beryllium	ND	1.0	mg/Kg 1 5/22/2022 10:53 AM
Cadmium	ND	1.0	mg/Kg 1 5/22/2022 10:53 AM
Chromium	17	1.0	mg/Kg 1 5/22/2022 10:53 AM
Cobalt	7.6	1.0	mg/Kg 1 5/22/2022 10:53 AM
Copper	20	2.0	mg/Kg 1 5/22/2022 10:53 AM
Lead	15	1.0	mg/Kg 1 5/22/2022 10:53 AM
Molybdenum	ND	1.0	mg/Kg 1 5/22/2022 10:53 AM
Nickel	18	1.0	mg/Kg 1 5/22/2022 10:53 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT: Geocon Consultants, Inc.

Client Sample ID: DTSP2-COMPA-D

Lab Order: N050851

Collection Date: 5/18/2022 7:45:00 AM

Project: The Landing - Mt Shasta, S9850-07-13C/D

Matrix: SOIL

Lab ID: N050851-002

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICP

RunID:	EPA 3050B		EPA 6010B			
	NV00922-ICP2_220522B	QC Batch: 92981			PrepDate: 5/20/2022	Analyst: DJ
Selenium	ND	1.0	mg/Kg	1	5/22/2022 10:53 AM	
Silver	ND	1.0	mg/Kg	1	5/22/2022 10:53 AM	
Thallium	ND	2.0	mg/Kg	1	5/22/2022 10:53 AM	
Vanadium	43	1.0	mg/Kg	1	5/22/2022 10:53 AM	
Zinc	34	1.0	mg/Kg	1	5/22/2022 10:53 AM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	DTSP3-COMPA-D
Lab Order:	N050851	Collection Date:	5/18/2022 2:30:00 PM
Project:	The Landing - Mt Shasta, S9850-07-13C/D	Matrix:	SOIL
Lab ID:	N050851-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 3546			EPA 8270C			
RunID: NV00922-MS3_220525E	QC Batch: 93038			PrepDate: 5/24/2022		Analyst: PL
1,2,4-Trichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
1,2-Dichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
1,3-Dichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
1,4-Dichlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
2,4,5-Trichlorophenol	ND	330		µg/Kg	1	5/26/2022 06:52 AM
2,4,6-Trichlorophenol	ND	330		µg/Kg	1	5/26/2022 06:52 AM
2,4-Dichlorophenol	ND	1600		µg/Kg	1	5/26/2022 06:52 AM
2,4-Dimethylphenol	ND	330		µg/Kg	1	5/26/2022 06:52 AM
2,4-Dinitrophenol	ND	1600		µg/Kg	1	5/26/2022 06:52 AM
2,4-Dinitrotoluene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
2,6-Dinitrotoluene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
2-Chloronaphthalene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
2-Chlorophenol	ND	330		µg/Kg	1	5/26/2022 06:52 AM
2-Methylnaphthalene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
2-Methylphenol	ND	330		µg/Kg	1	5/26/2022 06:52 AM
2-Nitroaniline	ND	1600		µg/Kg	1	5/26/2022 06:52 AM
2-Nitrophenol	ND	330		µg/Kg	1	5/26/2022 06:52 AM
3,3'-Dichlorobenzidine	ND	660		µg/Kg	1	5/26/2022 06:52 AM
3-Nitroaniline	ND	1600		µg/Kg	1	5/26/2022 06:52 AM
4,6-Dinitro-2-methylphenol	ND	1600		µg/Kg	1	5/26/2022 06:52 AM
4-Bromophenyl-phenylether	ND	330		µg/Kg	1	5/26/2022 06:52 AM
4-Chloro-3-methylphenol	ND	660		µg/Kg	1	5/26/2022 06:52 AM
4-Chloroaniline	ND	660		µg/Kg	1	5/26/2022 06:52 AM
4-Chlorophenyl-phenylether	ND	330		µg/Kg	1	5/26/2022 06:52 AM
4-Methylphenol	ND	330		µg/Kg	1	5/26/2022 06:52 AM
4-Nitroaniline	ND	1600		µg/Kg	1	5/26/2022 06:52 AM
4-Nitrophenol	ND	1600		µg/Kg	1	5/26/2022 06:52 AM
Acenaphthene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Acenaphthylene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Anthracene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Benzo(a)anthracene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Benzo(a)pyrene	ND	200		µg/Kg	1	5/26/2022 06:52 AM
Benzo(b)fluoranthene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Benzo(g,h,i)perylene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Benzo(k)fluoranthene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Benzoic acid	ND	1600		µg/Kg	1	5/26/2022 06:52 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	DTSP3-COMPA-D
Lab Order:	N050851	Collection Date:	5/18/2022 2:30:00 PM
Project:	The Landing - Mt Shasta, S9850-07-13C/D	Matrix:	SOIL
Lab ID:	N050851-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS						
	EPA 3546		EPA 8270C			
RunID: NV00922-MS3_220525E	QC Batch: 93038			PrepDate: 5/24/2022		Analyst: PL
Benzyl alcohol	ND	660		µg/Kg	1	5/26/2022 06:52 AM
Bis(2-chloroethoxy)methane	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Bis(2-chloroethyl)ether	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Bis(2-chloroisopropyl)ether	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Bis(2-ethylhexyl)phthalate	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Butylbenzylphthalate	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Chrysene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Di-n-butylphthalate	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Di-n-octylphthalate	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Dibenz(a,h)anthracene	ND	200		µg/Kg	1	5/26/2022 06:52 AM
Dibenzofuran	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Diethylphthalate	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Dimethylphthalate	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Fluoranthene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Fluorene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Hexachlorobenzene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Hexachlorocyclopentadiene	ND	660		µg/Kg	1	5/26/2022 06:52 AM
Hexachloroethane	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Indeno(1,2,3-cd)pyrene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Isophorone	ND	330		µg/Kg	1	5/26/2022 06:52 AM
N-Nitrosodi-n-propylamine	ND	330		µg/Kg	1	5/26/2022 06:52 AM
N-Nitrosodiphenylamine	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Naphthalene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Nitrobenzene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Phenanthrene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Phenol	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Pyrene	ND	330		µg/Kg	1	5/26/2022 06:52 AM
Pyridine	ND	1600		µg/Kg	1	5/26/2022 06:52 AM
Surr: 1,2-Dichlorobenzene-d4	54.2	23-120		%REC	1	5/26/2022 06:52 AM
Surr: 2,4,6-Tribromophenol	59.9	16-120		%REC	1	5/26/2022 06:52 AM
Surr: 2-Chlorophenol-d4	58.7	25-120		%REC	1	5/26/2022 06:52 AM
Surr: 2-Fluorobiphenyl	60.5	25-120		%REC	1	5/26/2022 06:52 AM
Surr: 2-Fluorophenol	58.3	24-120		%REC	1	5/26/2022 06:52 AM
Surr: 4-Terphenyl-d14	66.7	19-123		%REC	1	5/26/2022 06:52 AM
Surr: Nitrobenzene-d5	59.6	17-120		%REC	1	5/26/2022 06:52 AM
Surr: Phenol-d5	57.9	23-120		%REC	1	5/26/2022 06:52 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	DTSP3-COMPA-D
Lab Order:	N050851	Collection Date:	5/18/2022 2:30:00 PM
Project:	The Landing - Mt Shasta, S9850-07-13C/D	Matrix:	SOIL
Lab ID:	N050851-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 3546

EPA 8270C

RunID:	NV00922-MS3_220525D	QC Batch:	93038	PrepDate:	5/24/2022	Analyst:	PL
Pentachlorophenol	4.8	1.0		mg/Kg	1	5/26/2022	06:52 AM
Surr: 1,2-Dichlorobenzene-d4	54.2	23-120		%REC	1	5/26/2022	06:52 AM
Surr: 2,4,6-Tribromophenol	59.9	16-120		%REC	1	5/26/2022	06:52 AM
Surr: 2-Chlorophenol-d4	58.7	25-120		%REC	1	5/26/2022	06:52 AM
Surr: 2-Fluorobiphenyl	60.5	25-120		%REC	1	5/26/2022	06:52 AM
Surr: 2-Fluorophenol	58.3	24-120		%REC	1	5/26/2022	06:52 AM
Surr: 4-Terphenyl-d14	66.7	19-123		%REC	1	5/26/2022	06:52 AM
Surr: Nitrobenzene-d5	59.6	17-120		%REC	1	5/26/2022	06:52 AM
Surr: Phenol-d5	57.9	23-120		%REC	1	5/26/2022	06:52 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_220522A	QC Batch:	P22VS075	PrepDate:		Analyst:	CA
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,1-Dichloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,1-Dichloroethene	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,1-Dichloropropene	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1	5/22/2022	04:26 PM
1,2-Dibromoethane	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,2-Dichloroethane	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,2-Dichloropropane	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,3-Dichloropropane	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
2,2-Dichloropropane	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
2-Butanone	ND	50		µg/Kg	1	5/22/2022	04:26 PM
2-Chlorotoluene	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM
4-Chlorotoluene	ND	5.0		µg/Kg	1	5/22/2022	04:26 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	DTSP3-COMPA-D
Lab Order:	N050851	Collection Date:	5/18/2022 2:30:00 PM
Project:	The Landing - Mt Shasta, S9850-07-13C/D	Matrix:	SOIL
Lab ID:	N050851-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	QC Batch:	P22VS075	PrepDate:	Analyst: CA
4-Isopropyltoluene	ND	5.0	µg/Kg	1
Benzene	ND	5.0	µg/Kg	1
Bromobenzene	ND	5.0	µg/Kg	1
Bromodichloromethane	ND	5.0	µg/Kg	1
Bromoform	ND	5.0	µg/Kg	1
Bromomethane	ND	5.0	µg/Kg	1
Carbon tetrachloride	ND	5.0	µg/Kg	1
Chlorobenzene	ND	5.0	µg/Kg	1
Chloroethane	ND	5.0	µg/Kg	1
Chloroform	ND	5.0	µg/Kg	1
Chloromethane	ND	5.0	µg/Kg	1
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1
Dibromochloromethane	ND	5.0	µg/Kg	1
Dibromomethane	ND	5.0	µg/Kg	1
Dichlorodifluoromethane	ND	5.0	µg/Kg	1
Ethylbenzene	ND	5.0	µg/Kg	1
Freon-113	ND	5.0	µg/Kg	1
Hexachlorobutadiene	ND	5.0	µg/Kg	1
Isopropylbenzene	ND	5.0	µg/Kg	1
m,p-Xylene	ND	10	µg/Kg	1
Methylene chloride	ND	5.0	µg/Kg	1
MTBE	ND	5.0	µg/Kg	1
n-Butylbenzene	ND	5.0	µg/Kg	1
n-Propylbenzene	ND	5.0	µg/Kg	1
Naphthalene	ND	5.0	µg/Kg	1
o-Xylene	ND	5.0	µg/Kg	1
sec-Butylbenzene	ND	5.0	µg/Kg	1
Styrene	ND	5.0	µg/Kg	1
tert-Butylbenzene	ND	5.0	µg/Kg	1
Tetrachloroethene	ND	5.0	µg/Kg	1
Toluene	ND	5.0	µg/Kg	1
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1
Trichloroethene	ND	5.0	µg/Kg	1
Trichlorofluoromethane	ND	5.0	µg/Kg	1
Vinyl chloride	ND	5.0	µg/Kg	1

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT: Geocon Consultants, Inc.	Client Sample ID: DTSP3-COMPA-D
Lab Order: N050851	Collection Date: 5/18/2022 2:30:00 PM
Project: The Landing - Mt Shasta, S9850-07-13C/D	Matrix: SOIL
Lab ID: N050851-003	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_220522A	QC Batch: P22VS075	PrepDate:	Analyst: CA
Surr: 1,2-Dichloroethane-d4	126	62-165	%REC 1 5/22/2022 04:26 PM
Surr: 4-Bromofluorobenzene	94.8	71-125	%REC 1 5/22/2022 04:26 PM
Surr: Dibromofluoromethane	125	74-143	%REC 1 5/22/2022 04:26 PM
Surr: Toluene-d8	106	80-120	%REC 1 5/22/2022 04:26 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID: NV00922-GC1_220523B	QC Batch: 93020	PrepDate: 5/23/2022	Analyst: MCC
DRO	19	10	mg/Kg 1 6/2/2022 10:54 AM
ORO	31	10	mg/Kg 1 6/2/2022 10:54 AM
Surr: p-Terphenyl	87.9	46-158	%REC 1 6/2/2022 10:54 AM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220521A	QC Batch: E22VS044	PrepDate:	Analyst: CA
GRO	ND	1.0	mg/Kg 1 5/21/2022 08:30 PM
Surr: Chlorobenzene - d5	95.3	54-144	%REC 1 5/21/2022 08:30 PM

TOTAL MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID: NV00922-AA2_220523B	QC Batch: 92979	PrepDate: 5/21/2022	Analyst: DJ
Mercury	ND	0.10	mg/Kg 1 5/23/2022 03:27 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID: NV00922-ICP2_220522B	QC Batch: 92981	PrepDate: 5/20/2022	Analyst: DJ
Antimony	ND	2.0	mg/Kg 1 5/22/2022 10:59 AM
Arsenic	ND	1.0	mg/Kg 1 5/22/2022 10:59 AM
Barium	130	1.0	mg/Kg 1 5/22/2022 10:59 AM
Beryllium	ND	1.0	mg/Kg 1 5/22/2022 10:59 AM
Cadmium	ND	1.0	mg/Kg 1 5/22/2022 10:59 AM
Chromium	23	1.0	mg/Kg 1 5/22/2022 10:59 AM
Cobalt	9.1	1.0	mg/Kg 1 5/22/2022 10:59 AM
Copper	22	2.0	mg/Kg 1 5/22/2022 10:59 AM
Lead	9.4	1.0	mg/Kg 1 5/22/2022 10:59 AM
Molybdenum	ND	1.0	mg/Kg 1 5/22/2022 10:59 AM
Nickel	21	1.0	mg/Kg 1 5/22/2022 10:59 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

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ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 03-Jun-22

CLIENT: Geocon Consultants, Inc.

Client Sample ID: DTSP3-COMPA-D

Lab Order: N050851

Collection Date: 5/18/2022 2:30:00 PM

Project: The Landing - Mt Shasta, S9850-07-13C/D

Matrix: SOIL

Lab ID: N050851-003

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICP

RunID:	NV00922-ICP2_220522B	EPA 3050B		EPA 6010B		
		QC Batch:	92981	PrepDate:	5/20/2022	Analyst: DJ
Selenium		ND	1.0	mg/Kg	1	5/22/2022 10:59 AM
Silver		ND	1.0	mg/Kg	1	5/22/2022 10:59 AM
Thallium		ND	2.0	mg/Kg	1	5/22/2022 10:59 AM
Vanadium		53	1.0	mg/Kg	1	5/22/2022 10:59 AM
Zinc		36	1.0	mg/Kg	1	5/22/2022 10:59 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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"Serving Clients with Passion and Professionalism"

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: MB-92981	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 5/20/2022	RunNo: 162605						
Client ID: PBS	Batch ID: 92981	TestNo: EPA 6010B EPA 3050B		Analysis Date: 5/22/2022	SeqNo: 4655348						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	0.170	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	2.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: LCS-92981	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 5/20/2022	RunNo: 162605						
Client ID: LCSS	Batch ID: 92981	TestNo: EPA 6010B EPA 3050B		Analysis Date: 5/22/2022	SeqNo: 4655349						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	25.906	2.0	25.00	0	104	80	120				
Arsenic	25.895	1.0	25.00	0	104	80	120				
Barium	26.047	1.0	25.00	0	104	80	120				
Beryllium	25.837	1.0	25.00	0	103	80	120				
Cadmium	25.962	1.0	25.00	0	104	80	120				
Chromium	25.909	1.0	25.00	0	104	80	120				
Cobalt	26.729	1.0	25.00	0	107	80	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: LCS-92981	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 5/20/2022	RunNo: 162605						
Client ID: LCSS	Batch ID: 92981	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 5/22/2022	SeqNo: 4655349						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	25.763	2.0	25.00	0	103	80	120				
Lead	25.589	1.0	25.00	0	102	80	120				
Molybdenum	25.501	1.0	25.00	0	102	80	120				
Nickel	25.783	1.0	25.00	0	103	80	120				
Selenium	25.766	1.0	25.00	0	103	80	120				
Silver	24.761	1.0	25.00	0	99.0	80	120				
Thallium	25.513	2.0	25.00	0	102	80	120				
Vanadium	25.997	1.0	25.00	0	104	80	120				
Zinc	26.772	1.0	25.00	0	107	80	120				

Sample ID: N050832-002A-DUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 5/20/2022	RunNo: 162605						
Client ID: ZZZZZ	Batch ID: 92981	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 5/22/2022	SeqNo: 4655357						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0						0	0	20	
Arsenic	5.185	1.0						4.589	12.2	20	
Barium	217.618	1.0						181.9	17.9	20	
Beryllium	ND	1.0						0	0	20	
Cadmium	0.748	1.0						0.6230	0	20	
Chromium	40.814	1.0						34.19	17.7	20	
Cobalt	11.732	1.0						10.02	15.7	20	
Copper	25.975	2.0						21.57	18.5	20	
Lead	8.696	1.0						8.244	5.33	20	
Molybdenum	0.211	1.0						0	0	20	
Nickel	47.425	1.0						40.14	16.7	20	
Selenium	ND	1.0						0	0	20	
Silver	ND	1.0						0	0	20	
Thallium	ND	2.0						0	0	20	
Vanadium	41.862	1.0						34.79	18.5	20	
Zinc	74.555	1.0						64.57	14.3	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: N050832-002A-MS		SampType: MS		TestCode: 6010_S		Units: mg/Kg		Prep Date: 5/20/2022		RunNo: 162605	
Client ID: ZZZZZZ		Batch ID: 92981		TestNo: EPA 6010B EPA 3050B		Analysis Date: 5/22/2022		SeqNo: 4655361			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	5.335	2.0	24.98	0	21.4	75	125				S
Arsenic	22.984	1.0	24.98	4.589	73.7	75	125				S
Barium	253.475	1.0	24.98	181.9	287	75	125				S
Beryllium	18.147	1.0	24.98	0	72.7	75	125				S
Cadmium	17.572	1.0	24.98	0.6230	67.9	75	125				S
Chromium	61.331	1.0	24.98	34.19	109	75	125				
Cobalt	30.483	1.0	24.98	10.02	81.9	75	125				
Copper	46.723	2.0	24.98	21.57	101	75	125				
Lead	26.159	1.0	24.98	8.244	71.7	75	125				S
Molybdenum	15.559	1.0	24.98	0	62.3	75	125				S
Nickel	65.522	1.0	24.98	40.14	102	75	125				
Selenium	15.867	1.0	24.98	0	63.5	75	125				S
Silver	24.878	1.0	24.98	0	99.6	75	125				
Thallium	17.207	2.0	24.98	0	68.9	75	125				S
Vanadium	62.172	1.0	24.98	34.79	110	75	125				
Zinc	92.713	1.0	24.98	64.57	113	75	125				

Sample ID: N050832-002A-MSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 5/20/2022		RunNo: 162605	
Client ID: ZZZZZZ		Batch ID: 92981		TestNo: EPA 6010B EPA 3050B		Analysis Date: 5/22/2022		SeqNo: 4655362			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	5.384	2.0	24.99	0	21.5	75	125	5.335	0.902	20	S
Arsenic	24.424	1.0	24.99	4.589	79.4	75	125	22.98	6.08	20	
Barium	244.739	1.0	24.99	181.9	251	75	125	253.5	3.51	20	S
Beryllium	19.110	1.0	24.99	0	76.5	75	125	18.15	5.17	20	
Cadmium	18.426	1.0	24.99	0.6230	71.2	75	125	17.57	4.74	20	S
Chromium	64.546	1.0	24.99	34.19	121	75	125	61.33	5.11	20	
Cobalt	31.677	1.0	24.99	10.02	86.7	75	125	30.48	3.84	20	
Copper	47.751	2.0	24.99	21.57	105	75	125	46.72	2.18	20	
Lead	27.211	1.0	24.99	8.244	75.9	75	125	26.16	3.94	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: N050832-002A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 5/20/2022	RunNo: 162605						
Client ID: ZZZZZ	Batch ID: 92981	TestNo: EPA 6010B EPA 3050B		Analysis Date: 5/22/2022	SeqNo: 4655362						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	16.728	1.0	24.99	0	66.9	75	125	15.56	7.24	20	S
Nickel	66.403	1.0	24.99	40.14	105	75	125	65.52	1.33	20	
Selenium	16.978	1.0	24.99	0	67.9	75	125	15.87	6.77	20	S
Silver	24.727	1.0	24.99	0	99.0	75	125	24.88	0.608	20	
Thallium	18.312	2.0	24.99	0	73.3	75	125	17.21	6.23	20	S
Vanadium	64.551	1.0	24.99	34.79	119	75	125	62.17	3.75	20	
Zinc	98.279	1.0	24.99	64.57	135	75	125	92.71	5.83	20	S

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-92979	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 5/21/2022	RunNo: 162629						
Client ID: PBS	Batch ID: 92979	TestNo: EPA 7471A		Analysis Date: 5/23/2022	SeqNo: 4656334						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	ND	0.10									
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Sample ID: LCS-92979	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 5/21/2022	RunNo: 162629						
Client ID: LCSS	Batch ID: 92979	TestNo: EPA 7471A		Analysis Date: 5/23/2022	SeqNo: 4656335						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.388	0.10	0.4167	0	93.2	80	120				
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Sample ID: N050832-002A-DUP	SampType: DUP	TestCode: 7471_S	Units: mg/Kg	Prep Date: 5/21/2022	RunNo: 162629						
Client ID: ZZZZZ	Batch ID: 92979	TestNo: EPA 7471A		Analysis Date: 5/23/2022	SeqNo: 4656338						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.018	0.10						0.1556	0	20	
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Sample ID: N050832-002A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 5/21/2022	RunNo: 162629						
Client ID: ZZZZZ	Batch ID: 92979	TestNo: EPA 7471A		Analysis Date: 5/23/2022	SeqNo: 4656340						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.380	0.10	0.4160	0.1556	54.0	75	125				S
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Sample ID: N050832-002A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 5/21/2022	RunNo: 162629						
Client ID: ZZZZZ	Batch ID: 92979	TestNo: EPA 7471A		Analysis Date: 5/23/2022	SeqNo: 4656341						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.433	0.10	0.4146	0.1556	66.9	75	125	0.3802	12.9	20	S
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Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: MB-93020	SampType: MBLK	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 5/23/2022	RunNo: 162652						
Client ID: PBS	Batch ID: 93020	TestNo: EPA 8015B EPA 3550B		Analysis Date: 5/23/2022	SeqNo: 4657326						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	7.732	10									
ORO	6.148	10									
Surr: p-Terphenyl	79.458		80.00		99.3	46	158				

Sample ID: LCS-93020	SampType: LCS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 5/23/2022	RunNo: 162652						
Client ID: LCSS	Batch ID: 93020	TestNo: EPA 8015B EPA 3550B		Analysis Date: 5/23/2022	SeqNo: 4657327						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	938.897	10	1000	0	93.9	70	130				
Surr: p-Terphenyl	75.550		80.00		94.4	46	158				

Sample ID: N050840-016A-MS	SampType: MS	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 5/23/2022	RunNo: 162652						
Client ID: ZZZZZ	Batch ID: 93020	TestNo: EPA 8015B EPA 3550B		Analysis Date: 5/24/2022	SeqNo: 4658259						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	1128.052	10	1000	62.17	107	42	157				
Surr: p-Terphenyl	89.169		80.00		111	46	158				

Sample ID: N050840-016A-MSD	SampType: MSD	TestCode: 8015_S_DM H	Units: mg/Kg	Prep Date: 5/23/2022	RunNo: 162652						
Client ID: ZZZZZ	Batch ID: 93020	TestNo: EPA 8015B EPA 3550B		Analysis Date: 5/24/2022	SeqNo: 4658260						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	1184.198	10	1000	62.17	112	42	157	1128	4.86	20	
Surr: p-Terphenyl	86.899		80.00		109	46	158		0		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: E220521LCS	SampType: LCS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 162601						
Client ID: LCSS	Batch ID: E22VS044	TestNo: EPA 8015B		Analysis Date: 5/21/2022	SeqNo: 4655329						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	5.586	1.0	5.000	0	112	73	134				
Surr: Chlorobenzene - d5	97.399		100.0		97.4	54	144				

Sample ID: E220521MB	SampType: MBLK	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 162601						
Client ID: PBS	Batch ID: E22VS044	TestNo: EPA 8015B		Analysis Date: 5/21/2022	SeqNo: 4655330						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	ND	1.0									
Surr: Chlorobenzene - d5	72.370		100.0		72.4	54	144				

Sample ID: N050851-001ADUP	SampType: DUP	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 162601						
Client ID: ZZZZZ	Batch ID: E22VS044	TestNo: EPA 8015B		Analysis Date: 5/21/2022	SeqNo: 4655332						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	ND	1.0						0	0	20	
Surr: Chlorobenzene - d5	89.940		100.0		89.9	54	144		0		

Sample ID: N050851-002AMS	SampType: MS	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 162601						
Client ID: ZZZZZ	Batch ID: E22VS044	TestNo: EPA 8015B		Analysis Date: 5/21/2022	SeqNo: 4655334						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	5.159	1.0	5.000	0	103	31	165				
Surr: Chlorobenzene - d5	99.959		100.0		100	54	144				

Sample ID: N050851-002AMSD	SampType: MSD	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 162601						
Client ID: ZZZZZ	Batch ID: E22VS044	TestNo: EPA 8015B		Analysis Date: 5/21/2022	SeqNo: 4655335						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	5.118	1.0	5.000	0	102	31	165	5.159	0.798	20	
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Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID: N050851-002AMSD	SampType: MSD	TestCode: 8015GAS_S	Units: mg/Kg	Prep Date:	RunNo: 162601						
Client ID: ZZZZZ	Batch ID: E22VS044	TestNo: EPA 8015B		Analysis Date: 5/21/2022	SeqNo: 4655335						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Chlorobenzene - d5	92.230		100.0		92.2	54	144			0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220522LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616						
Client ID: LCSS	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655904						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	40.400	5.0	40.00	0	101	71	132				
1,1,1-Trichloroethane	42.700	5.0	40.00	0	107	76	139				
1,1,2,2-Tetrachloroethane	40.250	5.0	40.00	0	101	74	123				
1,1,2-Trichloroethane	37.970	5.0	40.00	0	94.9	78	118				
1,1-Dichloroethane	34.460	5.0	40.00	0	86.2	73	129				
1,1-Dichloroethene	38.150	5.0	40.00	0	95.4	68	127				
1,1-Dichloropropene	42.930	5.0	40.00	0	107	80	133				
1,2,3-Trichlorobenzene	38.140	5.0	40.00	0	95.4	79	120				
1,2,3-Trichloropropane	39.950	5.0	40.00	0	99.9	76	127				
1,2,4-Trichlorobenzene	38.600	5.0	40.00	0	96.5	78	120				
1,2,4-Trimethylbenzene	42.700	5.0	40.00	0	107	80	125				
1,2-Dibromo-3-chloropropane	45.070	10	40.00	0	113	60	132				
1,2-Dibromoethane	41.300	5.0	40.00	0	103	69	132				
1,2-Dichlorobenzene	40.050	5.0	40.00	0	100	80	120				
1,2-Dichloroethane	39.770	5.0	40.00	0	99.4	74	125				
1,2-Dichloropropane	39.110	5.0	40.00	0	97.8	78	120				
1,3,5-Trimethylbenzene	42.150	5.0	40.00	0	105	80	127				
1,3-Dichlorobenzene	40.140	5.0	40.00	0	100	80	120				
1,3-Dichloropropane	39.800	5.0	40.00	0	99.5	80	120				
1,4-Dichlorobenzene	40.900	5.0	40.00	0	102	80	120				
2,2-Dichloropropane	37.370	5.0	40.00	0	93.4	57	158				
2-Butanone	382.530	50	400.0	0	95.6	44	162				
2-Chlorotoluene	42.950	5.0	40.00	0	107	80	121				
4-Chlorotoluene	42.930	5.0	40.00	0	107	80	123				
4-Isopropyltoluene	40.950	5.0	40.00	0	102	78	125				
Benzene	40.780	5.0	40.00	0	102	80	120				
Bromobenzene	37.530	5.0	40.00	0	93.8	80	120				
Bromodichloromethane	41.650	5.0	40.00	0	104	72	123				
Bromoform	36.230	5.0	40.00	0	90.6	68	129				
Bromomethane	43.070	5.0	40.00	0	108	42	155				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220522LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616
Client ID: LCSS	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655904

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	45.210	5.0	40.00	0	113	68	146				
Chlorobenzene	39.810	5.0	40.00	0	99.5	80	120				
Chloroethane	38.370	5.0	40.00	0	95.9	55	143				
Chloroform	38.890	5.0	40.00	0	97.2	76	128				
Chloromethane	35.500	5.0	40.00	0	88.8	60	132				
cis-1,2-Dichloroethene	34.690	5.0	40.00	0	86.7	74	122				
cis-1,3-Dichloropropene	43.640	5.0	40.00	0	109	77	126				
Dibromochloromethane	40.590	5.0	40.00	0	101	76	124				
Dibromomethane	42.120	5.0	40.00	0	105	74	121				
Dichlorodifluoromethane	32.730	5.0	40.00	0	81.8	44	140				
Ethylbenzene	39.880	5.0	40.00	0	99.7	80	121				
Freon-113	39.840	5.0	40.00	0	99.6	57	151				
Hexachlorobutadiene	39.590	5.0	40.00	0	99.0	75	126				
Isopropylbenzene	42.640	5.0	40.00	0	107	80	124				
m,p-Xylene	83.860	10	80.00	0	105	68	147				
Methylene chloride	31.860	5.0	40.00	0	79.6	66	124				
MTBE	33.260	5.0	40.00	0	83.2	63	131				
n-Butylbenzene	42.880	5.0	40.00	0	107	80	138				
n-Propylbenzene	43.100	5.0	40.00	0	108	80	128				
Naphthalene	34.640	5.0	40.00	0	86.6	63	123				
o-Xylene	40.270	5.0	40.00	0	101	80	120				
sec-Butylbenzene	42.760	5.0	40.00	0	107	78	128				
Styrene	40.610	5.0	40.00	0	102	80	120				
tert-Butylbenzene	40.370	5.0	40.00	0	101	73	134				
Tetrachloroethene	37.940	5.0	40.00	0	94.8	75	129				
Toluene	38.500	5.0	40.00	0	96.2	80	120				
trans-1,2-Dichloroethene	35.030	5.0	40.00	0	87.6	70	124				
Trichloroethene	41.390	5.0	40.00	0	103	80	123				
Trichlorofluoromethane	41.500	5.0	40.00	0	104	67	151				
Vinyl chloride	38.880	5.0	40.00	0	97.2	58	141				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220522LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616						
Client ID: LCSS	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655904						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	56.420		50.00		113	62	165				
Surr: 4-Bromofluorobenzene	52.680		50.00		105	71	125				
Surr: Dibromofluoromethane	54.090		50.00		108	74	143				
Surr: Toluene-d8	58.520		50.00		117	80	120				

Sample ID: N050851-003AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616						
Client ID: ZZZZZZ	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655905						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	43.530	5.0	40.00	0	109	48	152				
1,1,1-Trichloroethane	45.770	5.0	40.00	0	114	42	175				
1,1,2,2-Tetrachloroethane	45.300	5.0	40.00	0	113	26	179				
1,1,2-Trichloroethane	42.820	5.0	40.00	0	107	29	188				
1,1-Dichloroethane	37.830	5.0	40.00	0	94.6	41	166				
1,1-Dichloroethene	39.370	5.0	40.00	0	98.4	36	161				
1,1-Dichloropropene	43.340	5.0	40.00	0	108	51	157				
1,2,3-Trichlorobenzene	40.930	5.0	40.00	0	102	41	151				
1,2,3-Trichloropropane	43.380	5.0	40.00	0	108	62	156				
1,2,4-Trichlorobenzene	40.760	5.0	40.00	0	102	41	145				
1,2,4-Trimethylbenzene	44.970	5.0	40.00	0	112	54	139				
1,2-Dibromo-3-chloropropane	50.750	10	40.00	0	127	44	171				
1,2-Dibromoethane	44.190	5.0	40.00	0	110	48	174				
1,2-Dichlorobenzene	41.540	5.0	40.00	0	104	64	130				
1,2-Dichloroethane	42.770	5.0	40.00	0	107	52	160				
1,2-Dichloropropane	40.910	5.0	40.00	0	102	54	146				
1,3,5-Trimethylbenzene	44.840	5.0	40.00	0	112	54	138				
1,3-Dichlorobenzene	42.950	5.0	40.00	0	107	62	125				
1,3-Dichloropropane	44.510	5.0	40.00	0	111	68	142				
1,4-Dichlorobenzene	43.320	5.0	40.00	0	108	63	126				
2,2-Dichloropropane	47.930	5.0	40.00	0	120	27	193				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050851-003AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616
Client ID: ZZZZZ	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655905

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	380.490	50	400.0	0	95.1	16	229				
2-Chlorotoluene	44.410	5.0	40.00	0	111	59	135				
4-Chlorotoluene	43.490	5.0	40.00	0	109	61	134				
4-Isopropyltoluene	40.900	5.0	40.00	0	102	45	137				
Benzene	41.180	5.0	40.00	0	103	56	141				
Bromobenzene	42.560	5.0	40.00	0	106	64	131				
Bromodichloromethane	42.120	5.0	40.00	0	105	52	148				
Bromoform	38.710	5.0	40.00	0	96.8	54	156				
Bromomethane	46.060	5.0	40.00	0	115	28	166				
Carbon tetrachloride	45.250	5.0	40.00	0	113	45	162				
Chlorobenzene	41.140	5.0	40.00	0	103	63	128				
Chloroethane	40.400	5.0	40.00	0	101	4	182				
Chloroform	41.920	5.0	40.00	0	105	45	165				
Chloromethane	36.600	5.0	40.00	0	91.5	33	162				
cis-1,2-Dichloroethene	43.400	5.0	40.00	0	108	50	152				
cis-1,3-Dichloropropene	44.790	5.0	40.00	0	112	53	158				
Dibromochloromethane	46.080	5.0	40.00	0	115	59	150				
Dibromomethane	42.890	5.0	40.00	0	107	54	155				
Dichlorodifluoromethane	39.170	5.0	40.00	0	97.9	28	152				
Ethylbenzene	40.800	5.0	40.00	0	102	60	132				
Freon-113	42.150	5.0	40.00	0	105	26	181				
Hexachlorobutadiene	36.810	5.0	40.00	0	92.0	31	142				
Isopropylbenzene	43.680	5.0	40.00	0	109	50	138				
m,p-Xylene	85.440	10	80.00	0	107	57	142				
Methylene chloride	35.410	5.0	40.00	0	88.5	46	154				
MTBE	36.560	5.0	40.00	0	91.4	52	165				
n-Butylbenzene	42.590	5.0	40.00	0	106	42	152				
n-Propylbenzene	42.720	5.0	40.00	0	107	53	140				
Naphthalene	35.980	5.0	40.00	0	90.0	37	158				
o-Xylene	42.090	5.0	40.00	0	105	59	130				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050851-003AMS		SampType: MS		TestCode: 8260SOIL		Units: µg/Kg		Prep Date:		RunNo: 162616	
Client ID: ZZZZZ		Batch ID: P22VS075		TestNo: EPA 8260B				Analysis Date: 5/22/2022		SeqNo: 4655905	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	43.560	5.0	40.00	0	109	48	137				
Styrene	42.880	5.0	40.00	0	107	60	133				
tert-Butylbenzene	41.330	5.0	40.00	0	103	49	139				
Tetrachloroethene	39.950	5.0	40.00	0	99.9	50	141				
Toluene	38.460	5.0	40.00	0	96.2	47	148				
trans-1,2-Dichloroethene	35.000	5.0	40.00	0	87.5	43	151				
Trichloroethene	39.740	5.0	40.00	0	99.4	25	184				
Trichlorofluoromethane	41.330	5.0	40.00	0	103	31	186				
Vinyl chloride	40.970	5.0	40.00	0	102	28	174				
Surr: 1,2-Dichloroethane-d4	59.440		50.00		119	62	165				
Surr: 4-Bromofluorobenzene	50.810		50.00		102	71	125				
Surr: Dibromofluoromethane	59.800		50.00		120	74	143				
Surr: Toluene-d8	55.320		50.00		111	80	120				

Sample ID: N050851-003AMSD		SampType: MSD		TestCode: 8260SOIL		Units: µg/Kg		Prep Date:		RunNo: 162616	
Client ID: ZZZZZ		Batch ID: P22VS075		TestNo: EPA 8260B				Analysis Date: 5/22/2022		SeqNo: 4655906	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	45.120	5.0	40.00	0	113	48	152	43.53	3.59	20	
1,1,1-Trichloroethane	44.260	5.0	40.00	0	111	42	175	45.77	3.35	20	
1,1,2,2-Tetrachloroethane	40.140	5.0	40.00	0	100	26	179	45.30	12.1	20	
1,1,2-Trichloroethane	39.730	5.0	40.00	0	99.3	29	188	42.82	7.49	20	
1,1-Dichloroethane	41.540	5.0	40.00	0	104	41	166	37.83	9.35	20	
1,1-Dichloroethene	42.000	5.0	40.00	0	105	36	161	39.37	6.46	20	
1,1-Dichloropropene	43.450	5.0	40.00	0	109	51	157	43.34	0.253	20	
1,2,3-Trichlorobenzene	40.540	5.0	40.00	0	101	41	151	40.93	0.957	20	
1,2,3-Trichloropropane	40.790	5.0	40.00	0	102	62	156	43.38	6.15	20	
1,2,4-Trichlorobenzene	40.440	5.0	40.00	0	101	41	145	40.76	0.788	20	
1,2,4-Trimethylbenzene	47.480	5.0	40.00	0	119	54	139	44.97	5.43	20	
1,2-Dibromo-3-chloropropane	42.230	10	40.00	0	106	44	171	50.75	18.3	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050851-003AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616						
Client ID: ZZZZZ	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655906						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	40.890	5.0	40.00	0	102	48	174	44.19	7.76	20	
1,2-Dichlorobenzene	40.890	5.0	40.00	0	102	64	130	41.54	1.58	20	
1,2-Dichloroethane	40.560	5.0	40.00	0	101	52	160	42.77	5.30	20	
1,2-Dichloropropane	40.120	5.0	40.00	0	100	54	146	40.91	1.95	20	
1,3,5-Trimethylbenzene	45.140	5.0	40.00	0	113	54	138	44.84	0.667	20	
1,3-Dichlorobenzene	42.920	5.0	40.00	0	107	62	125	42.95	0.0699	20	
1,3-Dichloropropane	39.850	5.0	40.00	0	99.6	68	142	44.51	11.0	20	
1,4-Dichlorobenzene	43.800	5.0	40.00	0	110	63	126	43.32	1.10	20	
2,2-Dichloropropane	48.860	5.0	40.00	0	122	27	193	47.93	1.92	20	
2-Butanone	369.470	50	400.0	0	92.4	16	229	380.5	2.94	20	
2-Chlorotoluene	44.590	5.0	40.00	0	111	59	135	44.41	0.404	20	
4-Chlorotoluene	44.410	5.0	40.00	0	111	61	134	43.49	2.09	20	
4-Isopropyltoluene	44.460	5.0	40.00	0	111	45	137	40.90	8.34	20	
Benzene	42.130	5.0	40.00	0	105	56	141	41.18	2.28	20	
Bromobenzene	43.630	5.0	40.00	0	109	64	131	42.56	2.48	20	
Bromodichloromethane	43.800	5.0	40.00	0	110	52	148	42.12	3.91	20	
Bromoform	40.430	5.0	40.00	0	101	54	156	38.71	4.35	20	
Bromomethane	45.080	5.0	40.00	0	113	28	166	46.06	2.15	20	
Carbon tetrachloride	48.040	5.0	40.00	0	120	45	162	45.25	5.98	20	
Chlorobenzene	41.660	5.0	40.00	0	104	63	128	41.14	1.26	20	
Chloroethane	42.980	5.0	40.00	0	107	4	182	40.40	6.19	20	
Chloroform	39.960	5.0	40.00	0	99.9	45	165	41.92	4.79	20	
Chloromethane	38.550	5.0	40.00	0	96.4	33	162	36.60	5.19	20	
cis-1,2-Dichloroethene	42.720	5.0	40.00	0	107	50	152	43.40	1.58	20	
cis-1,3-Dichloropropene	43.030	5.0	40.00	0	108	53	158	44.79	4.01	20	
Dibromochloromethane	44.860	5.0	40.00	0	112	59	150	46.08	2.68	20	
Dibromomethane	38.250	5.0	40.00	0	95.6	54	155	42.89	11.4	20	
Dichlorodifluoromethane	42.550	5.0	40.00	0	106	28	152	39.17	8.27	20	
Ethylbenzene	41.920	5.0	40.00	0	105	60	132	40.80	2.71	20	
Freon-113	41.800	5.0	40.00	0	104	26	181	42.15	0.834	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CALIFORNIA | P: 562.219.7435 | F: 562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P: 702.307.2659 | F: 702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NVO0922
 ORELAP/NELAP Cert 4046

CLIENT: Geocon Consultants, Inc.
 Work Order: N050851
 Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050851-003AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616						
Client ID: ZZZZZ	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655906						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	39.230	5.0	40.00	0	98.1	31	142	36.81	6.37	20	
Isopropylbenzene	44.640	5.0	40.00	0	112	50	138	43.68	2.17	20	
m,p-Xylene	88.290	10	80.00	0	110	57	142	85.44	3.28	20	
Methylene chloride	41.150	5.0	40.00	0	103	46	154	35.41	15.0	20	
MTBE	41.960	5.0	40.00	0	105	52	165	36.56	13.8	20	
n-Butylbenzene	45.010	5.0	40.00	0	113	42	152	42.59	5.53	20	
n-Propylbenzene	45.360	5.0	40.00	0	113	53	140	42.72	5.99	20	
Naphthalene	33.250	5.0	40.00	0	83.1	37	158	35.98	7.89	20	
o-Xylene	44.740	5.0	40.00	0	112	59	130	42.09	6.10	20	
sec-Butylbenzene	46.120	5.0	40.00	0	115	48	137	43.56	5.71	20	
Styrene	43.400	5.0	40.00	0	108	60	133	42.88	1.21	20	
tert-Butylbenzene	42.910	5.0	40.00	0	107	49	139	41.33	3.75	20	
Tetrachloroethene	38.750	5.0	40.00	0	96.9	50	141	39.95	3.05	20	
Toluene	40.250	5.0	40.00	0	101	47	148	38.46	4.55	20	
trans-1,2-Dichloroethene	43.120	5.0	40.00	0	108	43	151	35.00	20.8	20	R
Trichloroethene	42.000	5.0	40.00	0	105	25	184	39.74	5.53	20	
Trichlorofluoromethane	43.450	5.0	40.00	0	109	31	186	41.33	5.00	20	
Vinyl chloride	40.820	5.0	40.00	0	102	28	174	40.97	0.367	20	
Surr: 1,2-Dichloroethane-d4	56.030		50.00		112	62	165		0		
Surr: 4-Bromofluorobenzene	51.050		50.00		102	71	125		0		
Surr: Dibromofluoromethane	54.440		50.00		109	74	143		0		
Surr: Toluene-d8	56.670		50.00		113	80	120		0		

Sample ID: P220522MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616						
Client ID: PBS	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655908						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220522MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616
Client ID: PBS	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655908

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	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	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220522MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616						
Client ID: PBS	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655908						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	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									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	57.930		50.00		116	62	165				
Surr: 4-Bromofluorobenzene	47.200		50.00		94.4	71	125				
Surr: Dibromofluoromethane	54.390		50.00		109	74	143				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P220522MB2	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616						
Client ID: PBS	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655908						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	55.560		50.00		111	80	120				

Sample ID: N050851-001ADUP	SampType: DUP	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616						
Client ID: ZZZZZ	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655913						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,1-Trichloroethane	ND	5.0						0	0	20	
1,1,2,2-Tetrachloroethane	ND	5.0						0	0	20	
1,1,2-Trichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethane	ND	5.0						0	0	20	
1,1-Dichloroethene	ND	5.0						0	0	20	
1,1-Dichloropropene	ND	5.0						0	0	20	
1,2,3-Trichlorobenzene	ND	5.0						0	0	20	
1,2,3-Trichloropropane	ND	5.0						0	0	20	
1,2,4-Trichlorobenzene	ND	5.0						0	0	20	
1,2,4-Trimethylbenzene	ND	5.0						0	0	20	
1,2-Dibromo-3-chloropropane	ND	10						0	0	20	
1,2-Dibromoethane	ND	5.0						0	0	20	
1,2-Dichlorobenzene	ND	5.0						0	0	20	
1,2-Dichloroethane	ND	5.0						0	0	20	
1,2-Dichloropropane	ND	5.0						0	0	20	
1,3,5-Trimethylbenzene	ND	5.0						0	0	20	
1,3-Dichlorobenzene	ND	5.0						0	0	20	
1,3-Dichloropropane	ND	5.0						0	0	20	
1,4-Dichlorobenzene	ND	5.0						0	0	20	
2,2-Dichloropropane	ND	5.0						0	0	20	
2-Butanone	ND	50						0	0	20	
2-Chlorotoluene	ND	5.0						0	0	20	
4-Chlorotoluene	ND	5.0						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050851-001ADUP	SampType: DUP	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616						
Client ID: ZZZZZ	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655913						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	ND	5.0						0	0	20	
Benzene	ND	5.0						0	0	20	
Bromobenzene	ND	5.0						0	0	20	
Bromodichloromethane	ND	5.0						0	0	20	
Bromoform	ND	5.0						0	0	20	
Bromomethane	ND	5.0						0	0	20	
Carbon tetrachloride	ND	5.0						0	0	20	
Chlorobenzene	ND	5.0						0	0	20	
Chloroethane	ND	5.0						0	0	20	
Chloroform	ND	5.0						0	0	20	
Chloromethane	ND	5.0						0	0	20	
cis-1,2-Dichloroethene	ND	5.0						0	0	20	
cis-1,3-Dichloropropene	ND	5.0						0	0	20	
Dibromochloromethane	ND	5.0						0	0	20	
Dibromomethane	ND	5.0						0	0	20	
Dichlorodifluoromethane	ND	5.0						0	0	20	
Ethylbenzene	ND	5.0						0	0	20	
Freon-113	ND	5.0						0	0	20	
Hexachlorobutadiene	ND	5.0						0	0	20	
Isopropylbenzene	ND	5.0						0	0	20	
m,p-Xylene	ND	10						0	0	20	
Methylene chloride	ND	5.0						0	0	20	
MTBE	ND	5.0						0	0	20	
n-Butylbenzene	ND	5.0						0	0	20	
n-Propylbenzene	ND	5.0						0	0	20	
Naphthalene	ND	5.0						0	0	20	
o-Xylene	ND	5.0						0	0	20	
sec-Butylbenzene	ND	5.0						0	0	20	
Styrene	ND	5.0						0	0	20	
tert-Butylbenzene	ND	5.0						0	0	20	

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N050851-001ADUP	SampType: DUP	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 162616						
Client ID: ZZZZZ	Batch ID: P22VS075	TestNo: EPA 8260B		Analysis Date: 5/22/2022	SeqNo: 4655913						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	ND	5.0						0	0	20	
Toluene	ND	5.0						0	0	20	
trans-1,2-Dichloroethene	ND	5.0						0	0	20	
Trichloroethene	ND	5.0						0	0	20	
Trichlorofluoromethane	ND	5.0						0	0	20	
Vinyl chloride	ND	5.0						0	0	20	
Surr: 1,2-Dichloroethane-d4	60.650		50.00		121	62	165		0		
Surr: 4-Bromofluorobenzene	50.250		50.00		101	71	125		0		
Surr: Dibromofluoromethane	63.470		50.00		127	74	143		0		
Surr: Toluene-d8	55.010		50.00		110	80	120		0		

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: LCS-93038	SampType: LCS	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 5/24/2022	RunNo: 162728
Client ID: LCSS	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/25/2022	SeqNo: 4660694

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3671.000	330	5000	0	73.4	46	120				
1,2-Dichlorobenzene	3719.000	330	5000	0	74.4	44	120				
1,3-Dichlorobenzene	3564.500	330	5000	0	71.3	43	120				
1,4-Dichlorobenzene	4048.000	330	5000	0	81.0	47	120				
2,4,5-Trichlorophenol	4185.000	330	5000	0	83.7	52	120				
2,4,6-Trichlorophenol	3980.500	330	5000	0	79.6	51	120				
2,4-Dichlorophenol	3809.000	1600	5000	0	76.2	47	120				
2,4-Dimethylphenol	3780.500	330	5000	0	75.6	47	120				
2,4-Dinitrophenol	3623.000	1600	5000	0	72.5	30	120				
2,4-Dinitrotoluene	4225.500	330	5000	0	84.5	52	120				
2,6-Dinitrotoluene	4667.000	330	5000	0	93.3	62	120				
2-Chloronaphthalene	3906.000	330	5000	0	78.1	52	120				
2-Chlorophenol	3791.500	330	5000	0	75.8	46	120				
2-Methylnaphthalene	3780.000	330	5000	0	75.6	47	120				
2-Methylphenol	4093.000	330	5000	0	81.9	48	120				
2-Nitroaniline	4173.000	1600	5000	0	83.5	41	125				
2-Nitrophenol	3797.000	330	5000	0	75.9	45	120				
3,3'-Dichlorobenzidine	4304.000	660	7500	0	57.4	32	120				
3-Nitroaniline	4286.500	1600	5000	0	85.7	54	120				
4,6-Dinitro-2-methylphenol	4279.500	1600	5000	0	85.6	53	120				
4-Bromophenyl-phenylether	4242.000	330	5000	0	84.8	59	120				
4-Chloro-3-methylphenol	3881.000	660	5000	0	77.6	48	120				
4-Chloroaniline	3229.000	660	5000	0	64.6	38	120				
4-Chlorophenyl-phenylether	3909.000	330	5000	0	78.2	53	120				
4-Methylphenol	4011.500	330	5000	0	80.2	48	120				
4-Nitroaniline	4158.500	1600	5000	0	83.2	48	120				
4-Nitrophenol	4347.000	1600	5000	0	86.9	40	120				
Acenaphthene	4015.000	330	5000	0	80.3	47	120				
Acenaphthylene	4097.000	330	5000	0	81.9	48	120				
Anthracene	4304.500	330	5000	0	86.1	52	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: LCS-93038	SampType: LCS	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 5/24/2022	RunNo: 162728
Client ID: LCSS	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/25/2022	SeqNo: 4660694

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)anthracene	4252.500	330	5000	0	85.0	51	120				
Benzo(a)pyrene	4340.000	200	5000	0	86.8	53	120				
Benzo(b)fluoranthene	5041.500	330	5000	0	101	57	120				
Benzo(g,h,i)perylene	4607.500	330	5000	0	92.2	53	120				
Benzo(k)fluoranthene	4633.000	330	5000	0	92.7	56	120				
Benzoic acid	3733.000	1600	5000	0	74.7	27	120				
Benzyl alcohol	4536.500	660	5000	0	90.7	44	120				
Bis(2-chloroethoxy)methane	4203.500	330	5000	0	84.1	56	120				
Bis(2-chloroethyl)ether	3208.500	330	5000	0	64.2	44	120				
Bis(2-chloroisopropyl)ether	4284.000	330	5000	0	85.7	21	138				
Bis(2-ethylhexyl)phthalate	5205.500	330	5000	0	104	61	129				
Butylbenzylphthalate	4955.000	330	5000	0	99.1	58	127				
Chrysene	4375.000	330	5000	0	87.5	31	140				
Di-n-butylphthalate	4908.000	330	5000	0	98.2	61	121				
Di-n-octylphthalate	5386.500	330	5000	0	108	58	132				
Dibenz(a,h)anthracene	4414.500	200	5000	0	88.3	38	137				
Dibenzofuran	3982.000	330	5000	0	79.6	50	120				
Diethylphthalate	4397.500	330	5000	0	88.0	55	120				
Dimethylphthalate	4392.000	330	5000	0	87.8	59	120				
Fluoranthene	4114.500	330	5000	0	82.3	46	120				
Fluorene	4062.000	330	5000	0	81.2	50	120				
Hexachlorobenzene	4371.500	330	5000	0	87.4	57	120				
Hexachlorocyclopentadiene	3316.500	660	5000	0	66.3	40	120				
Hexachloroethane	4065.000	330	5000	0	81.3	47	120				
Indeno(1,2,3-cd)pyrene	4386.500	330	5000	0	87.7	53	122				
Isophorone	5210.500	330	5000	0	104	64	137				
N-Nitrosodi-n-propylamine	4149.500	330	5000	0	83.0	33	120				
N-Nitrosodiphenylamine	4112.500	330	5000	0	82.2	58	120				
Naphthalene	3684.000	330	5000	0	73.7	45	120				
Nitrobenzene	3889.500	330	5000	0	77.8	46	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: LCS-93038	SampType: LCS	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 5/24/2022	RunNo: 162728						
Client ID: LCSS	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/25/2022	SeqNo: 4660694						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	4226.000	330	5000	0	84.5	52	120				
Phenol	3756.500	330	5000	0	75.1	45	120				
Pyrene	4259.500	330	5000	0	85.2	47	120				
Pyridine	2867.000	1600	5000	0	57.3	23	120				
Surr: 1,2-Dichlorobenzene-d4	3491.500		5000		69.8	23	120				
Surr: 2,4,6-Tribromophenol	4568.500		5000		91.4	16	120				
Surr: 2-Chlorophenol-d4	3878.500		5000		77.6	25	120				
Surr: 2-Fluorobiphenyl	3596.000		5000		71.9	25	120				
Surr: 2-Fluorophenol	3875.000		5000		77.5	24	120				
Surr: 4-Terphenyl-d14	4316.000		5000		86.3	19	123				
Surr: Nitrobenzene-d5	3602.000		5000		72.0	17	120				
Surr: Phenol-d5	3971.500		5000		79.4	23	120				

Sample ID: MB-93038	SampType: MBLK	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 5/24/2022	RunNo: 162728						
Client ID: PBS	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/25/2022	SeqNo: 4660695						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	330									
1,2-Dichlorobenzene	ND	330									
1,3-Dichlorobenzene	ND	330									
1,4-Dichlorobenzene	ND	330									
2,4,5-Trichlorophenol	ND	330									
2,4,6-Trichlorophenol	ND	330									
2,4-Dichlorophenol	ND	1600									
2,4-Dimethylphenol	ND	330									
2,4-Dinitrophenol	ND	1600									
2,4-Dinitrotoluene	ND	330									
2,6-Dinitrotoluene	ND	330									
2-Chloronaphthalene	ND	330									
2-Chlorophenol	ND	330									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: MB-93038	SampType: MBLK	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 5/24/2022	RunNo: 162728
Client ID: PBS	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/25/2022	SeqNo: 4660695

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	ND	330									
2-Methylphenol	ND	330									
2-Nitroaniline	ND	1600									
2-Nitrophenol	ND	330									
3,3'-Dichlorobenzidine	ND	660									
3-Nitroaniline	ND	1600									
4,6-Dinitro-2-methylphenol	ND	1600									
4-Bromophenyl-phenylether	ND	330									
4-Chloro-3-methylphenol	ND	660									
4-Chloroaniline	ND	660									
4-Chlorophenyl-phenylether	ND	330									
4-Methylphenol	ND	330									
4-Nitroaniline	ND	1600									
4-Nitrophenol	ND	1600									
Acenaphthene	ND	330									
Acenaphthylene	ND	330									
Anthracene	ND	330									
Benzo(a)anthracene	ND	330									
Benzo(a)pyrene	ND	200									
Benzo(b)fluoranthene	ND	330									
Benzo(g,h,i)perylene	ND	330									
Benzo(k)fluoranthene	ND	330									
Benzoic acid	ND	1600									
Benzyl alcohol	ND	660									
Bis(2-chloroethoxy)methane	ND	330									
Bis(2-chloroethyl)ether	ND	330									
Bis(2-chloroisopropyl)ether	ND	330									
Bis(2-ethylhexyl)phthalate	ND	330									
Butylbenzylphthalate	ND	330									
Chrysene	ND	330									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: MB-93038	SampType: MBLK	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 5/24/2022	RunNo: 162728
Client ID: PBS	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/25/2022	SeqNo: 4660695

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-n-butylphthalate	ND	330									
Di-n-octylphthalate	ND	330									
Dibenz(a,h)anthracene	ND	200									
Dibenzofuran	ND	330									
Diethylphthalate	ND	330									
Dimethylphthalate	ND	330									
Fluoranthene	ND	330									
Fluorene	ND	330									
Hexachlorobenzene	ND	330									
Hexachlorocyclopentadiene	ND	660									
Hexachloroethane	ND	330									
Indeno(1,2,3-cd)pyrene	ND	330									
Isophorone	ND	330									
N-Nitrosodi-n-propylamine	ND	330									
N-Nitrosodiphenylamine	ND	330									
Naphthalene	ND	330									
Nitrobenzene	ND	330									
Phenanthrene	ND	330									
Phenol	ND	330									
Pyrene	ND	330									
Pyridine	ND	1600									
Surr: 1,2-Dichlorobenzene-d4	3815.000		5000		76.3	23	120				
Surr: 2,4,6-Tribromophenol	3967.500		5000		79.4	16	120				
Surr: 2-Chlorophenol-d4	4264.500		5000		85.3	25	120				
Surr: 2-Fluorobiphenyl	3775.500		5000		75.5	25	120				
Surr: 2-Fluorophenol	4244.000		5000		84.9	24	120				
Surr: 4-Terphenyl-d14	4761.000		5000		95.2	19	123				
Surr: Nitrobenzene-d5	3969.000		5000		79.4	17	120				
Surr: Phenol-d5	4379.000		5000		87.6	23	120				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: N050801-005A-MS	SampType: MS	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 5/24/2022	RunNo: 162728
Client ID: ZZZZZ	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/26/2022	SeqNo: 4660697

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2974.487	330	5003	0	59.5	30	120				
1,2-Dichlorobenzene	2983.492	330	5003	0	59.6	30	120				
1,3-Dichlorobenzene	2896.448	330	5003	0	57.9	29	120				
1,4-Dichlorobenzene	3261.131	330	5003	0	65.2	34	120				
2,4,5-Trichlorophenol	3353.677	330	5003	0	67.0	31	120				
2,4,6-Trichlorophenol	3138.069	330	5003	0	62.7	30	120				
2,4-Dichlorophenol	3008.504	1700	5003	0	60.1	27	120				
2,4-Dimethylphenol	2875.438	330	5003	0	57.5	24	120				
2,4-Dinitrophenol	2029.515	1700	5003	0	40.6	9	120				
2,4-Dinitrotoluene	3459.730	330	5003	0	69.2	32	120				
2,6-Dinitrotoluene	3897.949	330	5003	0	77.9	39	120				
2-Chloronaphthalene	3270.635	330	5003	0	65.4	36	120				
2-Chlorophenol	2879.440	330	5003	0	57.6	29	120				
2-Methylnaphthalene	3149.075	330	5003	0	63.0	32	120				
2-Methylphenol	3102.051	330	5003	0	62.0	27	120				
2-Nitroaniline	3534.767	1700	5003	0	70.7	25	125				
2-Nitrophenol	2918.459	330	5003	0	58.3	26	120				
3,3'-Dichlorobenzidine	3374.187	660	7504	0	45.0	11	120				
3-Nitroaniline	3570.785	1700	5003	0	71.4	33	120				
4,6-Dinitro-2-methylphenol	2933.967	1700	5003	0	58.6	22	120				
4-Bromophenyl-phenylether	3536.768	330	5003	0	70.7	38	120				
4-Chloro-3-methylphenol	3134.067	660	5003	0	62.7	29	120				
4-Chloroaniline	2663.332	660	5003	0	53.2	23	120				
4-Chlorophenyl-phenylether	3316.658	330	5003	0	66.3	34	120				
4-Methylphenol	3055.528	330	5003	0	61.1	28	120				
4-Nitroaniline	3444.222	1700	5003	0	68.8	27	120				
4-Nitrophenol	3346.173	1700	5003	0	66.9	19	120				
Acenaphthene	3347.674	330	5003	0	66.9	30	120				
Acenaphthylene	3432.216	330	5003	0	68.6	31	120				
Anthracene	3595.298	330	5003	0	71.9	33	120				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: N050801-005A-MS	SampType: MS	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 5/24/2022	RunNo: 162728
Client ID: ZZZZZZ	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/26/2022	SeqNo: 4660697

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)anthracene	3430.215	330	5003	0	68.6	30	120				
Benzo(a)pyrene	3443.222	200	5003	0	68.8	32	120				
Benzo(b)fluoranthene	3606.803	330	5003	0	72.1	34	120				
Benzo(g,h,i)perylene	3835.418	330	5003	0	76.7	26	120				
Benzo(k)fluoranthene	3901.951	330	5003	0	78.0	32	120				
Benzoic acid	2173.087	1700	5003	0	43.4	4	120				
Benzyl alcohol	3517.759	660	5003	0	70.3	30	120				
Bis(2-chloroethoxy)methane	3445.223	330	5003	0	68.9	37	120				
Bis(2-chloroethyl)ether	2222.611	330	5003	0	44.4	29	120				
Bis(2-chloroisopropyl)ether	3464.232	330	5003	0	69.2	22	120				
Bis(2-ethylhexyl)phthalate	4277.639	330	5003	0	85.5	40	125				
Butylbenzylphthalate	4048.524	330	5003	0	80.9	37	123				
Chrysene	3557.779	330	5003	80.22	69.5	13	134				
Di-n-butylphthalate	4033.017	330	5003	0	80.6	42	120				
Di-n-octylphthalate	4238.119	330	5003	0	84.7	34	129				
Dibenz(a,h)anthracene	3605.303	200	5003	0	72.1	14	128				
Dibenzofuran	3361.681	330	5003	0	67.2	33	120				
Diethylphthalate	3677.839	330	5003	0	73.5	37	120				
Dimethylphthalate	3765.883	330	5003	0	75.3	39	120				
Fluoranthene	3368.684	330	5003	180.9	63.7	28	120				
Fluorene	3434.717	330	5003	0	68.7	32	120				
Hexachlorobenzene	3584.292	330	5003	0	71.6	36	120				
Hexachlorocyclopentadiene	2657.329	660	5003	0	53.1	15	120				
Hexachloroethane	3246.623	330	5003	0	64.9	29	120				
Indeno(1,2,3-cd)pyrene	3582.791	330	5003	0	71.6	27	120				
Isophorone	4349.175	330	5003	0	86.9	39	140				
N-Nitrosodi-n-propylamine	3374.187	330	5003	0	67.5	32	120				
N-Nitrosodiphenylamine	3436.718	330	5003	0	68.7	37	120				
Naphthalene	3005.503	330	5003	0	60.1	30	120				
Nitrobenzene	3130.065	330	5003	0	62.6	30	120				

Qualifiers:

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|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: N050801-005A-MS		SampType: MS		TestCode: 8270SOIL_M		Units: µg/Kg		Prep Date: 5/24/2022		RunNo: 162728	
Client ID: ZZZZZ		Batch ID: 93038		TestNo: EPA 8270C EPA 3546				Analysis Date: 5/26/2022		SeqNo: 4660697	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	3522.261	330	5003	140.5	67.6	32	120				
Phenol	2866.933	330	5003	0	57.3	28	120				
Pyrene	3419.210	330	5003	149.0	65.4	28	120				
Pyridine	2411.706	1700	5003	0	48.2	15	120				
Surr: 1,2-Dichlorobenzene-d4	2862.431		5003		57.2	23	120				
Surr: 2,4,6-Tribromophenol	3746.873		5003		74.9	16	120				
Surr: 2-Chlorophenol-d4	3157.079		5003		63.1	25	120				
Surr: 2-Fluorobiphenyl	3066.033		5003		61.3	25	120				
Surr: 2-Fluorophenol	3133.067		5003		62.6	24	120				
Surr: 4-Terphenyl-d14	3593.297		5003		71.8	19	123				
Surr: Nitrobenzene-d5	2991.496		5003		59.8	17	120				
Surr: Phenol-d5	3264.132		5003		65.2	23	120				

Sample ID: N050801-005A-MSD		SampType: MSD		TestCode: 8270SOIL_M		Units: µg/Kg		Prep Date: 5/24/2022		RunNo: 162728	
Client ID: ZZZZZ		Batch ID: 93038		TestNo: EPA 8270C EPA 3546				Analysis Date: 5/26/2022		SeqNo: 4660698	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3159.283	330	4978	0	63.5	30	120	2974	6.03	20	
1,2-Dichlorobenzene	3118.467	330	4978	0	62.7	30	120	2983	4.42	20	
1,3-Dichlorobenzene	3065.704	330	4978	0	61.6	29	120	2896	5.68	20	
1,4-Dichlorobenzene	3423.594	330	4978	0	68.8	34	120	3261	4.86	20	
2,4,5-Trichlorophenol	3534.097	330	4978	0	71.0	31	120	3354	5.24	20	
2,4,6-Trichlorophenol	3284.719	330	4978	0	66.0	30	120	3138	4.57	20	
2,4-Dichlorophenol	3160.279	1600	4978	0	63.5	27	120	3009	4.92	20	
2,4-Dimethylphenol	3052.763	330	4978	0	61.3	24	120	2875	5.98	20	
2,4-Dinitrophenol	2152.315	1600	4978	0	43.2	9	120	2030	5.87	20	
2,4-Dinitrotoluene	3686.411	330	4978	0	74.1	32	120	3460	6.34	20	
2,6-Dinitrotoluene	4105.525	330	4978	0	82.5	39	120	3898	5.19	20	
2-Chloronaphthalene	3442.011	330	4978	0	69.2	36	120	3271	5.11	20	
2-Chlorophenol	3020.408	330	4978	0	60.7	29	120	2879	4.78	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: N050801-005A-MSD	SampType: MSD	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 5/24/2022	RunNo: 162728
Client ID: ZZZZZZ	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/26/2022	SeqNo: 4660698

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	3292.683	330	4978	0	66.2	32	120	3149	4.46	20	
2-Methylphenol	3255.849	330	4978	0	65.4	27	120	3102	4.84	20	
2-Nitroaniline	3683.425	1600	4978	0	74.0	25	125	3535	4.12	20	
2-Nitrophenol	3147.337	330	4978	0	63.2	26	120	2918	7.55	20	
3,3'-Dichlorobenzidine	3893.479	660	7466	0	52.1	11	120	3374	14.3	20	
3-Nitroaniline	3802.389	1600	4978	0	76.4	33	120	3571	6.28	20	
4,6-Dinitro-2-methylphenol	3322.549	1600	4978	0	66.8	22	120	2934	12.4	20	
4-Bromophenyl-phenylether	3831.757	330	4978	0	77.0	38	120	3537	8.01	20	
4-Chloro-3-methylphenol	3240.916	660	4978	0	65.1	29	120	3134	3.35	20	
4-Chloroaniline	2877.551	660	4978	0	57.8	23	120	2663	7.73	20	
4-Chlorophenyl-phenylether	3451.966	330	4978	0	69.4	34	120	3317	4.00	20	
4-Methylphenol	3171.229	330	4978	0	63.7	28	120	3056	3.72	20	
4-Nitroaniline	3670.483	1600	4978	0	73.7	27	120	3444	6.36	20	
4-Nitrophenol	3553.011	1600	4978	0	71.4	19	120	3346	6.00	20	
Acenaphthene	3530.114	330	4978	0	70.9	30	120	3348	5.31	20	
Acenaphthylene	3604.778	330	4978	0	72.4	31	120	3432	4.90	20	
Anthracene	3871.578	330	4978	0	77.8	33	120	3595	7.40	20	
Benzo(a)anthracene	3782.977	330	4978	0	76.0	30	120	3430	9.78	20	
Benzo(a)pyrene	3758.089	200	4978	0	75.5	32	120	3443	8.74	20	
Benzo(b)fluoranthene	4235.938	330	4978	0	85.1	34	120	3607	16.0	20	
Benzo(g,h,i)perylene	4222.001	330	4978	0	84.8	26	120	3835	9.60	20	
Benzo(k)fluoranthene	3993.031	330	4978	0	80.2	32	120	3902	2.31	20	
Benzoic acid	2245.396	1600	4978	0	45.1	4	120	2173	3.27	20	
Benzyl alcohol	3727.725	660	4978	0	74.9	30	120	3518	5.80	20	
Bis(2-chloroethoxy)methane	3658.039	330	4978	0	73.5	37	120	3445	5.99	20	
Bis(2-chloroethyl)ether	2375.809	330	4978	0	47.7	29	120	2223	6.66	20	
Bis(2-chloroisopropyl)ether	3658.039	330	4978	0	73.5	22	120	3464	5.44	20	
Bis(2-ethylhexyl)phthalate	4705.326	330	4978	0	94.5	40	125	4278	9.52	20	
Butylbenzylphthalate	4482.827	330	4978	0	90.1	37	123	4049	10.2	20	
Chrysene	3913.390	330	4978	80.22	77.0	13	134	3558	9.52	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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 ELAP Cert 2676 | NV Cert NVO0922
 ORELAP/NELAP Cert 4046

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_M

Sample ID: N050801-005A-MSD	SampType: MSD	TestCode: 8270SOIL_M	Units: µg/Kg	Prep Date: 5/24/2022	RunNo: 162728						
Client ID: ZZZZZ	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/26/2022	SeqNo: 4660698						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-n-butylphthalate	4374.813	330	4978	0	87.9	42	120	4033	8.13	20	
Di-n-octylphthalate	4487.307	330	4978	0	90.2	34	129	4238	5.71	20	
Dibenz(a,h)anthracene	4013.440	200	4978	0	80.6	14	128	3605	10.7	20	
Dibenzofuran	3506.720	330	4978	0	70.4	33	120	3362	4.22	20	
Diethylphthalate	3891.986	330	4978	0	78.2	37	120	3678	5.66	20	
Dimethylphthalate	3934.793	330	4978	0	79.1	39	120	3766	4.39	20	
Fluoranthene	3605.276	330	4978	180.9	68.8	28	120	3369	6.79	20	
Fluorene	3571.429	330	4978	0	71.8	32	120	3435	3.90	20	
Hexachlorobenzene	3904.928	330	4978	0	78.4	36	120	3584	8.56	20	
Hexachlorocyclopentadiene	2826.779	660	4978	0	56.8	15	120	2657	6.18	20	
Hexachloroethane	3451.468	330	4978	0	69.3	29	120	3247	6.12	20	
Indeno(1,2,3-cd)pyrene	4003.484	330	4978	0	80.4	27	120	3583	11.1	20	
Isophorone	4579.393	330	4978	0	92.0	39	140	4349	5.16	20	
N-Nitrosodi-n-propylamine	3523.146	330	4978	0	70.8	32	120	3374	4.32	20	
N-Nitrosodiphenylamine	3780.986	330	4978	0	76.0	37	120	3437	9.54	20	
Naphthalene	3214.037	330	4978	0	64.6	30	120	3006	6.71	20	
Nitrobenzene	3377.800	330	4978	0	67.9	30	120	3130	7.61	20	
Phenanthrene	3797.412	330	4978	140.5	73.5	32	120	3522	7.52	20	
Phenol	2977.601	330	4978	0	59.8	28	120	2867	3.79	20	
Pyrene	3687.407	330	4978	149.0	71.1	28	120	3419	7.55	20	
Pyridine	2612.743	1600	4978	0	52.5	15	120	2412	8.00	20	
Surr: 1,2-Dichlorobenzene-d4	2991.538		4978		60.1	23	120		0	0	
Surr: 2,4,6-Tribromophenol	4002.987		4978		80.4	16	120		0	0	
Surr: 2-Chlorophenol-d4	3321.055		4978		66.7	25	120		0	0	
Surr: 2-Fluorobiphenyl	3277.252		4978		65.8	25	120		0	0	
Surr: 2-Fluorophenol	3323.544		4978		66.8	24	120		0	0	
Surr: 4-Terphenyl-d14	3985.565		4978		80.1	19	123		0	0	
Surr: Nitrobenzene-d5	3192.633		4978		64.1	17	120		0	0	
Surr: Phenol-d5	3382.778		4978		68.0	23	120		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CALIFORNIA | P:562.219.7435 F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_PCP

Sample ID: LCS-93038	SampType: LCS	TestCode: 8270SOIL_PC	Units: mg/Kg	Prep Date: 5/24/2022	RunNo: 162729						
Client ID: LCSS	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/25/2022	SeqNo: 4660701						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	4.306	1.0	5.000	0	86.1	60	120				
Surr: 1,2-Dichlorobenzene-d4	3.492		5.000		69.8	23	120				
Surr: 2,4,6-Tribromophenol	4.569		5.000		91.4	16	120				
Surr: 2-Chlorophenol-d4	3.879		5.000		77.6	25	120				
Surr: 2-Fluorobiphenyl	3.596		5.000		71.9	25	120				
Surr: 2-Fluorophenol	3.875		5.000		77.5	24	120				
Surr: 4-Terphenyl-d14	4.316		5.000		86.3	19	123				
Surr: Nitrobenzene-d5	3.602		5.000		72.0	17	120				
Surr: Phenol-d5	3.972		5.000		79.4	23	120				

Sample ID: MB-93038	SampType: MBLK	TestCode: 8270SOIL_PC	Units: mg/Kg	Prep Date: 5/24/2022	RunNo: 162729						
Client ID: PBS	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/25/2022	SeqNo: 4660702						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	ND	1.0									
Surr: 1,2-Dichlorobenzene-d4	3.815		5.000		76.3	23	120				
Surr: 2,4,6-Tribromophenol	3.968		5.000		79.4	16	120				
Surr: 2-Chlorophenol-d4	4.265		5.000		85.3	25	120				
Surr: 2-Fluorobiphenyl	3.776		5.000		75.5	25	120				
Surr: 2-Fluorophenol	4.244		5.000		84.9	24	120				
Surr: 4-Terphenyl-d14	4.761		5.000		95.2	19	123				
Surr: Nitrobenzene-d5	3.969		5.000		79.4	17	120				
Surr: Phenol-d5	4.379		5.000		87.6	23	120				

Sample ID: N050801-005A-MS	SampType: MS	TestCode: 8270SOIL_PC	Units: mg/Kg	Prep Date: 5/24/2022	RunNo: 162729						
Client ID: ZZZZZ	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/26/2022	SeqNo: 4660704						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	3.002	1.0	5.003	0	60.0	60	120				
Surr: 1,2-Dichlorobenzene-d4	2.862		5.003		57.2	23	120				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: Geocon Consultants, Inc.
Work Order: N050851
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_PCP

Sample ID: N050801-005A-MS	SampType: MS	TestCode: 8270SOIL_PC	Units: mg/Kg	Prep Date: 5/24/2022	RunNo: 162729
Client ID: ZZZZZZ	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/26/2022	SeqNo: 4660704

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	3.747		5.003		74.9	16	120				
Surr: 2-Chlorophenol-d4	3.157		5.003		63.1	25	120				
Surr: 2-Fluorobiphenyl	3.066		5.003		61.3	25	120				
Surr: 2-Fluorophenol	3.133		5.003		62.6	24	120				
Surr: 4-Terphenyl-d14	3.593		5.003		71.8	19	123				
Surr: Nitrobenzene-d5	2.991		5.003		59.8	17	120				
Surr: Phenol-d5	3.264		5.003		65.2	23	120				

Sample ID: N050801-005A-MSD	SampType: MSD	TestCode: 8270SOIL_PC	Units: mg/Kg	Prep Date: 5/24/2022	RunNo: 162729
Client ID: ZZZZZZ	Batch ID: 93038	TestNo: EPA 8270C EPA 3546		Analysis Date: 5/26/2022	SeqNo: 4660705

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	3.353	1.0	4.978	0	67.4	60	120	3.002	11.0	20	
Surr: 1,2-Dichlorobenzene-d4	2.992		4.978		60.1	23	120		0	0	
Surr: 2,4,6-Tribromophenol	4.003		4.978		80.4	16	120		0	0	
Surr: 2-Chlorophenol-d4	3.321		4.978		66.7	25	120		0	0	
Surr: 2-Fluorobiphenyl	3.277		4.978		65.8	25	120		0	0	
Surr: 2-Fluorophenol	3.324		4.978		66.8	24	120		0	0	
Surr: 4-Terphenyl-d14	3.986		4.978		80.1	19	123		0	0	
Surr: Nitrobenzene-d5	3.193		4.978		64.1	17	120		0	0	
Surr: Phenol-d5	3.383		4.978		68.0	23	120		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CHAIN OF CUSTODY RECORD

Contact us: **#050851**
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.3072691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: Geocon Consultants, Inc. Address: 3160 Gold Valley Drive, #800 Address: Rancho Cordova, CA 95742 Phone: 916-852-9118 Fax:	Report to: Nicole Hastings-Bethel Company: Geocon Email: hastings@geoconinc.com Address:	Bill to: Nicole Hastings-Bethel Address: Email to: PO#: Phone: Fax:	EDD Requirement Excel EDD <input type="checkbox"/> Geotracker <input type="checkbox"/> Labspec <input type="checkbox"/> Others <input type="checkbox"/> Specify: Global ID:	QA/QC RTNE <input checked="" type="checkbox"/> RWQCB <input type="checkbox"/> CalTrans <input type="checkbox"/> Level III <input type="checkbox"/> LEVEL IV <input type="checkbox"/> Regulatory <input type="checkbox"/> Specify State: <i>W Temp Have</i>	Sampe Receipt Condition Y N 1. Chilled <input checked="" type="checkbox"/> 2. Headspace <input type="checkbox"/> 3. Container Intact <input checked="" type="checkbox"/> 4. Seal Present <input type="checkbox"/> 5. IR number <input type="checkbox"/> 3 6. Method of Cooling <input type="checkbox"/> Tie Sample Temp: 3.3°C
--	---	--	--	---	--

Title: Project Manager Signature: <i>[Signature]</i> Date:	Sampled By: <i>[Signature]</i> Signature: Nicole Hastings Date: 5.19.22	Matrix Ground <input type="checkbox"/> Sediment <input type="checkbox"/> Potable <input type="checkbox"/> Soil <input checked="" type="checkbox"/> NPDES <input type="checkbox"/> Other Solid <input type="checkbox"/> Surface <input type="checkbox"/>	Analyses Requested GRO/DRO/ORO 8015B CAM 17 Metals 601DB17471A VOCs 8260B SVOCs 8270	Turn Around Time No. of container Container Type PRESERVATION	Courier: FedEx Tracking No.: 0082
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Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	GRO/DRO/ORO 8015B	CAM 17 Metals 601DB17471A	VOCs 8260B	SVOCs 8270	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N050851-01	DTSP1-COMPA-D	5-18-22	740		S		X	X	X	X	EITC				
2	-02	DTSP2-COMPA-D	↓	745		S		X	X	X	X	EITC				
3	-03	DTSP3-COMPA-D	↓	1430		S		X	X	X	X	EITC				
4																
5																
6																
7																
8																
9																
10																
11																
12																

Relinquished by (Signature and Printed Name): <i>[Signature]</i> Nicole Hastings Date / Time: 5.19.22 1300	Received by (Signature and Printed Name): <i>[Signature]</i> REDEX Date / Time:	Turn Around Time (TAT) <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00 PM.	Special Instruction: SVOCs standard reporting levels ok include PCP
Relinquished by (Signature and Printed Name):	Received by (Signature and Printed Name): <i>[Signature]</i> Joaquin Rodriguez Date / Time: 5/19/22		
Relinquished by (Signature and Printed Name):	Received by (Signature and Printed Name): Date / Time: 0930		

Terms
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. TAT 5-7 business days, surcharges will apply for rush analysis.
3. Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
4. Results will be an additional 3% of the total project price.
5. Surcharges for Level III Data Packages, 15% for Level IV Data Packages. Surcharges applied on total project price.

5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives:
H = HCl N = HNO3 S = H2SO4 C = 4°C
Z = Zn(AC)2 O = NaOH T = Na2S2O3

Container Type:
T = Tube V = VOA P = Pint
J = Jar B = Tedlar G = Glass
M = Metal P = Plastic C = Can

White = Laboratory Copy
Yellow = Customer's Copy

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 5/20/2022 Workorder: N050851
 Rep sample Temp (Deg C): 3.3 IR Gun ID: 3
 Temp Blank: Yes No
 Carrier name: FedEx
 Last 4 digits of Tracking No.: 0022 Packing Material Used: Bubble Wrap
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: YR YRJ 5/23/2022

Reviewed By: MBC 5/24/2022

ASSET Laboratories

WORK ORDER Summary

24-May-22

WorkOrder: N050851

Client ID: GEOCO02

Project: The Landing - Mt Shasta, S9850-07-13C/D

QC Level: RTNE

Date Received: 5/20/2022

Comments: SVOC Standard reporting is ok include PCP

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N050851-001A	DTSP1-COMPA-D	5/18/2022 7:40:00 AM	5/27/2022	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS				
N050851-002A	DTSP2-COMPA-D	5/18/2022 7:45:00 AM	5/27/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
						MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS				

ASSET Laboratories

WORK ORDER Summary

24-May-22

WorkOrder: N050851

Client ID: GEOCO02

Project: The Landing - Mt Shasta, S9850-07-13C/D

QC Level: RTNE

Date Received: 5/20/2022

Comments: SVOC Standard reporting is ok include PCP

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N050851-002A	DTSP2-COMPA-D	5/18/2022 7:45:00 AM	5/27/2022	Soil	EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			5/27/2022		EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			5/27/2022		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N050851-003A	DTSP3-COMPA-D	5/18/2022 2:30:00 PM	5/27/2022		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			5/27/2022		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			5/27/2022		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			5/27/2022			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			5/27/2022		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			5/27/2022		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			5/27/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			5/27/2022		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			5/27/2022		EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
5/27/2022	EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS				
5/27/2022	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS				
N050851-004A	FOLDER	5/27/2022	5/27/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			5/27/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

ORIGIN ID:MHRA (916) 852-9118
NICOLE HASTINGS
GEOCON
3180 GOLD VALLEY DRIVE
STE 800
RANCHO CORDOVA, CA 95742
UNITED STATES US

SHIP DATE: 18MAY22
ACTWGT: 15.00 LB
CAD: 102391801/NET4490

TO **MARLON CARTIN**
ATL DBA ASSET LABORATORIES
3151 W. POST RD.

LAS VEGAS NV 89118

(702) 307-3245

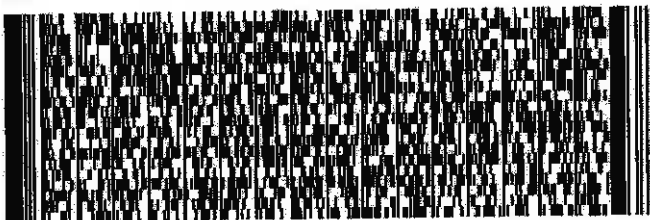
REF

INV

DEPT

PG

RMA:



577 J5H B06/FE4A

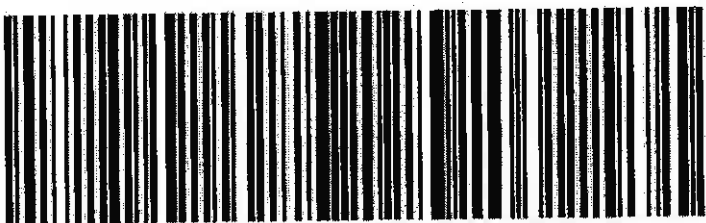
RETURNS MON-FRI
PRIORITY OVERNIGHT

TRK# 7912 6267 0022

0221

89118

NV-US



3.3°C 18#3

0930

1. Select the 'Print' button to print 1 copy of each label.
2. The Return Shipment instructions, which provide your recipient with information on the returns process, will be printed with the label(s).
3. After printing, select your next step by clicking one of the displayed buttons.

Note: To review or print individual labels, select the Label button under each label image above.

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**IF SEAL IS BROKEN
CHECK CONTENTS
BEFORE ACCEPTING**



October 04, 2022

Nicole Hastings-Bethel
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742

TEL: (916) 852-9118

FAX: (916) 852-9132

Workorder No.: N052903

RE: The Landing - Mt Shasta, S9850-07-13C/D

Attention: Nicole Hastings-Bethel

Enclosed are the results for sample(s) received on October 04, 2022 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

 for

Nancy Sibucan
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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CLIENT: Geocon Consultants, Inc.
Project: The Landing - Mt Shasta, S9850-07-13C/D
Lab Order: N052903

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 8270C:

RPD and recovery of Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside criteria for Pentachlorophenol in QC samples N052900-001A-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: Geocon Consultants, Inc.
Project: The Landing - Mt Shasta, S9850-07-13C/D
Lab Order: N052903
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N052903-001A	DTSP14-COMPA-D	Soil	10/3/2022 12:15:00 PM	10/4/2022	10/4/2022



CLIENT: Geocon Consultants, Inc.

Client Sample ID: DTSP14-COMPA-D

Lab Order: N052903

Collection Date: 10/3/2022 12:15:00 PM

Project: The Landing - Mt Shasta, S9850-07-13C/D

Matrix: SOIL

Lab ID: N052903-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 3546

EPA 8270C

RunID:	NV00922-MS3_221004A	QC Batch:	95026	PrepDate:	10/4/2022	Analyst:	PL
Pentachlorophenol		3.6	1.0	mg/Kg	1	10/4/2022 07:32 PM	
Surr: 1,2-Dichlorobenzene-d4		56.9	23-120	%REC	1	10/4/2022 07:32 PM	
Surr: 2,4,6-Tribromophenol		56.9	16-120	%REC	1	10/4/2022 07:32 PM	
Surr: 2-Chlorophenol-d4		58.5	25-120	%REC	1	10/4/2022 07:32 PM	
Surr: 2-Fluorobiphenyl		63.8	25-120	%REC	1	10/4/2022 07:32 PM	
Surr: 2-Fluorophenol		58.7	24-120	%REC	1	10/4/2022 07:32 PM	
Surr: 4-Terphenyl-d14		68.0	19-123	%REC	1	10/4/2022 07:32 PM	
Surr: Nitrobenzene-d5		59.9	17-120	%REC	1	10/4/2022 07:32 PM	
Surr: Phenol-d5		58.2	23-120	%REC	1	10/4/2022 07:32 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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“Serving Clients with Passion and Professionalism”

CLIENT: Geocon Consultants, Inc.
Work Order: N052903
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_PCP

Sample ID: LCS-95026	SampType: LCS	TestCode: 8270SOIL_PCP	Units: mg/Kg	Prep Date: 10/4/2022	RunNo: 166180						
Client ID: LCSS	Batch ID: 95026	TestNo: EPA 8270C EPA 3546		Analysis Date: 10/4/2022	SeqNo: 4857354						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Pentachlorophenol	4.270	1.0	5.000	0	85.4	60	120				
Surr: 1,2-Dichlorobenzene-d4	4.128		5.000		82.6	23	120				
Surr: 2,4,6-Tribromophenol	4.335		5.000		86.7	16	120				
Surr: 2-Chlorophenol-d4	4.336		5.000		86.7	25	120				
Surr: 2-Fluorobiphenyl	4.427		5.000		88.5	25	120				
Surr: 2-Fluorophenol	4.351		5.000		87.0	24	120				
Surr: 4-Terphenyl-d14	5.522		5.000		110	19	123				
Surr: Nitrobenzene-d5	4.212		5.000		84.2	17	120				
Surr: Phenol-d5	4.374		5.000		87.5	23	120				

Sample ID: MB-95026	SampType: MBLK	TestCode: 8270SOIL_PCP	Units: mg/Kg	Prep Date: 10/4/2022	RunNo: 166180						
Client ID: PBS	Batch ID: 95026	TestNo: EPA 8270C EPA 3546		Analysis Date: 10/4/2022	SeqNo: 4857355						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Pentachlorophenol	ND	1.0									
Surr: 1,2-Dichlorobenzene-d4	3.904		5.000		78.1	23	120				
Surr: 2,4,6-Tribromophenol	3.584		5.000		71.7	16	120				
Surr: 2-Chlorophenol-d4	4.041		5.000		80.8	25	120				
Surr: 2-Fluorobiphenyl	4.129		5.000		82.6	25	120				
Surr: 2-Fluorophenol	4.125		5.000		82.5	24	120				
Surr: 4-Terphenyl-d14	4.940		5.000		98.8	19	123				
Surr: Nitrobenzene-d5	4.060		5.000		81.2	17	120				
Surr: Phenol-d5	4.107		5.000		82.1	23	120				

Sample ID: N052900-001A-MS	SampType: MS	TestCode: 8270SOIL_PCP	Units: mg/Kg	Prep Date: 10/4/2022	RunNo: 166180						
Client ID: ZZZZZ	Batch ID: 95026	TestNo: EPA 8270C EPA 3546		Analysis Date: 10/4/2022	SeqNo: 4857357						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: N052903
Project: The Landing - Mt Shasta, S9850-07-13C/D

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOIL_PCP

Sample ID: N052900-001A-MS	SampType: MS	TestCode: 8270SOIL_PC	Units: mg/Kg	Prep Date: 10/4/2022	RunNo: 166180						
Client ID: ZZZZZZ	Batch ID: 95026	TestNo: EPA 8270C EPA 3546		Analysis Date: 10/4/2022	SeqNo: 4857357						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	8.379	1.0	5.013	2.718	113	60	120				
Surr: 1,2-Dichlorobenzene-d4	3.722		5.013		74.3	23	120				
Surr: 2,4,6-Tribromophenol	3.886		5.013		77.5	16	120				
Surr: 2-Chlorophenol-d4	3.876		5.013		77.3	25	120				
Surr: 2-Fluorobiphenyl	4.042		5.013		80.6	25	120				
Surr: 2-Fluorophenol	3.896		5.013		77.7	24	120				
Surr: 4-Terphenyl-d14	4.760		5.013		95.0	19	123				
Surr: Nitrobenzene-d5	3.907		5.013		77.9	17	120				
Surr: Phenol-d5	3.843		5.013		76.7	23	120				

Sample ID: N052900-001A-MSD	SampType: MSD	TestCode: 8270SOIL_PC	Units: mg/Kg	Prep Date: 10/4/2022	RunNo: 166180						
Client ID: ZZZZZZ	Batch ID: 95026	TestNo: EPA 8270C EPA 3546		Analysis Date: 10/4/2022	SeqNo: 4857358						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	5.563	1.0	4.993	2.718	57.0	60	120	8.379	40.4	20	SR
Surr: 1,2-Dichlorobenzene-d4	3.605		4.993		72.2	23	120		0	0	
Surr: 2,4,6-Tribromophenol	3.674		4.993		73.6	16	120		0	0	
Surr: 2-Chlorophenol-d4	3.697		4.993		74.0	25	120		0	0	
Surr: 2-Fluorobiphenyl	3.892		4.993		78.0	25	120		0	0	
Surr: 2-Fluorophenol	3.725		4.993		74.6	24	120		0	0	
Surr: 4-Terphenyl-d14	4.340		4.993		86.9	19	123		0	0	
Surr: Nitrobenzene-d5	3.647		4.993		73.0	17	120		0	0	
Surr: Phenol-d5	3.713		4.993		74.4	23	120		0	0	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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P: 562.215.7435 F: 562.215.7430
www.assetlaboratories.com

Client: Geocon Consultants, Inc.		Report to: Nicole Hastings-Bethel		Bill to: Nicole Hastings-Bethel		EDD Requirement		QA/QC		Sample Receipt Condition	
Address: 3160 Gold Valley Drive, #800		Company: Geocon		Address:		Excel EDD <input type="checkbox"/>		RTNE <input checked="" type="checkbox"/>		Y N	
Address: Rancho Cordova, CA 95742		Email: hastings@geoconinc.com		Email to:		Geotracker <input type="checkbox"/>		RWQCB <input type="checkbox"/>		1. Chilled <input checked="" type="checkbox"/>	
Phone: 916-852-9118 Fax:		Address:		PO#		Labspec <input type="checkbox"/>		CalTrans <input type="checkbox"/>		2. Headspace <input type="checkbox"/>	
Submitted by: Nicole Hastings-Bethel		Address:		Phone:		Others <input type="checkbox"/>		Level III <input type="checkbox"/>		3. Container Intact <input checked="" type="checkbox"/>	
Title: Project Manager		Phone:		Fax:		Specify:		LEVEL IV <input type="checkbox"/>		4. Seal Present <input type="checkbox"/>	
Signature:		Date: 10.3.22		Sampled By: Nicole Hastings-Bethel		Global ID:		Regulatory <input type="checkbox"/>		5. IR number <u>1</u>	
I hereby authorize ASSET Labs to perform the tests indicated below:		Signature:		Date: 10.3.22		Matrix		Specify State:		6. Method of Cooling <u>ICE</u>	
Project Name: The Landing - Mt Shasta		Signature:		Date: 10.3.22		Ground <input type="checkbox"/> Sediment <input type="checkbox"/>		Analyses Requested		Sample Temp: <u>2-4C</u>	
Project Number: S9850-07-13C/D		Signature:		Date: 10.3.22		Potable <input type="checkbox"/> Soil <input checked="" type="checkbox"/>		PCP 0270CSIM (LCS 60-120)		Courier: <u>FEDEX</u>	
Project Name: The Landing - Mt Shasta		Signature:		Date: 10.3.22		NPDES <input type="checkbox"/> Other Solid <input type="checkbox"/>				Tracking No. <u>4195</u>	
Project Number: S9850-07-13C/D		Signature:		Date: 10.3.22		Surface <input type="checkbox"/>				PRESERVATION	
Item No.	Laboratory Work Order No.	Sample ID/Location		Date	Time	Water	Solid	Others	Remarks		
1	N052903-01	DTSP14-COMPA-D		10.3.22	1215		S	X	EITC		
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
Relinquished by (Signature and Printed Name):		Date / Time: 10.3.22 1300		Received by (Signature and Printed Name): <u>Fed Ex</u>		Date / Time: 10.3.22 1300		Turn Around Time (TAT)		Special Instruction:	
Relinquished by (Signature and Printed Name):		Date / Time:		Received by (Signature and Printed Name): <u>Anton Farago 9/ps</u>		Date / Time: 10/4/22 0947		<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT Starts at 8 AM the following day if samples received after 3:00 PM.		Project specific LCS 60-120 for PCP. Soil <1.0mg/kg and water <1.0ug/l	
Relinquished by (Signature and Printed Name):		Date / Time:		Received by (Signature and Printed Name):		Date / Time:		Preservatives:		Container Type:	
								H = HCl N = HNO3 S = H2SO4 C = 4°C Z = Zn(AC)2 O = NaOH T = Na2S2O3 Others/Specify:		T = Tube V = VOA P = Pint J = Jar B = Tedlar G = Glass M = Metal P = Plastic C = Can	
Terms		1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.		2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.		3. Less than 24 Hrs = 200% Next Day = 300% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%		3. Custom EDD formats will be an additional 3% of the total project price.		4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.	
		5. Trip Blanks and Equipment Blanks are billable sample.		6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.		7. Terms are net 30 Days.		8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.		9. For subcontract analysis, TAT and Surcharges will vary.	

White = Laboratory Copy

Yellow = Customer's Copy

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 10/4/2022 Workorder: N052903
 Rep sample Temp (Deg C): 2.4 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: FedEx
 Last 4 digits of Tracking No.: 4195 Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: EF *Efanegof* 10/4/2022

Reviewed By: *for: jmaupabius*
MBC 10/4/2022

ASSET Laboratories

WORK ORDER Summary

04-Oct-22

WorkOrder: N052903

Client ID: GEOCO02

Project: The Landing - Mt Shasta, S9850-07-13C/D

QC Level: RTNE

Date Received: 10/4/2022 9:47 AM

Comments: Project specific LCS 60-120 for PCP. Soil <1.0mg/kg and water <1.0ug/l

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N052903-001A	DTSP14-COMPA-D	10/3/2022 12:15:00 PM	10/11/2022	Soil	EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			10/11/2022		EPA 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GCMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N052903-002A	FOLDER	10/11/2022	10/11/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			10/11/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

ORIGIN ID:MHRA (916) 852-9118
NICOLE HASTINGS
GEOCON
3160 GOLD VALLEY DRIVE
STE 800
RANCHO CORDOVA, CA 95742
UNITED STATES US

SHIP DATE: 03OCT22
ACTWGT: 20.00 LB
CAD: 102391801/INET4530

TO **MARLON CARTIN**
ATL DBA ASSET LABORATORIES
3151 W. POST RD.

LAS VEGAS NV 89118

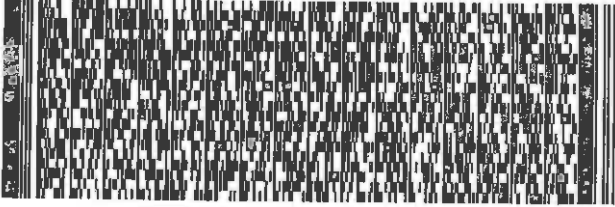
(702) 307-3245
INV. PO.

REF

DEPT.

581 J1/A05F/FE2D

RMA:



RETURNS MON-FRI

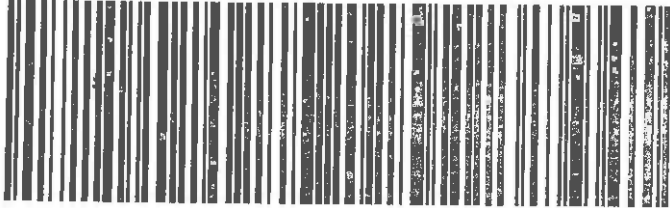
PRIORITY OVERNIGHT

TRK#
0221

7913 0078 4195

89118

NV-US



1. Select the 'Print' button to print 1 copy of each label.
2. The Return Shipment instructions, which provide your recipient with information on the returns process, will be printed with the label(s).
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