

Premier 40, LLC
8483 Douglas Plaza Drive
Granite Bay, California 95746

Project No. E22325.004
22 October 2025

Attention: Mr. Stefan Horstschaer

Subject: **THE RESERVE**
5780 Rocklin Road, Loomis, California
Phase II Environmental Site Assessment

References: 1) Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, And Polychlorinated Biphenyls from Electrical Transformers, California Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office, Revised June 2006.

2) Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC-SLs), California Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office, June 2020, Revised May 2022.

3) Duvergé, D.J., 2011, Establishing background arsenic in soil of the urbanized San Francisco Bay region, Master of Science in Geosciences, California State University San Francisco.

4) Phase I Environmental Site Assessment for The Reserve, prepared by Youngdahl Consulting Group, Inc., (Project No. E22325.002).

Dear Mr. Horstschaer:

Youngdahl Consulting Group, Inc. (Youngdahl) completed a Phase II Environmental Site Assessment (ESA) to evaluate potential impacts to soils at The Reserve (Subject Property) from historical and existing residential buildings, historical orchards, aerially deposited lead, the unknown origin of soil in a stockpile, and a pole-mounted transformer.

This Phase II ESA presents the following:

- Site Description;
- Project Background;
- Assessment Activities;
- Laboratory Analytical Results; and,
- Conclusions and Recommendations.

Site Description

The Subject Property consists of 26.29 acres of land located at 5780 Rocklin Road in Loomis, California, and is assigned Placer County Assessor's Parcel Number (APN) 045-161-033 (Figure 1). The northern portion of the Subject Property is transected east to west by Rocklin Road and is developed with a residence and Quonset hut.

Background

The Phase I ESA prepared for the Subject Property by Youngdahl (Reference 4) identified that the Subject Property was developed with two structures on the western portion and an existing



residence and a Quonset hut are located on the eastern portion. The northern portion of the Subject Property was planted with an orchard from at least 1938 until at least 1975. In addition, Rocklin Road has transected the northern portion from east to west since at least 1938. A pole-mounted transformer was observed on the northern property boundary and a soil stockpile was observed on the western portion of the Subject Property. The following recognized environmental conditions were identified for the Subject Property:

- On-site concerns were noted from the potential presence of lead from lead-based paint that may have been used in the construction and/or maintenance of the western structures and the Quonset hut on the eastern portion of the Subject Property.
- On-site concerns were noted from the potential presence of organochlorine pesticides that may have been applied as termiticides in surface soils in the vicinity of the western structures and the eastern residence.
- On-site concerns were noted from the potential presence of organochlorine pesticides, lead, and arsenic that may have been applied to the orchard on the northern portion of the Subject Property.
- There is a potential that aerially deposited lead from the historical use of leaded gasoline has impacted the soil around Rocklin Road on the northern portion of the Subject Property.
- On-site concerns were noted from the presence of a pole-mounted transformer on the northern property boundary and the potential that older transformers contained polychlorinated biphenyls (PCBs).
- On-site concerns were noted from the presence of a soil stockpile observed on the western portion of the Subject Property. The current owner of the parcel indicated that the soil was placed on the Subject Property in 2007 and originated from a site to the north. The lack of historical information regarding the origin of the soil piles is a recognized environmental condition.

Youngdahl recommended collecting soil samples to evaluate potential impacts from the RECs noted in the Phase I ESA.

Soil Sample Collection

On 29 September 2025, Youngdahl mobilized to the Subject Property to collect the proposed soil samples. Youngdahl used a high-accuracy global positioning system (GPS) to locate the soil sample locations around the locations of the two former buildings (Buildings 1 and 2; one sample on each side of each structure) that are no longer present, along Rocklin Road, and within the former orchard area. Youngdahl recorded the soil sample locations selected in the field for the existing structures (Buildings 3 and 4) and at the soil stockpile using the GPS. Youngdahl used a measuring tape to locate sample locations directly below and five feet to the east, south, and west of a pole-mounted transformer and marked each location with a pin flag (Figure 2).

Youngdahl collected soil samples from two depths, 0 to 6 inches and 24 to 30 inches below ground surface (bgs), at each building sample location. The soil samples collected from 0 to 6 inches were submitted to the laboratory for analysis of organochlorine pesticides and lead. The samples collected from 24 to 30 inches below ground surface were submitted for analysis of organochlorine pesticides. Soil samples were collected from varying depths between the surface and one-foot into the soil stockpile at eight locations. Soil samples collected from the soil stockpile were submitted to the laboratory for analysis of total petroleum hydrocarbons (TPH) as diesel and TPH as motor oil, TPH as gasoline, PCBs, organochlorine pesticides, asbestos, volatile organic

compounds, semi-volatile organic compounds, and California Assessment Manual (CAM 17) metals. Four soil samples were collected from 0 to 6 inches bgs within the former orchard area and submitted to the laboratory for analysis of lead, arsenic, and organochlorine pesticides. Eight soil samples were collected from 0 to 6 inches bgs along Rocklin Road and submitted for analysis of lead. Soil samples were collected using a trowel, soil was placed into 4-ounce glass jars which were labeled, placed into sealable plastic bags, and placed onto ice. The samples were transported under chain-of-custody protocols to California Laboratory Services, a California State Water Resources Control Board approved laboratory in Rancho Cordova, California, with ELAP No. 1233.

Analytical Results

Laboratory analysis of the structure soil samples indicated lead concentrations ranging from 3.4 milligrams per kilogram (mg/kg) to 31 mg/kg. Organochlorine pesticide concentrations in the soil samples collected in the vicinity of the structures were reported to be non-detect below reporting limits of 1.0 to 100 micrograms per kilogram ($\mu\text{g/kg}$) in all samples for 4,4'-DDD, aldrin, alpha-BHC, beta-BHC, delta-BHC, dieldrin, endosulfan I, endosulfan II, endosulfan sulfate, endrin, endrin aldehyde, gamma-BHC (Lindane), heptachlor, heptachlor epoxide, methoxychlor, mirex, and toxaphene. Chlordane concentrations ranged from non-detect below report limits of below reporting limits of 3.3 $\mu\text{g/kg}$ and 17 $\mu\text{g/kg}$ to a concentration of 230 $\mu\text{g/kg}$.

For the samples collected from the soil stockpile, laboratory analysis indicated that semi-volatile organic compound concentrations were non-detect below reporting limits of 330 $\mu\text{g/kg}$ to 830 $\mu\text{g/kg}$ for all constituents in all samples. The laboratory analytical report indicated that concentrations of volatile organic compounds were non-detect below reporting limits of 5.0 $\mu\text{g/kg}$ to 100 $\mu\text{g/kg}$ for all constituents in all samples. The concentration of TPH as diesel was reported to be non-detect below the reporting limit of 1.0 mg/kg to 1.7 mg/kg. The TPH as motor oil concentrations ranged from non-detect below a reporting limit of 1.0 mg/kg to 7.6 mg/kg. All samples were reported to be non-detect for asbestos. The following metals were detected in the soil samples collected from the soil piles: arsenic, barium, chromium, cobalt, copper, lead, nickel, vanadium, and zinc. Concentrations of arsenic in the soil samples collected from the soil piles ranged from less than the reporting limit of 1.0 mg/kg to 1.0 mg/kg.

Laboratory analysis of the samples from beneath the pole-mounted transformer were all reported to be non-detect below a reporting limit of 20 $\mu\text{g/kg}$ for all constituents in all samples.

The lead concentrations in the soil samples collected adjacent to Rocklin Road ranged from 7.0 mg/kg to 57 mg/kg.

For the soil samples collected from the former orchard area, laboratory analysis indicated that arsenic was not detected above the reporting limit of 2.0 mg/kg. Lead concentrations ranged from 8.1 mg/kg to 17 mg/kg. Organochlorine pesticide concentrations were measured to be non-detect (ND) below reporting limits of 1.0 to 100 micrograms per kilogram ($\mu\text{g/kg}$) in all samples for 4,4'-DDD, aldrin, alpha-BHC, beta-BHC, delta-BHC, dieldrin, endosulfan I, endosulfan II, endosulfan sulfate, endrin, endrin aldehyde, gamma-BHC (Lindane), heptachlor, heptachlor epoxide, methoxychlor, mirex, and toxaphene. 4,4'-DDE concentrations ranged from 7.3 $\mu\text{g/kg}$ to 180 $\mu\text{g/kg}$ and 4,4'-DDT concentrations ranged from non-detect below reporting limits of 3.3 $\mu\text{g/kg}$ and 17 $\mu\text{g/kg}$ to a concentration of 36 $\mu\text{g/kg}$.

The laboratory analytical report is attached to this report.

Screening levels

California Department of Toxic Substances Control (DTSC) has developed the Human Health Risk Assessment (HHRA) Note 3 that presents recommended screening levels for constituents in soil (Reference 2). None of the samples had lead concentrations exceeding the residential DTSC screening level for lead, 80 mg/kg. Organochlorine pesticides, semi-volatile organic compounds, volatile organic compounds, TPH as diesel, TPH as motor oil, TPH as gasoline, CAM 17 metals, and PCBs were all reported to be below the screening levels for all constituents in each sample.

Laboratory analysis of the agricultural field soil samples for arsenic indicated concentrations of arsenic up to 1.0 mg/kg, which exceeds the residential environmental screening level of 0.032 mg/kg. Arsenic is naturally present in soil, and the US Environmental Protection Agency (USEPA) and DTSC typically do not require site mitigation for concentrations at or below naturally occurring background levels. Studies in California have been conducted in an attempt to establish background arsenic in soil. Duvergé (2011; Reference 3) evaluated 1,454 soil samples at 77 sites across nine counties and found background arsenic concentrations in the San Francisco Bay region to be on the order of 11 mg/kg. It was noted that these findings are “markedly lower than commonly cited sources in the literature (Duvergé, 2011).” The concentrations of arsenic detected in soil samples are within expected background concentrations.

Quality Assurance/Quality Control

California Laboratory Services, Inc. performed quality control testing including surrogate compounds, blank samples, matrix spike samples, and matrix spike duplicate samples. Some of the results were outside of recovery acceptance limits or had matrix interference. The results were found to be acceptable based on acceptable laboratory control sample recoveries. Some surrogates and blanks were outside of their respective control limits. The samples were not reanalyzed because the analyte associated with the surrogate was not detected.

Findings and Recommendations

We are of the opinion that no further environmental action is required at the Subject Property.

Limitations and Uniformity of Conditions

1. This report has been prepared for the use of Premier 40, LLC and their clients, and for specific application to the property located at 5780 Rocklin Road, Placer County APN 045-161-033 in Loomis, California. Youngdahl Consulting Group, Inc. has endeavored to comply with generally accepted environmental geology practice common to the local area. Youngdahl Consulting Group, Inc. makes no other warranty, express or implied.
2. As of the present date, the findings of this report are valid for the property studied within the constraints of the data that was reviewed and the specific sampling locations and laboratory analyses completed. With the passage of time, changes in the conditions of a property can occur whether they are due to natural processes or to the works of man on this or adjacent properties. Legislation or the broadening of knowledge may result in changes in applicable standards. Changes outside of our control may cause this report to be invalid, wholly or partially. Therefore, this report should not be relied upon after a period of three years without our review nor should it be used or is it applicable for any properties other than those studied.
3. The analyses and recommendations contained in this report are based on limited windows into the subsurface conditions and data obtained from subsurface exploration. The methods used indicate subsurface conditions only at the specific locations where samples



were obtained, only at the time they were obtained, and only to the depths penetrated. Samples cannot be relied on to accurately reflect the strata variations that usually exist between sampling locations. Should any variations or undesirable conditions be encountered during the development of the site, Youngdahl Consulting Group, Inc. will provide supplemental recommendations as dictated by the field conditions.

Closure

Thank you for allowing us the opportunity to participate on this project. Please feel free to contact the undersigned with any comments or questions.

Very truly yours,
Youngdahl Consulting Group, Inc.

Reviewed By:

Nancy M. Malaret
Environmental Project Manager

David C. Sederquist, C.E.G., C.HG.
Senior Engineering Geologist/Hydrogeologist

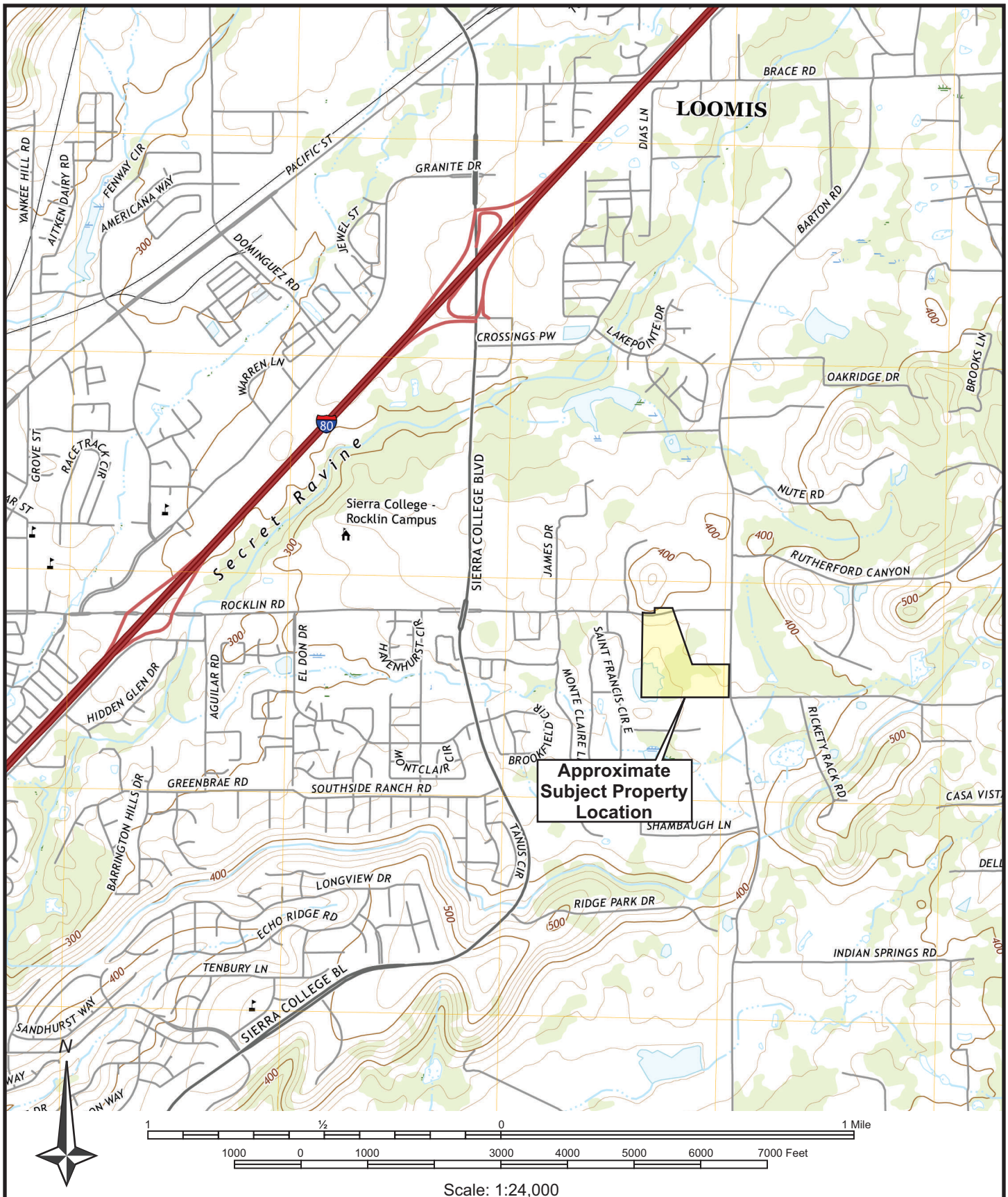


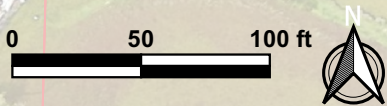
10-23-25

Attachments:

Figure 1 – Vicinity Map
Figure 2 – Site Plan
Laboratory Report

Figures





REFERENCE: Overlaid onto Google Earth, Aerial Dated 02/18/2022

Laboratory Report



CALIFORNIA LABORATORY SERVICES

Committed. Responsive. Flexible.

October 07, 2025

CLS Work Order #: 2511400

COC #:

Nancy Malaret
Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project Name: The Reserve Phase II ESA

Enclosed are the results of analyses for samples received by the laboratory on 09/29/25 12:31. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

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

Sincerely,

Daniel Johnson
Technical Director

CA SWRCB ELAP Accreditation/Registration number 1233



CHAIN OF CUSTODY

CLS ID No.: 251400

LOG

Page 1 of 5

REPORT TO:			CLIENT JOB NUMBER			ANALYSIS REQUESTED					GEOTRACKER:				
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1234 Glenhaven Court			DESTINATION LABORATORY								GLOBAL ID:				
El Dorado Hills, CA 95762			<input type="checkbox"/> CLS (916) 638-7301			PRESERVATIVES					CDPH WRITE ON EDT TRANSMISSION? <input type="checkbox"/> YES <input type="checkbox"/> NO				
PROJECT MANAGER Nancy Malaret (916) 933-0633			3249 FITZGERALD RD.								STATE SYSTEM NUMBER				
PROJECT NAME The Reserve Phase II ESA			RANCHO CORDOVA, CA. 95742								IF "YES" PLEASE ENTER THE SOURCE NUMBER(S).				
SAMPLED BY ARD/NMM/TPG			<input type="checkbox"/> OTHER								COMPOSITE:				
JOB DESCRIPTION Soil Sampling											TURN AROUND TIME				
SITE LOCATION 5780 Rocklin Road, Loomis, CA											SPECIAL INSTRUCTIONS				
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												ALT.	ID:		
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	9:07	ADL2													
	9:26	ADL3													
	9:29	ADL4													
	9:29	ADL4D													
	9:17	ADL5													
	9:09	ADL6													
	9:34	ADL7													
	9:36	ADL8													
	9:54	PMT1													
	9:54	PMT1D													
	10:00	PMT2													
	10:02	PMT3													
Email/Address nancy.m@youngdahl.net, dcs@youngdahl.net						PRESERVATIVES:		(1) HCL (2) HNO ₃	(3) = COLD (4) = NaOH	(5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₈	(7) =	INVOICE TO:			
RELINQUISHED BY (SIGN)		PRINT NAME / COMPANY		DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY							
		Allie Denny Youngdahl Consulting Group		9/29/25 12:31											
REC'D AT LAB BY:		DATE / TIME		CONDITIONS / COMMENTS:											
A.N		09/29/25 1230		10.7/10.5											
CARRIER BY		FED X <input type="checkbox"/>		UPS <input type="checkbox"/>		OTHER <input type="checkbox"/>		AIR BILL #							



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Page 2 of 5

REPORT TO:				CLIENT JOB NUMBER		ANALYSIS REQUESTED				GEOTRACKER:				
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1234 Glenhaven Court				DESTINATION LABORATORY						GLOBAL ID:				
El Dorado Hills, CA 95762				<input type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA 95742						CDPH WRITE ON EDT TRANSMISSION? <input type="checkbox"/> YES <input type="checkbox"/> NO				
PROJECT MANAGER: Nancy Malaret (916) 933-0633				<input type="checkbox"/> OTHER						STATE SYSTEM NUMBER				
PROJECT NAME: The Reserve Phase II ESA						IF "YES" PLEASE ENTER THE SOURCE NUMBER(S).				COMPOSITE:				
SAMPLED BY: ARD/NMM/TPG														
JOB DESCRIPTION: Soil Sampling														
SITE LOCATION: 5780 Rocklin Road, Loomis, CA														
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE					TURN AROUND TIME				
										SPECIAL INSTRUCTIONS				
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	10:14	S1					X	X	X					
	10:13	S2					X	X	X					
	10:19	S3					X	X	X					
	10:19	S3D					X	X	X					
	10:20	S4					X	X	X					
	9:11	B1Na					X	X						
	9:17	B1Nb					X							
	8:59	B1Ea					X	X						
	9:03	B1Eb					X							
	9:03	B1EbD					X							
	9:03	B1Sa					X	X						
	9:07	B1Sb					X							
Email/Address: nancy.m@youngdahl.net, dcs@youngdahl.net						PRESERVATIVES: (1) HCL (2) HNO ₃				(3) = COLD (4) = NaOH (5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₈ (7) =				
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☐ FED X

☐ UPS

☐ OTHER

AIR BILL #

HIGHLIGHTED AREAS MUST BE FILLED OUT PRIOR TO ACCEPTANCE

Good-Printed Mgr. Field Samples/Terms and conditions
Pink - Original Terms and Conditions
Yellow - With file copy/terms and conditions
White - Lab Terms and conditions



CHAIN OF CUSTODY

CLS ID No.: 2511400

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1234 Glenhaven Court				DESTINATION LABORATORY												GLOBAL ID:					
El Dorado Hills, CA 95762				<input type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742												CDPH WRITE ON EDT TRANSMISSION? <input type="checkbox"/> YES <input type="checkbox"/> NO					
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				10:11		B2Ea								X							
				10:22		B2Eb								X							
				9:58		B2Sa								X							
				10:16		B2Sb								X							
				10:16		B2SbD								X							
				9:44		B2Wa								X							
				9:46		B2Wb								X							
				10:35		B4Na								X							
				10:41		B4Ea								X							
Email/Address nancy.m@youngdahl.net, dcs@youngdahl.net												PRESERVATIVES:		(1) HCL (2) HNO ₃		(3) = COLD (4) = NaOH		(5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₈		(7) =	
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El Dorado Hills, CA 95762			<input type="checkbox"/> CLS (916) 638-7301								CDPH WRITE ON EDT TRANSMISSION? <input type="checkbox"/> YES <input type="checkbox"/> NO				
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Nancy Malaret			RANCHO CORDOVA, CA.								IF "YES" PLEASE ENTER THE SOURCE NUMBER(S).				
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(916) 933-0633															
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The Reserve Phase II ESA															
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ARD/NMM/TPG															
JOB DESCRIPTION															
Soil Sampling															
SITE LOCATION															
5780 Rocklin Road, Loomis, CA															
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE	PRESERVATIVES	OCPs (EPA 8081A)	Lead (EPA 6020)	Arseinc (EPA 6020)	PCBs (EPA 8082)	TURN AROUND TIME	SPECIAL INSTRUCTIONS			
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	10:38	B4WaD						X							
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	11:13	B3NaD					X								
							X								
	11:06	B3Ea					X								
	11:13	B3Eb					X								
	10:57	B3Sa					X								
	11:00	B3Sb					X								
	10:56	B3Wa					X								
	11:05	B3Wb					X								
Email/Address nancy.m@youngdahl.net, dcs@youngdahl.net						PRESERVATIVES:		(1) HCL (2) HNO ₃		(3) = COCL (4) = NaOH		(5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₈		(7) =	
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CHAIN OF CUSTODY

CLS ID No.: 2511400

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1234 Glenhaven Court			DESTINATION LABORATORY										GLOBAL ID:						
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Nancy Malaret			RANCHO CORDOVA, CA.										IF "YES" PLEASE ENTER THE SOURCE NUMBER(S).						
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ARD/NMM/TPG																			
JOB DESCRIPTION																			
Soil Sampling																			
SITE LOCATION																			
5780 Rocklin Road, Loomis, CA																			
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE	TPH as Diesel and Motor Oil (EPA 8015M)	PCBs (EPA 8082)	OCPs (EPA 8081A)	Asbestos (CARB 435)	VOCs, including TPH as gasoline, BTEX, and oxygenates (EPA 8260)	SVOCs (EPA 8270)	CAM 17 (EPA 6000/7000)	1 DAY	2 DAY	3 DAY	5 DAY	SPECIAL INSTRUCTIONS		
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	8:30	SP1D					X	X	X	X	X	X						ALT. ID:	
	8:31	SP2					X	X	X	X	X	X							
	8:34	SP3					X	X	X	X	X	X							
	8:36	SP4					X	X	X	X	X	X							
	8:38	SP5					X	X	X	X	X	X							
	8:41	SP6					X	X	X	X	X	X							
	8:46	SP7					X	X	X	X	X	X							
	8:49	SP8					X	X	X	X	X	X						INVOICE TO:	
Email/Address nancy.m@youngdahl.net, dcs@youngdahl.net						PRESERVATIVES:		(1) HCL (2) HNO ₃		(3) = COLD (4) = NaOH		(5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₈		(7) =					
RELINQUISHED BY (SIGN)		PRINT NAME / COMPANY		DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY											
		Youngdahl Consulting Group		9/29/25 12:31															
REC'D AT LAB BY:		A+U		DATE / TIME		09/29/25 1231		CONDITIONS / COMMENTS:		10-7/10-5									
SHIPPED BY:		<input type="checkbox"/> FED X		<input type="checkbox"/> UPS		<input type="checkbox"/> OTHER		AIR BILL #											



CALIFORNIA LABORATORY SERVICES

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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Antimony	ND	2.5	mg/kg	1	2508310	10/01/25	10/01/25	EPA 6010B	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	100	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	"	"	
Chromium	12	1.0	"	"	"	"	"	"	
Cobalt	6.1	1.0	"	"	"	"	"	"	
Copper	16	1.0	"	"	"	"	"	"	
Lead	5.6	2.5	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	2508240	09/30/25	10/01/25	EPA 7471A	
Molybdenum	ND	1.0	"	"	2508310	10/01/25	10/01/25	EPA 6010B	
Nickel	9.0	1.0	"	"	"	"	"	"	
Selenium	ND	2.5	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	10/02/25	"	
Thallium	ND	4.0	"	"	"	"	10/01/25	"	
Vanadium	28	1.0	"	"	"	"	"	"	
Zinc	33	1.0	"	"	"	"	"	"	

SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31

Antimony	ND	2.5	mg/kg	1	2508310	10/01/25	10/01/25	EPA 6010B	
Arsenic	1.0	1.0	"	"	"	"	"	"	
Barium	98	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	"	"	
Chromium	11	1.0	"	"	"	"	"	"	
Cobalt	5.9	1.0	"	"	"	"	"	"	
Copper	15	1.0	"	"	"	"	"	"	
Lead	5.3	2.5	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	2508240	09/30/25	10/01/25	EPA 7471A	
Molybdenum	ND	1.0	"	"	2508310	10/01/25	10/01/25	EPA 6010B	



CALIFORNIA LABORATORY SERVICES

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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Nickel	8.2	1.0	mg/kg	1	2508310	"	10/01/25	EPA 6010B	
Selenium	ND	2.5	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	10/02/25	"	
Thallium	ND	4.0	"	"	"	"	10/01/25	"	
Vanadium	26	1.0	"	"	"	"	"	"	
Zinc	30	1.0	"	"	"	"	"	"	
SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31									
Antimony	ND	2.5	mg/kg	1	2508310	10/01/25	10/02/25	EPA 6010B	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	320	1.0	"	"	"	"	10/01/25	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	"	"	
Chromium	11	1.0	"	"	"	"	"	"	
Cobalt	4.9	1.0	"	"	"	"	10/02/25	"	
Copper	13	1.0	"	"	"	"	10/01/25	"	
Lead	5.2	2.5	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	2508240	09/30/25	10/01/25	EPA 7471A	
Molybdenum	ND	1.0	"	"	2508310	10/01/25	10/01/25	EPA 6010B	
Nickel	7.5	1.0	"	"	"	"	"	"	
Selenium	ND	2.5	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	10/02/25	"	
Thallium	ND	4.0	"	"	"	"	10/01/25	"	
Vanadium	26	1.0	"	"	"	"	"	"	
Zinc	28	1.0	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SP3 (25I1400-54) Soil Sampled: 09/29/25 08:34 Received: 09/29/25 12:31

Antimony	ND	2.5	mg/kg	1	2508310	10/01/25	10/02/25	EPA 6010B	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	110	1.0	"	"	"	"	10/01/25	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	"	"	
Chromium	12	1.0	"	"	"	"	"	"	
Cobalt	5.8	1.0	"	"	"	"	10/02/25	"	
Copper	15	1.0	"	"	"	"	10/01/25	"	
Lead	7.4	2.5	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	2508240	09/30/25	10/01/25	EPA 7471A	
Molybdenum	ND	1.0	"	"	2508310	10/01/25	10/01/25	EPA 6010B	
Nickel	8.7	1.0	"	"	"	"	"	"	
Selenium	ND	2.5	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	10/02/25	"	
Thallium	ND	4.0	"	"	"	"	10/01/25	"	
Vanadium	28	1.0	"	"	"	"	"	"	
Zinc	34	1.0	"	"	"	"	"	"	

SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31

Antimony	ND	2.5	mg/kg	1	2508310	10/01/25	10/02/25	EPA 6010B	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	92	1.0	"	"	"	"	10/01/25	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	"	"	
Chromium	11	1.0	"	"	"	"	"	"	
Cobalt	5.0	1.0	"	"	"	"	10/02/25	"	
Copper	13	1.0	"	"	"	"	10/01/25	"	
Lead	5.0	2.5	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	2508240	09/30/25	10/01/25	EPA 7471A	
Molybdenum	ND	1.0	"	"	2508310	10/01/25	10/01/25	EPA 6010B	
Nickel	7.5	1.0	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31

Selenium	ND	2.5	mg/kg	1	2508310	"	10/01/25	EPA 6010B	
Silver	ND	1.0	"	"	"	"	10/02/25	"	
Thallium	ND	4.0	"	"	"	"	10/01/25	"	
Vanadium	25	1.0	"	"	"	"	"	"	
Zinc	29	1.0	"	"	"	"	"	"	

SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31

Antimony	ND	2.5	mg/kg	1	2508310	10/01/25	10/02/25	EPA 6010B	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	120	1.0	"	"	"	"	10/01/25	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	"	"	
Chromium	14	1.0	"	"	"	"	"	"	
Cobalt	5.9	1.0	"	"	"	"	10/02/25	"	
Copper	13	1.0	"	"	"	"	10/01/25	"	
Lead	5.8	2.5	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	2508240	09/30/25	10/01/25	EPA 7471A	
Molybdenum	ND	1.0	"	"	2508310	10/01/25	10/01/25	EPA 6010B	
Nickel	9.8	1.0	"	"	"	"	"	"	
Selenium	ND	2.5	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	10/02/25	"	
Thallium	ND	4.0	"	"	"	"	10/01/25	"	
Vanadium	29	1.0	"	"	"	"	"	"	
Zinc	33	1.0	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31

Antimony	ND	2.5	mg/kg	1	2508310	10/01/25	10/02/25	EPA 6010B	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	120	1.0	"	"	"	"	10/01/25	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	"	"	
Chromium	13	1.0	"	"	"	"	"	"	
Cobalt	5.9	1.0	"	"	"	"	10/02/25	"	
Copper	14	1.0	"	"	"	"	10/01/25	"	
Lead	5.5	2.5	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	2508240	09/30/25	10/01/25	EPA 7471A	
Molybdenum	ND	1.0	"	"	2508310	10/01/25	10/01/25	EPA 6010B	
Nickel	9.6	1.0	"	"	"	"	"	"	
Selenium	ND	2.5	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	10/02/25	"	
Thallium	ND	4.0	"	"	"	"	10/01/25	"	
Vanadium	28	1.0	"	"	"	"	"	"	
Zinc	34	1.0	"	"	"	"	"	"	

SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31

Antimony	ND	2.5	mg/kg	1	2508310	10/01/25	10/02/25	EPA 6010B	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	100	1.0	"	"	"	"	10/01/25	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	"	"	
Chromium	13	1.0	"	"	"	"	"	"	
Cobalt	5.8	1.0	"	"	"	"	10/02/25	"	
Copper	13	1.0	"	"	"	"	10/01/25	"	
Lead	5.5	2.5	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	2508240	09/30/25	10/01/25	EPA 7471A	
Molybdenum	ND	1.0	"	"	2508310	10/01/25	10/01/25	EPA 6010B	
Nickel	9.6	1.0	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31

Selenium	ND	2.5	mg/kg	1	2508310	"	10/01/25	EPA 6010B	
Silver	ND	1.0	"	"	"	"	10/02/25	"	
Thallium	ND	4.0	"	"	"	"	10/01/25	"	
Vanadium	28	1.0	"	"	"	"	"	"	
Zinc	34	1.0	"	"	"	"	"	"	

SP8 (25I1400-59) Soil Sampled: 09/29/25 08:49 Received: 09/29/25 12:31

Antimony	ND	2.5	mg/kg	1	2508310	10/01/25	10/02/25	EPA 6010B	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	110	1.0	"	"	"	"	10/01/25	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	"	"	
Chromium	12	1.0	"	"	"	"	"	"	
Cobalt	6.4	1.0	"	"	"	"	10/02/25	"	
Copper	16	1.0	"	"	"	"	10/01/25	"	
Lead	5.3	2.5	"	"	"	"	"	"	
Mercury	ND	0.10	"	"	2508240	09/30/25	10/01/25	EPA 7471A	
Molybdenum	ND	1.0	"	"	2508310	10/01/25	10/01/25	EPA 6010B	
Nickel	9.1	1.0	"	"	"	"	"	"	
Selenium	ND	2.5	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	10/02/25	"	
Thallium	ND	4.0	"	"	"	"	10/01/25	"	
Vanadium	27	1.0	"	"	"	"	"	"	
Zinc	35	1.0	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Diesel	1.6	1.0	mg/kg	1	2508295	10/01/25	10/02/25	EPA 8015M	
Motor Oil	7.6	1.0	"	"	"	"	"	"	TPH-X
Surrogate: o-Terphenyl		100 %	65-135		"	"	"	"	
SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Diesel	1.7	1.0	mg/kg	1	2508295	10/01/25	10/02/25	EPA 8015M	
Motor Oil	5.3	1.0	"	"	"	"	"	"	TPH-X
Surrogate: o-Terphenyl		101 %	65-135		"	"	"	"	
SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31									
Diesel	ND	1.0	mg/kg	1	2508295	10/01/25	10/02/25	EPA 8015M	
Motor Oil	5.8	1.0	"	"	"	"	"	"	TPH-X
Surrogate: o-Terphenyl		104 %	65-135		"	"	"	"	
SP3 (25I1400-54) Soil Sampled: 09/29/25 08:34 Received: 09/29/25 12:31									
Diesel	ND	1.0	mg/kg	1	2508295	10/01/25	10/02/25	EPA 8015M	
Motor Oil	5.9	1.0	"	"	"	"	"	"	TPH-X
Surrogate: o-Terphenyl		114 %	65-135		"	"	"	"	
SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31									
Diesel	ND	1.0	mg/kg	1	2508295	10/01/25	10/02/25	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
Surrogate: o-Terphenyl		89 %	65-135		"	"	"	"	
SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31									
Diesel	ND	1.0	mg/kg	1	2508295	10/01/25	10/02/25	EPA 8015M	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31									
Motor Oil	ND	1.0	mg/kg	1	2508295	"	10/02/25	EPA 8015M	
Surrogate: o-Terphenyl		89 %	65-135		"	"	"	"	
SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31									
Diesel	ND	1.0	mg/kg	1	2508295	10/01/25	10/02/25	EPA 8015M	
Motor Oil	2.8	1.0	"	"	"	"	"	"	TPH-X
Surrogate: o-Terphenyl		98 %	65-135		"	"	"	"	
SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31									
Diesel	1.5	1.0	mg/kg	1	2508295	10/01/25	10/02/25	EPA 8015M	
Motor Oil	2.2	1.0	"	"	"	"	"	"	TPH-X
Surrogate: o-Terphenyl		93 %	65-135		"	"	"	"	
SP8 (25I1400-59) Soil Sampled: 09/29/25 08:49 Received: 09/29/25 12:31									
Diesel	ND	1.0	mg/kg	1	2508295	10/01/25	10/02/25	EPA 8015M	
Motor Oil	3.1	1.0	"	"	"	"	"	"	TPH-X
Surrogate: o-Terphenyl		100 %	65-135		"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ADL1 (25I1400-01) Soil Sampled: 09/29/25 09:15 Received: 09/29/25 12:31									
Lead	7.0	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
ADL2 (25I1400-02) Soil Sampled: 09/29/25 09:07 Received: 09/29/25 12:31									
Lead	13	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
ADL3 (25I1400-03) Soil Sampled: 09/29/25 09:26 Received: 09/29/25 12:31									
Lead	14	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
ADL4 (25I1400-04) Soil Sampled: 09/29/25 09:29 Received: 09/29/25 12:31									
Lead	24	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
ADL4D (25I1400-05) Soil Sampled: 09/29/25 09:29 Received: 09/29/25 12:31									
Lead	30	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
ADL5 (25I1400-06) Soil Sampled: 09/29/25 09:17 Received: 09/29/25 12:31									
Lead	23	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
ADL6 (25I1400-07) Soil Sampled: 09/29/25 09:09 Received: 09/29/25 12:31									
Lead	33	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
ADL7 (25I1400-08) Soil Sampled: 09/29/25 09:34 Received: 09/29/25 12:31									
Lead	16	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
ADL8 (25I1400-09) Soil Sampled: 09/29/25 09:36 Received: 09/29/25 12:31									
Lead	57	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1 (25I1400-15) Soil Sampled: 09/29/25 10:14 Received: 09/29/25 12:31									
Arsenic	ND	2.0	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
Lead	11	2.5	"	"	"	"	10/02/25	"	
S2 (25I1400-16) Soil Sampled: 09/29/25 10:13 Received: 09/29/25 12:31									
Arsenic	ND	2.0	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
Lead	8.1	2.5	"	"	"	"	10/02/25	"	
S3 (25I1400-17) Soil Sampled: 09/29/25 10:19 Received: 09/29/25 12:31									
Arsenic	ND	2.0	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
Lead	16	2.5	"	"	"	"	10/02/25	"	
S3D (25I1400-18) Soil Sampled: 09/29/25 10:19 Received: 09/29/25 12:31									
Arsenic	ND	2.0	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
Lead	16	2.5	"	"	"	"	10/02/25	"	
S4 (25I1400-19) Soil Sampled: 09/29/25 10:20 Received: 09/29/25 12:31									
Arsenic	ND	2.0	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
Lead	17	2.5	"	"	"	"	10/02/25	"	
B1Na (25I1400-20) Soil Sampled: 09/29/25 09:11 Received: 09/29/25 12:31									
Lead	10	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
B1Ea (25I1400-22) Soil Sampled: 09/29/25 08:59 Received: 09/29/25 12:31									
Lead	9.6	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	



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El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1Sa (25I1400-25) Soil Sampled: 09/29/25 09:03 Received: 09/29/25 12:31									
Lead	8.4	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
B1Wa (25I1400-27) Soil Sampled: 09/29/25 09:16 Received: 09/29/25 12:31									
Lead	8.5	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
B2Na (25I1400-29) Soil Sampled: 09/29/25 09:38 Received: 09/29/25 12:31									
Lead	6.8	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
B2Ea (25I1400-31) Soil Sampled: 09/29/25 10:11 Received: 09/29/25 12:31									
Lead	3.4	2.5	mg/kg	10	2508277	10/01/25	10/02/25	EPA 6020	
B2Sa (25I1400-33) Soil Sampled: 09/29/25 09:58 Received: 09/29/25 12:31									
Lead	15	2.5	mg/kg	10	2508276	10/01/25	10/02/25	EPA 6020	
B2Wa (25I1400-36) Soil Sampled: 09/29/25 09:44 Received: 09/29/25 12:31									
Lead	11	2.5	mg/kg	10	2508276	10/01/25	10/02/25	EPA 6020	
B4Na (25I1400-38) Soil Sampled: 09/29/25 10:35 Received: 09/29/25 12:31									
Lead	31	2.5	mg/kg	10	2508276	10/01/25	10/02/25	EPA 6020	
B4Ea (25I1400-39) Soil Sampled: 09/29/25 10:41 Received: 09/29/25 12:31									
Lead	15	2.5	mg/kg	10	2508276	10/01/25	10/02/25	EPA 6020	
B4Sa (25I1400-40) Soil Sampled: 09/29/25 10:43 Received: 09/29/25 12:31									
Lead	17	2.5	mg/kg	10	2508276	10/01/25	10/02/25	EPA 6020	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4Wa (25I1400-41) Soil Sampled: 09/29/25 10:38 Received: 09/29/25 12:31									
Lead	15	2.5	mg/kg	10	2508276	10/01/25	10/02/25	EPA 6020	
B4WaD (25I1400-42) Soil Sampled: 09/29/25 10:38 Received: 09/29/25 12:31									
Lead	13	2.5	mg/kg	10	2508276	10/01/25	10/02/25	EPA 6020	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S1 (25I1400-15) Soil Sampled: 09/29/25 10:14 Received: 09/29/25 12:31									
QRL-8									
4,4'-DDD	ND	17	µg/kg	5	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	34	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

68 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

76 %

46-139

"

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"

"

S2 (25I1400-16) Soil Sampled: 09/29/25 10:13 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	7.3	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S2 (25I1400-16) Soil Sampled: 09/29/25 10:13 Received: 09/29/25 12:31									
Chlordane-technical	ND	3.3	µg/kg	1	2508269	"	10/02/25	EPA 8081A	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

75 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

69 %

46-139

"

"

"

"

S3 (25I1400-17) Soil Sampled: 09/29/25 10:19 Received: 09/29/25 12:31

QRL-8

4,4'-DDD	ND	17	µg/kg	5	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	180	66	"	20	"	"	"	"	
4,4'-DDT	36	17	"	5	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S3 (25I1400-17) Soil Sampled: 09/29/25 10:19 Received: 09/29/25 12:31									
QRL-8									
Endrin	ND	17	µg/kg	5	2508269	"	10/02/25	EPA 8081A	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

75 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

68 %

46-139

"

"

"

"

S3D (25I1400-18) Soil Sampled: 09/29/25 10:19 Received: 09/29/25 12:31

QRL-8

4,4'-DDD	ND	17	µg/kg	5	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	99	17	"	"	"	"	"	"	
4,4'-DDT	21	17	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	



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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S3D (25I1400-18) Soil Sampled: 09/29/25 10:19 Received: 09/29/25 12:31 QRL-8									
Mirex	ND	17	µg/kg	5	2508269	"	10/02/25	EPA 8081A	
Toxaphene	ND	100	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		69 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		71 %	46-139		"	"	"	"	
S4 (25I1400-19) Soil Sampled: 09/29/25 10:20 Received: 09/29/25 12:31 QRL-8									
4,4'-DDD	ND	17	µg/kg	5	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	60	17	"	"	"	"	"	"	
4,4'-DDT	17	17	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		59 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		59 %	46-139		"	"	"	"	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1Na (25I1400-20) Soil Sampled: 09/29/25 09:11 Received: 09/29/25 12:31									
4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

71 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

58 %

46-139

"

"

"

"

B1Nb (25I1400-21) Soil Sampled: 09/29/25 09:17 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	



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El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1Nb (25I1400-21) Soil Sampled: 09/29/25 09:17 Received: 09/29/25 12:31									
Chlordane-technical	ND	3.3	µg/kg	1	2508269	"	10/02/25	EPA 8081A	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

86 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

79 %

46-139

"

"

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"

B1Ea (25I1400-22) Soil Sampled: 09/29/25 08:59 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1Ea (25I1400-22) Soil Sampled: 09/29/25 08:59 Received: 09/29/25 12:31									
Endrin	ND	3.3	µg/kg	1	2508269	"	10/02/25	EPA 8081A	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

82 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

76 %

46-139

"

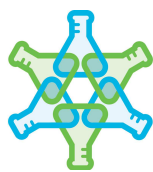
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B1Eb (25I1400-23) Soil Sampled: 09/29/25 09:03 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1Eb (25I1400-23) Soil Sampled: 09/29/25 09:03 Received: 09/29/25 12:31									
Mirex	ND	3.3	µg/kg	1	2508269	"	10/02/25	EPA 8081A	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		76 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		68 %	46-139		"	"	"	"	
B1EbD (25I1400-24) Soil Sampled: 09/29/25 09:03 Received: 09/29/25 12:31									
4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

78 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

67 %

46-139

"

"

"

"



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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1Sa (25I1400-25) Soil Sampled: 09/29/25 09:03 Received: 09/29/25 12:31									
4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

71 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

56 %

46-139

"

"

"

"

B1Sb (25I1400-26) Soil Sampled: 09/29/25 09:07 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	



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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1Sb (25I1400-26) Soil Sampled: 09/29/25 09:07 Received: 09/29/25 12:31									
Chlordane-technical	ND	3.3	µg/kg	1	2508269	"	10/02/25	EPA 8081A	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

75 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

68 %

46-139

"

"

"

"

B1Wa (25I1400-27) Soil Sampled: 09/29/25 09:16 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1Wa (25I1400-27) Soil Sampled: 09/29/25 09:16 Received: 09/29/25 12:31									
Endrin	ND	3.3	µg/kg	1	2508269	"	10/02/25	EPA 8081A	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

74 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

63 %

46-139

"

"

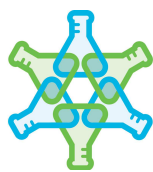
"

"

B1Wb (25I1400-28) Soil

 Sampled: 09/29/25 09:19 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B1Wb (25I1400-28) Soil Sampled: 09/29/25 09:19 Received: 09/29/25 12:31									
Mirex	ND	3.3	µg/kg	1	2508269	"	10/02/25	EPA 8081A	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		92 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		89 %	46-139		"	"	"	"	
B2Na (25I1400-29) Soil Sampled: 09/29/25 09:38 Received: 09/29/25 12:31									
4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		85 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		85 %	46-139		"	"	"	"	



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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B2Nb (25I1400-30) Soil Sampled: 09/29/25 09:47 Received: 09/29/25 12:31									
4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

82 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

71 %

46-139

"

"

"

"

B2Ea (25I1400-31) Soil Sampled: 09/29/25 10:11 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	



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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B2Ea (25I1400-31) Soil Sampled: 09/29/25 10:11 Received: 09/29/25 12:31									
Chlordane-technical	ND	3.3	µg/kg	1	2508269	"	10/02/25	EPA 8081A	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

99 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

87 %

46-139

"

"

"

"

B2Eb (25I1400-32) Soil Sampled: 09/29/25 10:22 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	



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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B2Eb (25I1400-32) Soil Sampled: 09/29/25 10:22 Received: 09/29/25 12:31									
Endrin	ND	3.3	µg/kg	1	2508269	"	10/02/25	EPA 8081A	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

84 %

52-141

"

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Surrogate: Tetrachloro-meta-xylene

74 %

46-139

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B2Sa (25I1400-33) Soil Sampled: 09/29/25 09:58 Received: 09/29/25 12:31

QRL-8

4,4'-DDD	ND	17	µg/kg	5	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	230	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B2Sa (25I1400-33) Soil Sampled: 09/29/25 09:58 Received: 09/29/25 12:31 QRL-8									
Mirex	ND	17	µg/kg	5	2508269	"	10/02/25	EPA 8081A	
Toxaphene	ND	100	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		77 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		72 %	46-139		"	"	"	"	
B2Sb (25I1400-34) Soil Sampled: 09/29/25 10:16 Received: 09/29/25 12:31									
4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	14	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		88 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		79 %	46-139		"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B2SbD (25I1400-35) Soil Sampled: 09/29/25 10:16 Received: 09/29/25 12:31									
4,4'-DDD	ND	3.3	µg/kg	1	2508269	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

77 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

65 %

46-139

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B2Wa (25I1400-36) Soil Sampled: 09/29/25 09:44 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	



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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B2Wa (25I1400-36) Soil Sampled: 09/29/25 09:44 Received: 09/29/25 12:31									
Chlordane-technical	22	3.3	µg/kg	1	2508270	"	10/02/25	EPA 8081A	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

80 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

78 %

46-139

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B2Wb (25I1400-37) Soil

 Sampled: 09/29/25 09:46 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	18	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	



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El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B2Wb (25I1400-37) Soil Sampled: 09/29/25 09:46 Received: 09/29/25 12:31									
Endrin	ND	3.3	µg/kg	1	2508270	"	10/02/25	EPA 8081A	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

66 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

64 %

46-139

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"

B3Na (25I1400-43) Soil Sampled: 09/29/25 11:13 Received: 09/29/25 12:31

QRL-8

4,4'-DDD	ND	17	µg/kg	5	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B3Na (25I1400-43) Soil Sampled: 09/29/25 11:13 Received: 09/29/25 12:31 QRL-8									
Mirex	ND	17	µg/kg	5	2508270	"	10/02/25	EPA 8081A	
Toxaphene	ND	100	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		100 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		72 %	46-139		"	"	"	"	
B3NaD (25I1400-44) Soil Sampled: 09/29/25 11:13 Received: 09/29/25 12:31 QRL-8									
4,4'-DDD	ND	17	µg/kg	5	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		94 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		86 %	46-139		"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B3Ea (25I1400-45) Soil Sampled: 09/29/25 11:06 Received: 09/29/25 12:31									
4,4'-DDD	ND	17	µg/kg	5	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

87 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

82 %

46-139

"

"

"

"

B3Eb (25I1400-46) Soil Sampled: 09/29/25 11:13 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B3Eb (25I1400-46) Soil Sampled: 09/29/25 11:13 Received: 09/29/25 12:31									
Chlordane-technical	ND	3.3	µg/kg	1	2508270	"	10/02/25	EPA 8081A	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

82 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

81 %

46-139

"

"

"

"

B3Sa (25I1400-47) Soil

 Sampled: 09/29/25 10:57 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	19	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	



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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B3Sa (25I1400-47) Soil Sampled: 09/29/25 10:57 Received: 09/29/25 12:31									
Endrin	ND	3.3	µg/kg	1	2508270	"	10/02/25	EPA 8081A	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

71 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

72 %

46-139

"

"

"

"

B3Sb (25I1400-48) Soil

Sampled: 09/29/25 11:00 **Received: 09/29/25 12:31**

4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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B3Sb (25I1400-48) Soil Sampled: 09/29/25 11:00 Received: 09/29/25 12:31

Mirex	ND	3.3	µg/kg	1	2508270	"	10/02/25	EPA 8081A	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl		81 %	52-141	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		85 %	46-139	"	"	"	"	"	

B3Wa (25I1400-49) Soil Sampled: 09/29/25 10:56 Received: 09/29/25 12:31

QRL-8

4,4'-DDD	ND	17	µg/kg	5	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl		79 %	52-141	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		91 %	46-139	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B3Wb (25I1400-50) Soil Sampled: 09/29/25 11:05 Received: 09/29/25 12:31									QRL-8
4,4'-DDD	ND	17	µg/kg	5	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

81 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

78 %

46-139

"

"

"

"

SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Chlordane-technical	ND	3.3	µg/kg	1	2508270	"	10/02/25	EPA 8081A	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

68 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

71 %

46-139

"

"

"

"

SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Endrin	ND	3.3	µg/kg	1	2508270	"	10/02/25	EPA 8081A	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

76 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

73 %

46-139

"

"

"

"

SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31									
Mirex	ND	3.3	µg/kg	1	2508270	"	10/02/25	EPA 8081A	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		124 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		79 %	46-139		"	"	"	"	
SP3 (25I1400-54) Soil Sampled: 09/29/25 08:34 Received: 09/29/25 12:31									
4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		80 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		77 %	46-139		"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31									
4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

88 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

86 %

46-139

"

"

"

"

SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	



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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31									
Chlordane-technical	ND	3.3	µg/kg	1	2508270	"	10/02/25	EPA 8081A	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

81 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

83 %

46-139

"

"

"

"

SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	



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El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31									
Endrin	ND	3.3	µg/kg	1	2508270	"	10/02/25	EPA 8081A	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

86 %

52-141

"

"

"

"

Surrogate: Tetrachloro-meta-xylene

85 %

46-139

"

"

"

"

SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31

4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31									
Mirex	ND	3.3	µg/kg	1	2508270	"	10/02/25	EPA 8081A	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		90 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		95 %	46-139		"	"	"	"	
SP8 (25I1400-59) Soil Sampled: 09/29/25 08:49 Received: 09/29/25 12:31									
4,4'-DDD	ND	3.3	µg/kg	1	2508270	10/01/25	10/02/25	EPA 8081A	
4,4'-DDE	ND	3.3	"	"	"	"	"	"	
4,4'-DDT	ND	3.3	"	"	"	"	"	"	
Aldrin	ND	1.0	"	"	"	"	"	"	
alpha-BHC	ND	1.7	"	"	"	"	"	"	
beta-BHC	ND	1.7	"	"	"	"	"	"	
Chlordane-technical	ND	3.3	"	"	"	"	"	"	
delta-BHC	ND	1.7	"	"	"	"	"	"	
Dieldrin	ND	1.0	"	"	"	"	"	"	
Endosulfan I	ND	1.7	"	"	"	"	"	"	
Endosulfan II	ND	3.3	"	"	"	"	"	"	
Endosulfan sulfate	ND	3.3	"	"	"	"	"	"	
Endrin	ND	3.3	"	"	"	"	"	"	
Endrin aldehyde	ND	3.3	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1.7	"	"	"	"	"	"	
Heptachlor	ND	1.7	"	"	"	"	"	"	
Heptachlor epoxide	ND	1.7	"	"	"	"	"	"	
Methoxychlor	ND	17	"	"	"	"	"	"	
Mirex	ND	3.3	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		81 %	52-141		"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		84 %	46-139		"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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PMT1 (25I1400-10) Soil Sampled: 09/29/25 09:54 Received: 09/29/25 12:31

Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	
Aroclor 1268	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl 105 % 50-150 " " " "

PMT1D (25I1400-11) Soil Sampled: 09/29/25 09:54 Received: 09/29/25 12:31

Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	
Aroclor 1268	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl 147 % 50-150 " " " "

PMT2 (25I1400-12) Soil Sampled: 09/29/25 10:00 Received: 09/29/25 12:31

Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PMT2 (25I1400-12) Soil Sampled: 09/29/25 10:00 Received: 09/29/25 12:31									
Aroclor 1268	ND	20	µg/kg	1	2508260	"	10/03/25	EPA 8082	
Surrogate: Decachlorobiphenyl		146 %	50-150		"	"	"	"	
PMT3 (25I1400-13) Soil Sampled: 09/29/25 10:02 Received: 09/29/25 12:31									
Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	
Aroclor 1268	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		31 %	50-150		"	"	"	"	QS-4
PMT4 (25I1400-14) Soil Sampled: 09/29/25 09:56 Received: 09/29/25 12:31									
Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	
Aroclor 1268	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		51 %	50-150		"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31

Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	
Aroclor 1268	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl 53 % 50-150 " " " "

SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31

Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	
Aroclor 1268	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl 59 % 50-150 " " " "

SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31

Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31									
Aroclor 1268	ND	20	µg/kg	1	2508260	"	10/03/25	EPA 8082	
Surrogate: Decachlorobiphenyl		56 %	50-150		"	"	"	"	
SP3 (25I1400-54) Soil Sampled: 09/29/25 08:34 Received: 09/29/25 12:31									
Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	
Aroclor 1268	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		65 %	50-150		"	"	"	"	
SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31									
Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	
Aroclor 1268	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		66 %	50-150		"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31

Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	
Aroclor 1268	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl 60 % 50-150 " " " "

SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31

Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	
Aroclor 1268	ND	20	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl 62 % 50-150 " " " "

SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31

Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31									
Aroclor 1268	ND	20	µg/kg	1	2508260	"	10/03/25	EPA 8082	
Surrogate: Decachlorobiphenyl		61 %	50-150		"	"	"	"	
SP8 (25I1400-59) Soil Sampled: 09/29/25 08:49 Received: 09/29/25 12:31									
Aroclor 1016	ND	20	µg/kg	1	2508260	10/01/25	10/03/25	EPA 8082	
Aroclor 1221	ND	20	"	"	"	"	"	"	
Aroclor 1232	ND	20	"	"	"	"	"	"	
Aroclor 1242	ND	20	"	"	"	"	"	"	
Aroclor 1248	ND	20	"	"	"	"	"	"	
Aroclor 1254	ND	20	"	"	"	"	"	"	
Aroclor 1260	ND	20	"	"	"	"	"	"	
Aroclor 1268	ND	20	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		59 %	50-150		"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
1,2,4-Trichlorobenzene	ND	330	µg/kg	1	2508262	09/30/25	10/02/25	EPA 8270C	
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	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	830	"	"	"	"	"	"	
2,4-Dinitrotoluene (2,4-DNT)	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene (2,6-DNT)	ND	330	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	830	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	670	"	"	"	"	"	"	
3-Nitroaniline	ND	830	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	830	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Nitroaniline	ND	830	"	"	"	"	"	"	
4-Nitrophenol	ND	830	"	"	"	"	"	"	
Acenaphthene	ND	330	"	"	"	"	"	"	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Benzo (a) pyrene	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
Benzo (b) fluoranthene	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	330	"	"	"	"	"	"	
Benzoic acid	ND	830	"	"	"	"	"	"	
Benzyl alcohol	ND	330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	
Fluorene	ND	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
Nitrobenzene (NB)	ND	330	"	"	"	"	"	"	
N-methyl-2-pyrrolidone	ND	330	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
N-Nitrosodi-n-propylamine	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	830	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
Pyridine	ND	670	"	"	"	"	"	"	

Surrogate: 2,4,6-Tribromophenol	40 %	19-122	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	46 %	30-115	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol	46 %	25-121	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	53 %	23-120	"	"	"	"	"	"	
Surrogate: Phenol-d6	48 %	10-110	"	"	"	"	"	"	
Surrogate: Terphenyl-d14	47 %	18-137	"	"	"	"	"	"	

SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31

1,2,4-Trichlorobenzene	ND	330	µg/kg	1	2508262	09/30/25	10/02/25	EPA 8270C	
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	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	830	"	"	"	"	"	"	
2,4-Dinitrotoluene (2,4-DNT)	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene (2,6-DNT)	ND	330	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	830	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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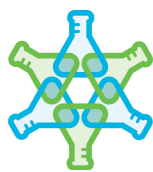
Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
2-Nitrophenol	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
3 & 4-Methylphenol	ND	330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	670	"	"	"	"	"	"	
3-Nitroaniline	ND	830	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	830	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Nitroaniline	ND	830	"	"	"	"	"	"	
4-Nitrophenol	ND	830	"	"	"	"	"	"	
Acenaphthene	ND	330	"	"	"	"	"	"	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	330	"	"	"	"	"	"	
Benzoic acid	ND	830	"	"	"	"	"	"	
Benzyl alcohol	ND	330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Dimethyl phthalate	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	
Fluorene	ND	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
Nitrobenzene (NB)	ND	330	"	"	"	"	"	"	
N-methyl-2-pyrrolidone	ND	330	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	830	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
Pyridine	ND	670	"	"	"	"	"	"	

Surrogate: 2,4,6-Tribromophenol	38 %	19-122	"	"	"	"
Surrogate: 2-Fluorobiphenyl	42 %	30-115	"	"	"	"
Surrogate: 2-Fluorophenol	42 %	25-121	"	"	"	"
Surrogate: Nitrobenzene-d5	49 %	23-120	"	"	"	"
Surrogate: Phenol-d6	44 %	10-110	"	"	"	"
Surrogate: Terphenyl-d14	44 %	18-137	"	"	"	"



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31									
1,2,4-Trichlorobenzene	ND	330	µg/kg	1	2508262	09/30/25	10/02/25	EPA 8270C	
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	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	830	"	"	"	"	"	"	
2,4-Dinitrotoluene (2,4-DNT)	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene (2,6-DNT)	ND	330	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	830	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	670	"	"	"	"	"	"	
3-Nitroaniline	ND	830	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	830	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Nitroaniline	ND	830	"	"	"	"	"	"	
4-Nitrophenol	ND	830	"	"	"	"	"	"	
Acenaphthene	ND	330	"	"	"	"	"	"	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31									
Benzo (a) pyrene	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
Benzo (b) fluoranthene	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	330	"	"	"	"	"	"	
Benzoic acid	ND	830	"	"	"	"	"	"	
Benzyl alcohol	ND	330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	
Fluorene	ND	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
Nitrobenzene (NB)	ND	330	"	"	"	"	"	"	
N-methyl-2-pyrrolidone	ND	330	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31									
N-Nitrosodi-n-propylamine	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	830	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
Pyridine	ND	670	"	"	"	"	"	"	

Surrogate: 2,4,6-Tribromophenol	39 %	19-122	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	43 %	30-115	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol	42 %	25-121	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	49 %	23-120	"	"	"	"	"	"	
Surrogate: Phenol-d6	44 %	10-110	"	"	"	"	"	"	
Surrogate: Terphenyl-d14	46 %	18-137	"	"	"	"	"	"	

SP3 (25I1400-54) Soil Sampled: 09/29/25 08:34 Received: 09/29/25 12:31

1,2,4-Trichlorobenzene	ND	330	µg/kg	1	2508262	09/30/25	10/02/25	EPA 8270C	
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	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	830	"	"	"	"	"	"	
2,4-Dinitrotoluene (2,4-DNT)	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene (2,6-DNT)	ND	330	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	830	"	"	"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP3 (25I1400-54) Soil Sampled: 09/29/25 08:34 Received: 09/29/25 12:31									
2-Nitrophenol	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
3 & 4-Methylphenol	ND	330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	670	"	"	"	"	"	"	
3-Nitroaniline	ND	830	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	830	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Nitroaniline	ND	830	"	"	"	"	"	"	
4-Nitrophenol	ND	830	"	"	"	"	"	"	
Acenaphthene	ND	330	"	"	"	"	"	"	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	330	"	"	"	"	"	"	
Benzoic acid	ND	830	"	"	"	"	"	"	
Benzyl alcohol	ND	330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP3 (25I1400-54) Soil Sampled: 09/29/25 08:34 Received: 09/29/25 12:31									
Dimethyl phthalate	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	
Fluorene	ND	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
Nitrobenzene (NB)	ND	330	"	"	"	"	"	"	
N-methyl-2-pyrrolidone	ND	330	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	830	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
Pyridine	ND	670	"	"	"	"	"	"	

Surrogate: 2,4,6-Tribromophenol	43 %	19-122	"	"	"	"
Surrogate: 2-Fluorobiphenyl	48 %	30-115	"	"	"	"
Surrogate: 2-Fluorophenol	48 %	25-121	"	"	"	"
Surrogate: Nitrobenzene-d5	56 %	23-120	"	"	"	"
Surrogate: Phenol-d6	50 %	10-110	"	"	"	"
Surrogate: Terphenyl-d14	50 %	18-137	"	"	"	"



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31									
1,2,4-Trichlorobenzene	ND	330	µg/kg	1	2508262	09/30/25	10/02/25	EPA 8270C	
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	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	830	"	"	"	"	"	"	
2,4-Dinitrotoluene (2,4-DNT)	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene (2,6-DNT)	ND	330	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	830	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	670	"	"	"	"	"	"	
3-Nitroaniline	ND	830	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	830	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Nitroaniline	ND	830	"	"	"	"	"	"	
4-Nitrophenol	ND	830	"	"	"	"	"	"	
Acenaphthene	ND	330	"	"	"	"	"	"	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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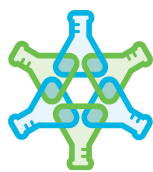
Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31									
Benzo (a) pyrene	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
Benzo (b) fluoranthene	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	330	"	"	"	"	"	"	
Benzoic acid	ND	830	"	"	"	"	"	"	
Benzyl alcohol	ND	330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	
Fluorene	ND	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
Nitrobenzene (NB)	ND	330	"	"	"	"	"	"	
N-methyl-2-pyrrolidone	ND	330	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31									
N-Nitrosodi-n-propylamine	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	830	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
Pyridine	ND	670	"	"	"	"	"	"	

Surrogate: 2,4,6-Tribromophenol	30 %	19-122	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	35 %	30-115	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol	35 %	25-121	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	40 %	23-120	"	"	"	"	"	"	
Surrogate: Phenol-d6	36 %	10-110	"	"	"	"	"	"	
Surrogate: Terphenyl-d14	35 %	18-137	"	"	"	"	"	"	

SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31

1,2,4-Trichlorobenzene	ND	330	µg/kg	1	2508262	09/30/25	10/02/25	EPA 8270C	
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	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	830	"	"	"	"	"	"	
2,4-Dinitrotoluene (2,4-DNT)	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene (2,6-DNT)	ND	330	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	830	"	"	"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31									
2-Nitrophenol	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
3 & 4-Methylphenol	ND	330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	670	"	"	"	"	"	"	
3-Nitroaniline	ND	830	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	830	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Nitroaniline	ND	830	"	"	"	"	"	"	
4-Nitrophenol	ND	830	"	"	"	"	"	"	
Acenaphthene	ND	330	"	"	"	"	"	"	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	330	"	"	"	"	"	"	
Benzoic acid	ND	830	"	"	"	"	"	"	
Benzyl alcohol	ND	330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31									
Dimethyl phthalate	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	
Fluorene	ND	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
Nitrobenzene (NB)	ND	330	"	"	"	"	"	"	
N-methyl-2-pyrrolidone	ND	330	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	830	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
Pyridine	ND	670	"	"	"	"	"	"	

Surrogate: 2,4,6-Tribromophenol	37 %	19-122	"	"	"	"
Surrogate: 2-Fluorobiphenyl	44 %	30-115	"	"	"	"
Surrogate: 2-Fluorophenol	44 %	25-121	"	"	"	"
Surrogate: Nitrobenzene-d5	51 %	23-120	"	"	"	"
Surrogate: Phenol-d6	45 %	10-110	"	"	"	"
Surrogate: Terphenyl-d14	47 %	18-137	"	"	"	"



CALIFORNIA LABORATORY SERVICES

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El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31									
1,2,4-Trichlorobenzene	ND	330	µg/kg	1	2508262	09/30/25	10/02/25	EPA 8270C	
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	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	830	"	"	"	"	"	"	
2,4-Dinitrotoluene (2,4-DNT)	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene (2,6-DNT)	ND	330	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	830	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	670	"	"	"	"	"	"	
3-Nitroaniline	ND	830	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	830	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Nitroaniline	ND	830	"	"	"	"	"	"	
4-Nitrophenol	ND	830	"	"	"	"	"	"	
Acenaphthene	ND	330	"	"	"	"	"	"	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	



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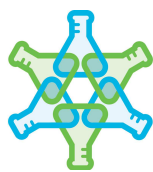
Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31									
Benzo (a) pyrene	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
Benzo (b) fluoranthene	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	330	"	"	"	"	"	"	
Benzoic acid	ND	830	"	"	"	"	"	"	
Benzyl alcohol	ND	330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	
Fluorene	ND	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
Nitrobenzene (NB)	ND	330	"	"	"	"	"	"	
N-methyl-2-pyrrolidone	ND	330	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31									
N-Nitrosodi-n-propylamine	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	830	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
Pyridine	ND	670	"	"	"	"	"	"	

Surrogate: 2,4,6-Tribromophenol	37 %	19-122	"	"	"	"	"	"
Surrogate: 2-Fluorobiphenyl	42 %	30-115	"	"	"	"	"	"
Surrogate: 2-Fluorophenol	42 %	25-121	"	"	"	"	"	"
Surrogate: Nitrobenzene-d5	49 %	23-120	"	"	"	"	"	"
Surrogate: Phenol-d6	44 %	10-110	"	"	"	"	"	"
Surrogate: Terphenyl-d14	45 %	18-137	"	"	"	"	"	"

SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31

1,2,4-Trichlorobenzene	ND	330	µg/kg	1	2508262	09/30/25	10/02/25	EPA 8270C
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	330	"	"	"	"	"	"
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"
2,4-Dinitrophenol	ND	830	"	"	"	"	"	"
2,4-Dinitrotoluene (2,4-DNT)	ND	330	"	"	"	"	"	"
2,6-Dinitrotoluene (2,6-DNT)	ND	330	"	"	"	"	"	"
2-Chloronaphthalene	ND	330	"	"	"	"	"	"
2-Chlorophenol	ND	330	"	"	"	"	"	"
2-Methylnaphthalene	ND	330	"	"	"	"	"	"
2-Nitroaniline	ND	830	"	"	"	"	"	"



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31									
2-Nitrophenol	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
3 & 4-Methylphenol	ND	330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	670	"	"	"	"	"	"	
3-Nitroaniline	ND	830	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	830	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Nitroaniline	ND	830	"	"	"	"	"	"	
4-Nitrophenol	ND	830	"	"	"	"	"	"	
Acenaphthene	ND	330	"	"	"	"	"	"	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	330	"	"	"	"	"	"	
Benzoic acid	ND	830	"	"	"	"	"	"	
Benzyl alcohol	ND	330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31									
Dimethyl phthalate	ND	330	µg/kg	1	2508262	"	10/02/25	EPA 8270C	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	
Fluorene	ND	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
Nitrobenzene (NB)	ND	330	"	"	"	"	"	"	
N-methyl-2-pyrrolidone	ND	330	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	830	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
Pyridine	ND	670	"	"	"	"	"	"	

Surrogate: 2,4,6-Tribromophenol	37 %	19-122	"	"	"	"
Surrogate: 2-Fluorobiphenyl	42 %	30-115	"	"	"	"
Surrogate: 2-Fluorophenol	42 %	25-121	"	"	"	"
Surrogate: Nitrobenzene-d5	49 %	23-120	"	"	"	"
Surrogate: Phenol-d6	43 %	10-110	"	"	"	"
Surrogate: Terphenyl-d14	42 %	18-137	"	"	"	"



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP8 (25I1400-59) Soil Sampled: 09/29/25 08:49 Received: 09/29/25 12:31									
1,2,4-Trichlorobenzene	ND	330	µg/kg	1	2508262	09/30/25	10/03/25	EPA 8270C	
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	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	330	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	830	"	"	"	"	"	"	
2,4-Dinitrotoluene (2,4-DNT)	ND	330	"	"	"	"	"	"	
2,6-Dinitrotoluene (2,6-DNT)	ND	330	"	"	"	"	"	"	
2-Chloronaphthalene	ND	330	"	"	"	"	"	"	
2-Chlorophenol	ND	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	330	"	"	"	"	"	"	
2-Nitroaniline	ND	830	"	"	"	"	"	"	
2-Nitrophenol	ND	330	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	330	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	670	"	"	"	"	"	"	
3-Nitroaniline	ND	830	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	830	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	330	"	"	"	"	"	"	
4-Chloroaniline	ND	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	330	"	"	"	"	"	"	
4-Nitroaniline	ND	830	"	"	"	"	"	"	
4-Nitrophenol	ND	830	"	"	"	"	"	"	
Acenaphthene	ND	330	"	"	"	"	"	"	
Acenaphthylene	ND	330	"	"	"	"	"	"	
Anthracene	ND	330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	330	"	"	"	"	"	"	



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El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP8 (25I1400-59) Soil Sampled: 09/29/25 08:49 Received: 09/29/25 12:31									
Benzo (a) pyrene	ND	330	µg/kg	1	2508262	"	10/03/25	EPA 8270C	
Benzo (b) fluoranthene	ND	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	330	"	"	"	"	"	"	
Benzoic acid	ND	830	"	"	"	"	"	"	
Benzyl alcohol	ND	330	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	330	"	"	"	"	"	"	
Chrysene	ND	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	330	"	"	"	"	"	"	
Dibenzofuran	ND	330	"	"	"	"	"	"	
Diethyl phthalate	ND	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	330	"	"	"	"	"	"	
Fluoranthene	ND	330	"	"	"	"	"	"	
Fluorene	ND	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	330	"	"	"	"	"	"	
Hexachloroethane	ND	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	330	"	"	"	"	"	"	
Isophorone	ND	330	"	"	"	"	"	"	
Naphthalene	ND	330	"	"	"	"	"	"	
Nitrobenzene (NB)	ND	330	"	"	"	"	"	"	
N-methyl-2-pyrrolidone	ND	330	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	330	"	"	"	"	"	"	



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El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP8 (25I1400-59) Soil Sampled: 09/29/25 08:49 Received: 09/29/25 12:31									
N-Nitrosodi-n-propylamine	ND	330	µg/kg	1	2508262	"	10/03/25	EPA 8270C	
N-Nitrosodiphenylamine	ND	330	"	"	"	"	"	"	
Pentachlorophenol	ND	830	"	"	"	"	"	"	
Phenanthrene	ND	330	"	"	"	"	"	"	
Phenol	ND	330	"	"	"	"	"	"	
Pyrene	ND	330	"	"	"	"	"	"	
Pyridine	ND	670	"	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		42 %		19-122	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		45 %		30-115	"	"	"	"	
Surrogate: 2-Fluorophenol		45 %		25-121	"	"	"	"	
Surrogate: Nitrobenzene-d5		53 %		23-120	"	"	"	"	
Surrogate: Phenol-d6		47 %		10-110	"	"	"	"	
Surrogate: Terphenyl-d14		47 %		18-137	"	"	"	"	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

TPH-Gasoline by GC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Gasoline	ND	0.20	mg/kg	1	2508307	09/30/25	09/30/25	EPA 8260M	
Surrogate: Toluene-d8		97 %	65-135		"	"	"	"	
SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Gasoline	ND	0.20	mg/kg	1	2508307	09/30/25	09/30/25	EPA 8260M	
Surrogate: Toluene-d8		96 %	65-135		"	"	"	"	
SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31									
Gasoline	ND	0.20	mg/kg	1	2508307	09/30/25	09/30/25	EPA 8260M	
Surrogate: Toluene-d8		96 %	65-135		"	"	"	"	
SP3 (25I1400-54) Soil Sampled: 09/29/25 08:34 Received: 09/29/25 12:31									
Gasoline	ND	0.20	mg/kg	1	2508307	09/30/25	09/30/25	EPA 8260M	
Surrogate: Toluene-d8		96 %	65-135		"	"	"	"	
SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31									
Gasoline	ND	0.20	mg/kg	1	2508307	09/30/25	09/30/25	EPA 8260M	
Surrogate: Toluene-d8		96 %	65-135		"	"	"	"	
SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31									
Gasoline	ND	0.20	mg/kg	1	2508307	09/30/25	09/30/25	EPA 8260M	
Surrogate: Toluene-d8		96 %	65-135		"	"	"	"	
SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31									
Gasoline	ND	0.20	mg/kg	1	2508307	09/30/25	09/30/25	EPA 8260M	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

TPH-Gasoline by GC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31									
Surrogate: Toluene-d8		95 %	65-135		2508307	"	09/30/25	EPA 8260M	
SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31									
Gasoline	ND	0.20	mg/kg	1	2508307	09/30/25	09/30/25	EPA 8260M	
Surrogate: Toluene-d8		93 %	65-135		"	"	"	"	
SP8 (25I1400-59) Soil Sampled: 09/29/25 08:49 Received: 09/29/25 12:31									
Gasoline	ND	0.20	mg/kg	1	2508307	09/30/25	09/30/25	EPA 8260M	
Surrogate: Toluene-d8		94 %	65-135		"	"	"	"	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	2508307	09/30/25	09/30/25	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Bromoform	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	ELAP1
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	ELAP1
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	ELAP1
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1 (25I1400-51) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Tetrachloroethene	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	88 %	50-125	"	"	"	"
Surrogate: 4-Bromofluorobenzene	120 %	50-128	"	"	"	"
Surrogate: Toluene-d8	97 %	62-125	"	"	"	"

SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	2508307	09/30/25	09/30/25	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
1,2-Dichloropropane	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	ELAP1
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP1D (25I1400-52) Soil Sampled: 09/29/25 08:30 Received: 09/29/25 12:31									
Isopropylbenzene	ND	50	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	ELAP1
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	ELAP1
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	91 %	50-125	"	"	"	"
Surrogate: 4-Bromofluorobenzene	119 %	50-128	"	"	"	"
Surrogate: Toluene-d8	96 %	62-125	"	"	"	"



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31									
1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	2508307	09/30/25	09/30/25	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	



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El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31									
Bromoform	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	ELAP1
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	ELAP1
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	ELAP1
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP2 (25I1400-53) Soil Sampled: 09/29/25 08:31 Received: 09/29/25 12:31									
Tetrachloroethene	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	88 %	50-125	"	"	"	"
Surrogate: 4-Bromofluorobenzene	111 %	50-128	"	"	"	"
Surrogate: Toluene-d8	96 %	62-125	"	"	"	"

SP3 (25I1400-54) Soil Sampled: 09/29/25 08:34 Received: 09/29/25 12:31

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	2508307	09/30/25	09/30/25	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP3 (25I1400-54) Soil Sampled: 09/29/25 08:34 Received: 09/29/25 12:31									
1,2-Dichloropropane	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	ELAP1
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP3 (25I1400-54) Soil Sampled: 09/29/25 08:34 Received: 09/29/25 12:31									
Isopropylbenzene	ND	50	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	ELAP1
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	ELAP1
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4									
		87 %	50-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene									
		117 %	50-128		"	"	"	"	
Surrogate: Toluene-d8									
		96 %	62-125		"	"	"	"	



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El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31									
1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	2508307	09/30/25	09/30/25	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31									
Bromoform	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	ELAP1
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	ELAP1
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	ELAP1
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP4 (25I1400-55) Soil Sampled: 09/29/25 08:36 Received: 09/29/25 12:31									
Tetrachloroethene	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	94 %	50-125	"	"	"	"
Surrogate: 4-Bromofluorobenzene	120 %	50-128	"	"	"	"
Surrogate: Toluene-d8	96 %	62-125	"	"	"	"

SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	2508307	09/30/25	09/30/25	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31									
1,2-Dichloropropane	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	ELAP1
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP5 (25I1400-56) Soil Sampled: 09/29/25 08:38 Received: 09/29/25 12:31									
Isopropylbenzene	ND	50	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	ELAP1
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	ELAP1
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	87 %	50-125	"	"	"	"
Surrogate: 4-Bromofluorobenzene	121 %	50-128	"	"	"	"
Surrogate: Toluene-d8	96 %	62-125	"	"	"	"



CALIFORNIA LABORATORY SERVICES

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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31									
1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	2508307	09/30/25	09/30/25	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	



CALIFORNIA LABORATORY SERVICES

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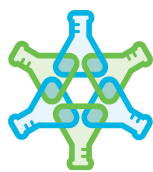
Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31									
Bromoform	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	ELAP1
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	ELAP1
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	ELAP1
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP6 (25I1400-57) Soil Sampled: 09/29/25 08:41 Received: 09/29/25 12:31									
Tetrachloroethene	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	92 %	50-125	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	121 %	50-128	"	"	"	"	"
Surrogate: Toluene-d8	95 %	62-125	"	"	"	"	"

SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31

1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	2508307	09/30/25	09/30/25	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31									
1,2-Dichloropropane	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	ELAP1
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP7 (25I1400-58) Soil Sampled: 09/29/25 08:46 Received: 09/29/25 12:31									
Isopropylbenzene	ND	50	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	ELAP1
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	ELAP1
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4									
		98 %	50-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene									
		111 %	50-128		"	"	"	"	
Surrogate: Toluene-d8									
		93 %	62-125		"	"	"	"	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP8 (25I1400-59) Soil Sampled: 09/29/25 08:49 Received: 09/29/25 12:31									
1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	2508307	09/30/25	09/30/25	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	ELAP1
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP8 (25I1400-59) Soil Sampled: 09/29/25 08:49 Received: 09/29/25 12:31									
Bromoform	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	ELAP1
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	ELAP1
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	ELAP1
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP8 (25I1400-59) Soil Sampled: 09/29/25 08:49 Received: 09/29/25 12:31									
Tetrachloroethene	ND	5.0	µg/kg	1	2508307	"	09/30/25	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	92 %	50-125	"	"	"	"
Surrogate: 4-Bromofluorobenzene	116 %	50-128	"	"	"	"
Surrogate: Toluene-d8	94 %	62-125	"	"	"	"



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508240 - EPA 7471A

Blank (2508240-BLK1)

Prepared: 09/30/25 Analyzed: 10/01/25

Mercury	ND	0.10	mg/kg
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LCS (2508240-BS1)

Prepared: 09/30/25 Analyzed: 10/01/25

Mercury	0.218	0.10	mg/kg	0.208	105	75-125
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Matrix Spike (2508240-MS1)

Source: 25I1342-66

Prepared: 09/30/25 Analyzed: 10/01/25

Mercury	0.297	0.10	mg/kg	0.208	0.0784	105	75-125
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Matrix Spike Dup (2508240-MSD1)

Source: 25I1342-66

Prepared: 09/30/25 Analyzed: 10/01/25

Mercury	0.324	0.10	mg/kg	0.208	0.0784	118	75-125	9	25
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Batch 2508310 - EPA 3050B

Blank (2508310-BLK1)

Prepared & Analyzed: 10/01/25

Antimony	ND	2.5	mg/kg
Arsenic	ND	1.0	"
Barium	ND	1.0	"
Beryllium	ND	1.0	"
Cadmium	ND	1.0	"
Cobalt	ND	1.0	"
Chromium	ND	1.0	"
Copper	ND	1.0	"
Lead	ND	2.5	"
Molybdenum	ND	1.0	"
Nickel	ND	1.0	"
Selenium	ND	2.5	"
Silver	ND	1.0	"
Thallium	ND	4.0	"
Vanadium	ND	1.0	"
Zinc	ND	1.0	"



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508310 - EPA 3050B

LCS (2508310-BS1)

Prepared & Analyzed: 10/01/25

Antimony	40.7	2.5	mg/kg	50.0		81	75-125			
Arsenic	39.0	1.0	"	50.0		78	75-125			
Barium	45.6	1.0	"	50.0		91	75-125			
Beryllium	46.7	1.0	"	50.0		93	75-125			
Cadmium	45.3	1.0	"	50.0		91	75-125			
Cobalt	47.1	1.0	"	50.0		94	75-125			
Chromium	44.7	1.0	"	50.0		89	75-125			
Copper	46.6	1.0	"	50.0		93	75-125			
Lead	45.4	2.5	"	50.0		91	75-125			
Molybdenum	43.6	1.0	"	50.0		87	75-125			
Nickel	44.9	1.0	"	50.0		90	75-125			
Selenium	37.4	2.5	"	50.0		75	75-125			
Silver	45.4	1.0	"	50.0		91	75-125			
Thallium	40.9	4.0	"	50.0		82	75-125			
Vanadium	45.1	1.0	"	50.0		90	75-125			
Zinc	43.2	1.0	"	50.0		86	75-125			

Matrix Spike (2508310-MS1)

Source: 25I1342-62

Prepared & Analyzed: 10/01/25

Antimony	13.1	2.5	mg/kg	50.0	ND	26	75-125			QM-5
Arsenic	36.3	1.0	"	50.0	3.23	66	75-125			QM-5
Barium	180	1.0	"	50.0	134	94	75-125			
Beryllium	41.0	1.0	"	50.0	0.602	81	75-125			
Cadmium	38.0	1.0	"	50.0	ND	76	75-125			
Cobalt	53.5	1.0	"	50.0	18.4	70	75-125			QM-5
Chromium	97.3	1.0	"	50.0	55.0	85	75-125			
Copper	72.2	1.0	"	50.0	41.3	62	75-125			QM-5
Lead	61.2	2.5	"	50.0	23.3	76	75-125			
Molybdenum	31.3	1.0	"	50.0	ND	63	75-125			QM-5
Nickel	86.6	1.0	"	50.0	47.7	78	75-125			
Selenium	25.3	2.5	"	50.0	ND	51	75-125			QM-5
Silver	37.7	1.0	"	50.0	ND	75	75-125			



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508310 - EPA 3050B

Matrix Spike (2508310-MS1)

Source: 25I1342-62

Prepared & Analyzed: 10/01/25

Thallium	33.0	4.0	mg/kg	50.0	ND	66	75-125			QM-5
Vanadium	129	1.0	"	50.0	86.2	85	75-125			
Zinc	91.8	1.0	"	50.0	56.0	72	75-125			QM-5

Matrix Spike Dup (2508310-MSD1)

Source: 25I1342-62

Prepared & Analyzed: 10/01/25

Antimony	16.0	2.5	mg/kg	50.0	ND	32	75-125	20	30	QM-5
Arsenic	39.2	1.0	"	50.0	3.23	72	75-125	8	30	QM-5
Barium	175	1.0	"	50.0	134	82	75-125	3	30	
Beryllium	43.3	1.0	"	50.0	0.602	85	75-125	6	30	
Cadmium	40.0	1.0	"	50.0	ND	80	75-125	5	30	
Cobalt	53.6	1.0	"	50.0	18.4	70	75-125	0.2	30	QM-5
Chromium	97.5	1.0	"	50.0	55.0	85	75-125	0.2	30	
Copper	75.7	1.0	"	50.0	41.3	69	75-125	5	30	QM-5
Lead	66.9	2.5	"	50.0	23.3	87	75-125	9	30	
Molybdenum	36.2	1.0	"	50.0	ND	72	75-125	15	30	QM-5
Nickel	92.1	1.0	"	50.0	47.7	89	75-125	6	30	
Selenium	28.9	2.5	"	50.0	ND	58	75-125	13	30	QM-5
Silver	39.9	1.0	"	50.0	ND	80	75-125	6	30	
Thallium	34.5	4.0	"	50.0	ND	69	75-125	5	30	QM-5
Vanadium	124	1.0	"	50.0	86.2	75	75-125	4	30	
Zinc	96.0	1.0	"	50.0	56.0	80	75-125	4	30	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2508295 - EPA 3510B GCNV										
Blank (2508295-BLK1)										
Prepared: 10/01/25 Analyzed: 10/02/25										
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
Surrogate: o-Terphenyl	0.589		"	0.500		118	65-135			
LCS (2508295-BS1)										
Prepared: 10/01/25 Analyzed: 10/02/25										
Diesel	44.7	1.0	mg/kg	50.0		89	65-135			
Surrogate: o-Terphenyl	0.505		"	0.500		101	65-135			
LCS Dup (2508295-BSD1)										
Prepared: 10/01/25 Analyzed: 10/02/25										
Diesel	51.5	1.0	mg/kg	50.0		103	65-135	14	30	
Surrogate: o-Terphenyl	0.495		"	0.500		99	65-135			
Matrix Spike (2508295-MS1)										
Source: 25I1342-61 Prepared: 10/01/25 Analyzed: 10/02/25										
Diesel	40.8	1.0	mg/kg	50.0	ND	82	59-138			
Surrogate: o-Terphenyl	0.434		"	0.500		87	65-135			
Matrix Spike Dup (2508295-MSD1)										
Source: 25I1342-61 Prepared: 10/01/25 Analyzed: 10/02/25										
Diesel	52.1	1.0	mg/kg	50.0	ND	104	59-138	24	37	
Surrogate: o-Terphenyl	0.583		"	0.500		117	65-135			



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2508276 - EPA 3050B										
Blank (2508276-BLK1)				Prepared: 10/01/25 Analyzed: 10/02/25						
Lead	ND	0.25	mg/kg							
LCS (2508276-BS1)				Prepared: 10/01/25 Analyzed: 10/02/25						
Lead	10.3	0.25	mg/kg	10.0		103	75-125			
Matrix Spike (2508276-MS1)				Source: 25I1347-04		Prepared: 10/01/25 Analyzed: 10/02/25				
Lead	21.8	2.5	mg/kg	10.0	10.8	110	75-125			
Matrix Spike Dup (2508276-MSD1)				Source: 25I1347-04		Prepared: 10/01/25 Analyzed: 10/02/25				
Lead	20.8	2.5	mg/kg	10.0	10.8	100	75-125	4.66	30	
Batch 2508277 - EPA 3050B										
Blank (2508277-BLK1)				Prepared: 10/01/25 Analyzed: 10/02/25						
Lead	ND	0.25	mg/kg							
Arsenic	ND	0.20	"							
LCS (2508277-BS1)				Prepared: 10/01/25 Analyzed: 10/02/25						
Lead	10.2	0.25	mg/kg	10.0		102	75-125			
Arsenic	9.30	0.20	"	10.0		93	75-125			
Matrix Spike (2508277-MS1)				Source: 25I1400-31		Prepared: 10/01/25 Analyzed: 10/02/25				
Lead	13.6	2.5	mg/kg	10.0	3.41	102	75-125			
Arsenic	9.86	2.0	"	10.0	ND	99	75-125			
Matrix Spike Dup (2508277-MSD1)				Source: 25I1400-31		Prepared: 10/01/25 Analyzed: 10/02/25				
Lead	14.0	2.5	mg/kg	10.0	3.41	106	75-125	3.12	30	
Arsenic	9.34	2.0	"	10.0	ND	93	75-125	5	30	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508269 - LUFT-DHS GCNV

Blank (2508269-BLK1)

Prepared: 10/01/25 Analyzed: 10/02/25

Aldrin	ND	1.0	µg/kg							
alpha-BHC	ND	1.7	"							
beta-BHC	ND	1.7	"							
gamma-BHC (Lindane)	ND	1.7	"							
delta-BHC	ND	1.7	"							
Chlordane-technical	ND	3.3	"							
4,4'-DDD	ND	3.3	"							
4,4'-DDE	ND	3.3	"							
4,4'-DDT	ND	3.3	"							
Dieldrin	ND	1.0	"							
Endosulfan I	ND	1.7	"							
Endosulfan II	ND	3.3	"							
Endosulfan sulfate	ND	3.3	"							
Endrin	ND	3.3	"							
Endrin aldehyde	ND	3.3	"							
Heptachlor	ND	1.7	"							
Heptachlor epoxide	ND	1.7	"							
Methoxychlor	ND	17	"							
Mirex	ND	3.3	"							
Toxaphene	ND	20	"							
Surrogate: Tetrachloro-meta-xylene	8.09		"	8.33		97	46-139			
Surrogate: Decachlorobiphenyl	8.09		"	8.33		97	52-141			

LCS (2508269-BS1)

Prepared: 10/01/25 Analyzed: 10/02/25

Aldrin	12.3	1.0	µg/kg	16.7	74	47-132
gamma-BHC (Lindane)	12.1	1.7	"	16.7	73	56-133
4,4'-DDT	10.9	3.3	"	16.7	65	46-137
Dieldrin	12.7	1.0	"	16.7	76	44-143
Endrin	7.85	3.3	"	16.7	47	30-147
Heptachlor	11.6	1.7	"	16.7	70	33-148
Surrogate: Tetrachloro-meta-xylene	6.59		"	8.33	79	46-139



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508269 - LUFT-DHS GCNV

LCS (2508269-BS1)

Prepared: 10/01/25 Analyzed: 10/02/25

Surrogate: Decachlorobiphenyl 5.12 µg/kg 8.33 61 52-141

LCS Dup (2508269-BSD1)

Prepared: 10/01/25 Analyzed: 10/02/25

Aldrin	13.6	1.0	µg/kg	16.7	81	47-132	10	30	
gamma-BHC (Lindane)	13.2	1.7	"	16.7	79	56-133	9	30	
4,4'-DDT	12.0	3.3	"	16.7	72	46-137	10	30	
Dieldrin	14.2	1.0	"	16.7	85	44-143	11	30	
Endrin	13.5	3.3	"	16.7	81	30-147	53	30	QR-2
Heptachlor	12.8	1.7	"	16.7	77	33-148	10	30	
Surrogate: Tetrachloro-meta-xylene	7.30	"	8.33	88	46-139				
Surrogate: Decachlorobiphenyl	6.25	"	8.33	75	52-141				

Matrix Spike (2508269-MS1)

Source: 25I1400-15

Prepared: 10/01/25 Analyzed: 10/02/25

QRL-8

Aldrin	16.7	5.0	µg/kg	16.7	ND	100	47-138		
gamma-BHC (Lindane)	11.7	8.5	"	16.7	ND	70	38-144		
4,4'-DDT	24.7	17	"	16.7	6.55	109	41-157		
Dieldrin	11.9	5.0	"	16.7	ND	71	46-155		
Endrin	15.9	17	"	16.7	ND	95	34-149		
Heptachlor	11.8	8.5	"	16.7	ND	71	36-155		
Surrogate: Tetrachloro-meta-xylene	14.4	"	20.8	69	46-139				
Surrogate: Decachlorobiphenyl	13.4	"	20.8	64	52-141				

Matrix Spike Dup (2508269-MSD1)

Source: 25I1400-15

Prepared: 10/01/25 Analyzed: 10/02/25

QRL-8

Aldrin	22.0	5.0	µg/kg	16.7	ND	132	47-138	27	35
gamma-BHC (Lindane)	11.4	8.5	"	16.7	ND	68	38-144	3	35
4,4'-DDT	23.2	17	"	16.7	6.55	100	41-157	6	35
Dieldrin	13.1	5.0	"	16.7	ND	79	46-155	10	35
Endrin	12.6	17	"	16.7	ND	76	34-149	23	35
Heptachlor	11.4	8.5	"	16.7	ND	68	36-155	3	35
Surrogate: Tetrachloro-meta-xylene	13.0	"	20.8	62	46-139				
Surrogate: Decachlorobiphenyl	15.1	"	20.8	73	52-141				



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508270 - LUFT-DHS GCNV

Blank (2508270-BLK1)

Prepared: 10/01/25 Analyzed: 10/02/25

Aldrin	ND	1.0	µg/kg							
alpha-BHC	ND	1.7	"							
beta-BHC	ND	1.7	"							
gamma-BHC (Lindane)	ND	1.7	"							
delta-BHC	ND	1.7	"							
Chlordane-technical	ND	3.3	"							
4,4'-DDD	ND	3.3	"							
4,4'-DDE	ND	3.3	"							
4,4'-DDT	ND	3.3	"							
Dieldrin	ND	1.0	"							
Endosulfan I	ND	1.7	"							
Endosulfan II	ND	3.3	"							
Endosulfan sulfate	ND	3.3	"							
Endrin	ND	3.3	"							
Endrin aldehyde	ND	3.3	"							
Heptachlor	ND	1.7	"							
Heptachlor epoxide	ND	1.7	"							
Methoxychlor	ND	17	"							
Mirex	ND	3.3	"							
Toxaphene	ND	20	"							
Surrogate: Tetrachloro-meta-xylene	9.15		"	8.33		110	46-139			
Surrogate: Decachlorobiphenyl	8.59		"	8.33		103	52-141			

LCS (2508270-BS1)

Prepared: 10/01/25 Analyzed: 10/02/25

Aldrin	7.17	1.0	µg/kg	16.7	43	47-132	QM-1
gamma-BHC (Lindane)	7.18	1.7	"	16.7	43	56-133	QM-1
4,4'-DDT	8.11	3.3	"	16.7	49	46-137	
Dieldrin	7.62	1.0	"	16.7	46	44-143	
Endrin	8.06	3.3	"	16.7	48	30-147	
Heptachlor	6.84	1.7	"	16.7	41	33-148	
Surrogate: Tetrachloro-meta-xylene	4.04		"	8.33	48	46-139	



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508270 - LUFT-DHS GCNV

LCS (2508270-BS1)

Prepared: 10/01/25 Analyzed: 10/02/25

Surrogate: Decachlorobiphenyl	4.97		µg/kg	8.33		60	52-141			
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LCS Dup (2508270-BSD1)

Prepared: 10/01/25 Analyzed: 10/02/25

Aldrin	7.88	1.0	µg/kg	16.7		47	47-132	9	30	
gamma-BHC (Lindane)	9.62	1.7	"	16.7		58	56-133	29	30	
4,4'-DDT	8.39	3.3	"	16.7		50	46-137	3	30	
Dieldrin	7.63	1.0	"	16.7		46	44-143	0.2	30	
Endrin	8.22	3.3	"	16.7		49	30-147	2	30	
Heptachlor	7.99	1.7	"	16.7		48	33-148	16	30	
Surrogate: Tetrachloro-meta-xylene	4.55		"	8.33		55	46-139			
Surrogate: Decachlorobiphenyl	4.30		"	8.33		52	52-141			

Matrix Spike (2508270-MS1)

Source: 25I1400-34

Prepared: 10/01/25 Analyzed: 10/02/25

Aldrin	15.6	1.0	µg/kg	16.7	ND	94	47-138			
gamma-BHC (Lindane)	16.0	1.7	"	16.7	ND	96	38-144			
4,4'-DDT	18.4	3.3	"	16.7	ND	110	41-157			
Dieldrin	16.5	1.0	"	16.7	ND	99	46-155			
Endrin	17.0	3.3	"	16.7	ND	102	34-149			
Heptachlor	16.1	1.7	"	16.7	ND	96	36-155			
Surrogate: Tetrachloro-meta-xylene	19.3		"	20.8		93	46-139			
Surrogate: Decachlorobiphenyl	21.0		"	20.8		101	52-141			

Matrix Spike Dup (2508270-MSD1)

Source: 25I1400-34

Prepared: 10/01/25 Analyzed: 10/02/25

Aldrin	13.2	1.0	µg/kg	16.7	ND	79	47-138	17	35	
gamma-BHC (Lindane)	13.5	1.7	"	16.7	ND	81	38-144	16	35	
4,4'-DDT	15.0	3.3	"	16.7	ND	90	41-157	20	35	
Dieldrin	14.2	1.0	"	16.7	ND	85	46-155	15	35	
Endrin	14.4	3.3	"	16.7	ND	86	34-149	17	35	
Heptachlor	13.4	1.7	"	16.7	ND	80	36-155	18	35	
Surrogate: Tetrachloro-meta-xylene	16.1		"	20.8		77	46-139			
Surrogate: Decachlorobiphenyl	17.4		"	20.8		83	52-141			



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508260 - LUFT-DHS GCNV

Blank (2508260-BLK1)

Prepared: 09/30/25 Analyzed: 10/02/25

Aroclor 1016	ND	20	µg/kg							
Aroclor 1221	ND	20	"							
Aroclor 1232	ND	20	"							
Aroclor 1242	ND	20	"							
Aroclor 1248	ND	20	"							
Aroclor 1254	ND	20	"							
Aroclor 1260	ND	20	"							
Aroclor 1268	ND	20	"							
Surrogate: Decachlorobiphenyl	7.60		"	8.33		91	50-150			

LCS (2508260-BS1)

Prepared: 09/30/25 Analyzed: 10/02/25

Aroclor 1260	71.1	20	µg/kg	83.3		85	29-131			
Surrogate: Decachlorobiphenyl	6.79		"	8.33		82	50-150			

LCS Dup (2508260-BSD1)

Prepared: 09/30/25 Analyzed: 10/02/25

Aroclor 1260	76.6	20	µg/kg	83.3		92	29-131	7	30	
Surrogate: Decachlorobiphenyl	7.65		"	8.33		92	50-150			

Matrix Spike (2508260-MS1)

Source: 25I1363-03

Prepared: 09/30/25 Analyzed: 10/02/25

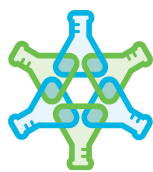
Aroclor 1260	51.5	20	µg/kg	83.3	ND	62	29-131			
Surrogate: Decachlorobiphenyl	11.5		"	20.8		55	50-150			

Matrix Spike Dup (2508260-MSD1)

Source: 25I1363-03

Prepared: 09/30/25 Analyzed: 10/02/25

Aroclor 1260	57.5	20	µg/kg	83.3	ND	69	29-131	11	30	
Surrogate: Decachlorobiphenyl	14.6		"	20.8		70	50-150			



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508262 - LUFT-DHS GCMS

Blank (2508262-BLK1)

Prepared: 09/30/25 Analyzed: 10/02/25

Acenaphthene	ND	330	µg/kg
Acenaphthylene	ND	330	"
Anthracene	ND	330	"
Benzo (a) anthracene	ND	330	"
Benzo (b) fluoranthene	ND	330	"
Benzo (k) fluoranthene	ND	330	"
Benzo (g,h,i) perylene	ND	330	"
Benzo (a) pyrene	ND	330	"
Benzyl alcohol	ND	330	"
Bis(2-chloroethoxy)methane	ND	330	"
Bis(2-chloroethyl)ether	ND	330	"
Bis(2-ethylhexyl)phthalate	ND	330	"
4-Bromophenyl phenyl ether	ND	330	"
Butyl benzyl phthalate	ND	330	"
4-Chloroaniline	ND	330	"
2-Chloronaphthalene	ND	330	"
4-Chlorophenyl phenyl ether	ND	330	"
Chrysene	ND	330	"
Dibenz (a,h) anthracene	ND	330	"
Dibenzofuran	ND	330	"
Di-n-butyl phthalate	ND	330	"
1,2-Dichlorobenzene	ND	330	"
1,3-Dichlorobenzene	ND	330	"
1,4-Dichlorobenzene	ND	330	"
3,3'-Dichlorobenzidine	ND	670	"
Diethyl phthalate	ND	330	"
Dimethyl phthalate	ND	330	"
2,4-Dinitrotoluene (2,4-DNT)	ND	330	"
2,6-Dinitrotoluene (2,6-DNT)	ND	330	"
Di-n-octyl phthalate	ND	330	"
Fluoranthene	ND	330	"



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508262 - LUFT-DHS GCMS

Blank (2508262-BLK1)

Prepared: 09/30/25 Analyzed: 10/02/25

Fluorene	ND	330	µg/kg
Indeno (1,2,3-cd) pyrene	ND	330	"
Isophorone	ND	330	"
2-Methylnaphthalene	ND	330	"
Naphthalene	ND	330	"
2-Nitroaniline	ND	830	"
3-Nitroaniline	ND	830	"
4-Nitroaniline	ND	830	"
Nitrobenzene (NB)	ND	330	"
N-Nitrosodimethylamine	ND	330	"
N-Nitrosodiphenylamine	ND	330	"
N-Nitrosodi-n-propylamine	ND	330	"
Phenanthrene	ND	330	"
Bis(2-chloroisopropyl)ether	ND	330	"
Pyridine	ND	670	"
Hexachlorobenzene	ND	330	"
Hexachlorobutadiene	ND	330	"
Hexachlorocyclopentadiene	ND	330	"
Hexachloroethane	ND	330	"
Pyrene	ND	330	"
1,2,4-Trichlorobenzene	ND	330	"
4,6-Dinitro-2-methylphenol	ND	830	"
N-methyl-2-pyrrolidone	ND	330	"
3 & 4-Methylphenol	ND	330	"
Phenol	ND	330	"
2,4,5-Trichlorophenol	ND	330	"
2,4,6-Trichlorophenol	ND	330	"
Benzoic acid	ND	830	"
4-Chloro-3-methylphenol	ND	330	"
2-Chlorophenol	ND	330	"
2,4-Dichlorophenol	ND	330	"



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508262 - LUFT-DHS GCMS

Blank (2508262-BLK1)

Prepared: 09/30/25 Analyzed: 10/02/25

2,4-Dimethylphenol	ND	330	µg/kg							
2,4-Dinitrophenol	ND	830	"							
2-Nitrophenol	ND	330	"							
4-Nitrophenol	ND	830	"							
Pentachlorophenol	ND	830	"							
Surrogate: 2-Fluorophenol	646		"	1330		48	25-121			
Surrogate: Phenol-d6	696		"	1330		52	10-110			
Surrogate: Nitrobenzene-d5	770		"	1330		58	23-120			
Surrogate: 2-Fluorobiphenyl	657		"	1330		49	30-115			
Surrogate: 2,4,6-Tribromophenol	534		"	1330		40	19-122			
Surrogate: Terphenyl-d14	665		"	1330		50	18-137			

LCS (2508262-BS1)

Prepared: 09/30/25 Analyzed: 10/02/25

Acenaphthene	364	330	µg/kg	667		55	31-137			
1,4-Dichlorobenzene	378	330	"	667		57	19-116			
2,4-Dinitrotoluene (2,4-DNT)	377	330	"	667		57	28-109			
N-Nitrosodi-n-propylamine	412	330	"	667		62	41-126			
Pyrene	370	330	"	667		55	35-142			
1,2,4-Trichlorobenzene	408	330	"	667		61	38-117			
Phenol	399	330	"	667		60	6-125			
4-Chloro-3-methylphenol	376	330	"	667		56	26-122			
2-Chlorophenol	391	330	"	667		59	25-132			
4-Nitrophenol	1090	830	"	667		164	11-124			QC-4H
Pentachlorophenol	385	830	"	667		58	17-119			
Surrogate: 2-Fluorophenol	675		"	1330		51	25-121			
Surrogate: Phenol-d6	679		"	1330		51	10-110			
Surrogate: Nitrobenzene-d5	757		"	1330		57	23-120			
Surrogate: 2-Fluorobiphenyl	653		"	1330		49	30-115			
Surrogate: 2,4,6-Tribromophenol	595		"	1330		45	19-122			
Surrogate: Terphenyl-d14	692		"	1330		52	18-137			



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Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2508262 - LUFT-DHS GCMS										
LCS Dup (2508262-BSD1)				Prepared: 09/30/25 Analyzed: 10/02/25						
Acenaphthene	358	330	µg/kg	667		54	31-137	2	20	
1,4-Dichlorobenzene	381	330	"	667		57	19-116	0.7	27	
2,4-Dinitrotoluene (2,4-DNT)	384	330	"	667		58	28-109	2	45	
N-Nitrosodi-n-propylamine	416	330	"	667		62	41-126	1	38	
Pyrene	356	330	"	667		53	35-142	4	36	
1,2,4-Trichlorobenzene	415	330	"	667		62	38-117	2	23	
Phenol	397	330	"	667		60	6-125	0.4	35	
4-Chloro-3-methylphenol	376	330	"	667		56	26-122	0.09	33	
2-Chlorophenol	389	330	"	667		58	25-132	0.4	45	
4-Nitrophenol	1080	830	"	667		162	11-124	1	45	QC-4H
Pentachlorophenol	374	830	"	667		56	17-119	3	47	
Surrogate: 2-Fluorophenol	632		"	1330		47	25-121			
Surrogate: Phenol-d6	638		"	1330		48	10-110			
Surrogate: Nitrobenzene-d5	725		"	1330		54	23-120			
Surrogate: 2-Fluorobiphenyl	635		"	1330		48	30-115			
Surrogate: 2,4,6-Tribromophenol	557		"	1330		42	19-122			
Surrogate: Terphenyl-d14	642		"	1330		48	18-137			
Matrix Spike (2508262-MS1)				Source: 25I1363-03 Prepared: 09/30/25 Analyzed: 10/03/25						
Acenaphthene	322	330	µg/kg	667	ND	48	31-137			
1,4-Dichlorobenzene	331	330	"	667	ND	50	28-104			
2,4-Dinitrotoluene (2,4-DNT)	355	330	"	667	ND	53	28-105			
N-Nitrosodi-n-propylamine	394	330	"	667	ND	59	41-126			
Pyrene	311	330	"	667	ND	47	35-142			
1,2,4-Trichlorobenzene	370	330	"	667	ND	56	38-107			
Phenol	366	330	"	667	ND	55	6-125			
4-Chloro-3-methylphenol	358	330	"	667	ND	54	26-103			
2-Chlorophenol	369	330	"	667	ND	55	25-102			
4-Nitrophenol	1250	830	"	667	ND	188	11-114			A-COM
Pentachlorophenol	163	830	"	667	ND	24	17-109			
Surrogate: 2-Fluorophenol	620		"	1330		46	25-121			



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

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

Batch 2508262 - LUFT-DHS GCMS

Matrix Spike (2508262-MS1)

Source: 25I1363-03

Prepared: 09/30/25 Analyzed: 10/03/25

Surrogate: Phenol-d6	625		µg/kg	1330		47	10-110			
Surrogate: Nitrobenzene-d5	699		"	1330		52	23-120			
Surrogate: 2-Fluorobiphenyl	576		"	1330		43	30-115			
Surrogate: 2,4,6-Tribromophenol	533		"	1330		40	19-122			
Surrogate: Terphenyl-d14	598		"	1330		45	18-137			

Matrix Spike Dup (2508262-MSD1)

Source: 25I1363-03

Prepared: 09/30/25 Analyzed: 10/03/25

Acenaphthene	323	330	µg/kg	667	ND	48	31-137	0.1	20	
1,4-Dichlorobenzene	357	330	"	667	ND	54	28-104	8	27	
2,4-Dinitrotoluene (2,4-DNT)	346	330	"	667	ND	52	28-105	2	45	
N-Nitrosodi-n-propylamine	403	330	"	667	ND	61	41-126	2	38	
Pyrene	326	330	"	667	ND	49	35-142	5	36	
1,2,4-Trichlorobenzene	387	330	"	667	ND	58	38-107	4	23	
Phenol	376	330	"	667	ND	56	6-125	3	35	
4-Chloro-3-methylphenol	349	330	"	667	ND	52	26-103	3	33	
2-Chlorophenol	380	330	"	667	ND	57	25-102	3	45	
4-Nitrophenol	1260	830	"	667	ND	189	11-114	0.5	45	A-COM
Pentachlorophenol	149	830	"	667	ND	22	17-109		47	
Surrogate: 2-Fluorophenol	625		"	1330		47	25-121			
Surrogate: Phenol-d6	638		"	1330		48	10-110			
Surrogate: Nitrobenzene-d5	712		"	1330		53	23-120			
Surrogate: 2-Fluorobiphenyl	570		"	1330		43	30-115			
Surrogate: 2,4,6-Tribromophenol	508		"	1330		38	19-122			
Surrogate: Terphenyl-d14	607		"	1330		46	18-137			



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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

TPH-Gasoline by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508307 - EPA 3510B GCMS

Blank (2508307-BLK1)

Prepared & Analyzed: 09/30/25

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

LCS (2508307-BS1)

Prepared & Analyzed: 09/30/25

Gasoline	2.19	0.20	mg/kg	2.00		110	65-135			
Surrogate: Toluene-d8	0.0298		"	0.0300		99	65-135			

LCS Dup (2508307-BSD1)

Prepared & Analyzed: 09/30/25

Gasoline	2.15	0.20	mg/kg	2.00		108	65-135	2	30	
Surrogate: Toluene-d8	0.0298		"	0.0300		99	65-135			

Matrix Spike (2508307-MS1)

Source: 25I1400-51

Prepared & Analyzed: 09/30/25

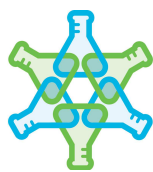
Gasoline	1.62	0.20	mg/kg	2.00	ND	81	63-124			
Surrogate: Toluene-d8	0.0295		"	0.0300		98	65-135			

Matrix Spike Dup (2508307-MSD1)

Source: 25I1400-51

Prepared & Analyzed: 09/30/25

Gasoline	1.50	0.20	mg/kg	2.00	ND	75	63-124	8	35	
Surrogate: Toluene-d8	0.0302		"	0.0300		101	65-135			



CALIFORNIA LABORATORY SERVICES

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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2508307 - EPA 3510B GCMS

Blank (2508307-BLK1)

Prepared & Analyzed: 09/30/25

Benzene	ND	5.0	µg/kg							
Bromobenzene	ND	5.0	"							
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	10	"							
n-Butylbenzene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Chloroethane	ND	5.0	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	10	"							
p-Chlorotoluene	ND	5.0	"							
Dibromochloromethane	ND	5.0	"							
1,2-Dibromo-3-chloropropane	ND	10	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
Dibromomethane	ND	5.0	"							
1,2-Dichlorobenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	5.0	"							ELAP1
1,4-Dichlorobenzene	ND	5.0	"							
Dichlorodifluoromethane (Freon 12)	ND	10	"							
1,1-Dichloroethane	ND	5.0	"							
1,2-Dichloroethane	ND	5.0	"							
1,1-Dichloroethene	ND	5.0	"							
cis-1,2-Dichloroethene	ND	5.0	"							ELAP1
trans-1,2-Dichloroethene	ND	5.0	"							
1,2-Dichloropropane	ND	5.0	"							
cis-1,3-Dichloropropene	ND	5.0	"							
trans-1,3-Dichloropropene	ND	5.0	"							



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

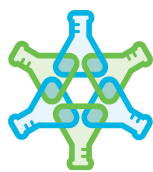
Batch 2508307 - EPA 3510B GCMS

Blank (2508307-BLK1)

Prepared & Analyzed: 09/30/25

Ethylbenzene	ND	5.0	µg/kg
Hexachlorobutadiene	ND	5.0	"
Methylene chloride	ND	20	"
4-Methyl-2-pentanone	ND	50	"
Acetone	ND	100	"
Methyl tert-butyl ether	ND	5.0	"
2-Butanone	ND	100	"
Naphthalene	ND	5.0	"
o-Chlorotoluene	ND	5.0	"
1,3-Dichloropropane	ND	5.0	"
n-Propylbenzene	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
1,1-Dichloropropene	ND	5.0	"
Styrene	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
2-Hexanone	ND	50	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
Isopropylbenzene	ND	50	"
1,1,1,2-Tetrachloroethane	ND	5.0	"
p-Isopropyltoluene	ND	5.0	"
Tetrachloroethene	ND	5.0	"
Toluene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1,1-Trichloroethane	ND	5.0	"
Trichloroethene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"

ELAP1



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1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

Batch 2508307 - EPA 3510B GCMS

Blank (2508307-BLK1)

Prepared & Analyzed: 09/30/25

1,2,3-Trichloropropane	ND	5.0	µg/kg							ELAP1
Vinyl chloride	ND	10	"							
Xylenes (total)	ND	10	"							
Di-isopropyl ether	ND	5.0	"							
Ethyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							ELAP1
tert-Butyl alcohol	ND	50	"							ELAP1
Surrogate: 1,2-Dichloroethane-d4	25.2		"	30.0		84	50-125			
Surrogate: Toluene-d8	29.0		"	30.0		97	62-125			
Surrogate: 4-Bromofluorobenzene	35.0		"	30.0		117	50-128			

LCS (2508307-BS1)

Prepared & Analyzed: 09/30/25

Benzene	20.5	5.0	µg/kg	20.0		103	64-135			
Chlorobenzene	20.2	5.0	"	20.0		101	67-133			
1,1-Dichloroethene	20.6	5.0	"	20.0		103	53-137			
Toluene	19.8	5.0	"	20.0		99	61-138			
Trichloroethene	21.3	5.0	"	20.0		106	64-130			
Surrogate: 1,2-Dichloroethane-d4	25.4		"	30.0		85	50-125			
Surrogate: Toluene-d8	29.8		"	30.0		99	62-125			
Surrogate: 4-Bromofluorobenzene	31.8		"	30.0		106	50-128			

LCS Dup (2508307-BS1)

Prepared & Analyzed: 09/30/25

Benzene	20.2	5.0	µg/kg	20.0		101	64-135	1	30	
Chlorobenzene	20.3	5.0	"	20.0		101	67-133	0.6	30	
1,1-Dichloroethene	20.5	5.0	"	20.0		102	53-137	0.5	30	
Toluene	19.9	5.0	"	20.0		99	61-138	0.2	30	
Trichloroethene	21.1	5.0	"	20.0		106	64-130	0.7	30	
Surrogate: 1,2-Dichloroethane-d4	24.6		"	30.0		82	50-125			
Surrogate: Toluene-d8	29.8		"	30.0		99	62-125			
Surrogate: 4-Bromofluorobenzene	30.9		"	30.0		103	50-128			



CALIFORNIA LABORATORY SERVICES

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Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

Batch 2508307 - EPA 3510B GCMS

Matrix Spike (2508307-MS1)

Source: 25I1400-51

Prepared & Analyzed: 09/30/25

Benzene	19.2	5.0	µg/kg	20.0	ND	96	58-139			
Chlorobenzene	18.1	5.0	"	20.0	ND	91	62-134			
1,1-Dichloroethene	17.0	5.0	"	20.0	ND	85	53-152			
Toluene	18.5	5.0	"	20.0	ND	93	58-139			
Trichloroethene	19.3	5.0	"	20.0	ND	96	55-138			
Surrogate: 1,2-Dichloroethane-d4	27.6		"	30.0		92	50-125			
Surrogate: Toluene-d8	29.5		"	30.0		98	62-125			
Surrogate: 4-Bromofluorobenzene	31.3		"	30.0		104	50-128			

Matrix Spike Dup (2508307-MSD1)

Source: 25I1400-51

Prepared & Analyzed: 09/30/25

Benzene	17.6	5.0	µg/kg	20.0	ND	88	58-139	9	30	
Chlorobenzene	16.5	5.0	"	20.0	ND	82	62-134	10	30	
1,1-Dichloroethene	16.1	5.0	"	20.0	ND	81	53-152	5	30	
Toluene	17.0	5.0	"	20.0	ND	85	58-139	9	30	
Trichloroethene	17.5	5.0	"	20.0	ND	87	55-138	10	30	
Surrogate: 1,2-Dichloroethane-d4	33.8		"	30.0		113	50-125			
Surrogate: Toluene-d8	30.2		"	30.0		101	62-125			
Surrogate: 4-Bromofluorobenzene	32.2		"	30.0		107	50-128			



CALIFORNIA LABORATORY SERVICES

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10/07/25 16:12

Youngdahl & Associates
1234 Glenhaven Court
El Dorado Hills, CA 95762

Project: The Reserve Phase II ESA
Project Number: E22325.003
Project Manager: Nancy Malaret

CLS Work Order #: 25I1400
COC #:

Notes and Definitions

TPH-X	Although the sample contains compounds in the retention time range of target parameter, the chromatogram was not consistent with the expected chromatographic pattern or "fingerprint". However, the reported concentration is based on the target parameter.
QS-4	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QRL-8	The extract of this sample was dark and/or oily. Therefore, the sample was analyzed with a dilution and the reporting limit was raised for all target compounds.
QR-2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-5	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QM-1	The spike recovery was outside acceptance limits for the LCS or LCSD. The batch was accepted based on acceptable MS/MSD recoveries & RPD's.
QC-4H	The percent recovery of LCS or LCSD was above the upper control limit; however, all analytes in the associated sample were ND; therefore, a reanalysis was not performed.
ELAP1	The analysis is not ELAP-certified; the result is reported per the client's request.
A-COM	The MS/MSD percent recovery was outside the control limit; however, all analytes in the associated sample were ND; therefore, a reanalysis was not performed.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference



MicroTest Laboratories Inc. NVLAP Code: 200999-0
3110 Gold Canal Dr. Ste. A. Rancho Cordova, CA 95670
PH 916.567.9808 | FX 916.404.0302
www.microtestlabsinc.com | service@microtestlabsinc.com

Project ID
MT012572533

CLIENT INFORMATION

Company California Laboratory Services
Name Shellie Furnas
Address 3249 Fitzgerald Road
Rancho Cordova, CA 95742
Phone (916) 638 - 7301
Email sub@californialab.com

SAMPLE

Date Monday, September 29, 2025
Time

MicroTest
Laboratories

Test Report

JOB SITE INFORMATION

Sampler
Project 25I1400
Address

POLARIZED LIGHT MICROSCOPY (PLM) – CARB 435 Level A / 400 Point Count (0.25%) EPA METHOD 600 / R-93 / 116 & EPA – 40 CFR Appendix E to Subpart E of Part 763

Client Sample ID	Laboratory Sample ID	Client Description	Laboratory Description	Non Fibrous / Fibrous Materials	Asbestiform Minerals %
SP1	72533-1	09/29/25 08:30	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
SP1D	72533-2	09/29/25 08:30	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
SP2	72533-3	09/29/25 08:31	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
SP3	72533-4	09/29/25 08:34	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
SP4	72533-5	09/29/25 08:36	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
SP5	72533-6	09/29/25 08:38	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
SP6	72533-7	09/29/25 08:41	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
SP7	72533-8	09/29/25 08:46	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected
SP8	72533-9	09/29/25 08:49	Brown Soil Non-Fibrous Homogenous	100% Binder	None Detected

Date Received: Tuesday, September 30, 2025
Date Analyzed: Thursday, October 02, 2025
Date Reported: Tuesday, October 07, 2025

Analyst: Andres De Ferrari

Authorized Signatory:

Kelly Favero - Lab Manager



MicroTest Laboratories Inc. NVLAP Code: 200999-0
3110 Gold Canal Dr. Ste. A. Rancho Cordova, CA 95670
PH 916.567.9808 | FX 916.404.0302
www.microtestlabsinc.com | service@microtestlabsinc.com

Project ID
MT012572533

CLIENT INFORMATION

Company California Laboratory Services
Name Shellie Furnas
Address 3249 Fitzgerald Road
Rancho Cordova, CA 95742
Phone (916) 638 - 7301
Email sub@californialab.com

SAMPLE

Date Monday, September 29, 2025
Time

MicroTest
Laboratories

Notes and Definitions

JOB SITE INFORMATION

Sampler
Project 25I1400
Address

Notes and Definitions

This document serves as the final report. The results apply only to the sample as received. Due to the inherent limitations of Polarized Light Microscopy (PLM) and the complexity of certain sample matrices, some materials classified as "None Detected" (ND) for asbestos (e.g., floor tiles or similar materials) may require further analysis. MicroTest Laboratories recommends additional testing using PLM and/or Transmission Electron Microscopy (TEM) with gravimetric reduction preparation.

Soil, rock and Vermiculite matrices present analytical challenges. MicroTest recommends homogenization by milling before PLM analysis. The thermal breakdown of asbestos fibers can change their properties, causing them to exhibit different mineral characteristics. Even if altered asbestos isn't counted by the method used, OSHA and various state regulations still recognize it as asbestos. PLM analysis will determine the presence of non-altered asbestos, but fire-altered, former asbestos fibers will be reported as an "Altered" Asbestiform result. Materials commonly seen with fire-altered minerals include, but are not limited to, cementitious sidings, tiles, textures, joint compounds, and fibrous backings. Due to the potential for incomplete or partial decomposition, additional analysis by TEM is advisable.

The reporting limit for calibrated visual area estimation quantitation procedures is 1%. The reporting limits for 400-point count and 1000-point count quantitation procedures are 0.25% and 0.1%, respectively. Samples are considered acceptable unless otherwise noted. Each layer of a sample is analyzed separately unless it consists of multiple manufactured layers (e.g., linoleum, drywall) or if otherwise specified by the client.

Samples received from multiple homogeneous areas and placed in a single bag were analyzed using MicroTest's MT Sub-sampling Standard Operating Procedures. This method ensures unambiguous and reliable analysis despite the combined nature of the samples received.

All samples will be retained for a minimum of 30 days before disposal. Bench sheets detailing sampling methodologies can be provided upon request. This report must not be used by the client to imply product endorsement by NVLAP or any agency of the U.S. Government. This report may only be reproduced in its entirety with the written approval of MicroTest Laboratories, Inc.

Estimated Positive Error Ranges

<1% - 2% : +/- 1%
3 - 20% : +/- 6%
21 - 50% : +/- 17%
51+% : +/- 23%

Total Samples Received: 9 Total layers analyzed: 9

Authorized Signatory:

Kelly Favero - Lab Manager

SUBCONTRACT ORDER

2511400

Project ID: 72533

Client: CLS

Received Date: 09/30/25

Count: 9 TAT: 5 Day

SENDING LABORATORY:

CLS Labs
3249 Fitzgerald Rd.
Rancho Cordova, CA 95742
Phone: 916-638-7301
Fax: 916-638-4510
Project Manager: Client Services
~~Project: The Reserve Phase II ESA~~

RECEIVING LABORATORY:

MicroTest Laboratories, Inc.
3110 Gold Canal Dr, Ste A
Rancho Cordova, CA 95670
Phone : (916) 567-9808
Fax: (916) 404-0302

Analysis	TAT	Due	Expires	Laboratory ID	Sample Date	Received	Matrix
Asbestos-Soil SUB	5	10/07/25 15:00	03/28/26 08:30	2511400-51	09/29/25 08:30	09/29/25 12:31	Soil

Client sample ID: SP1

~~Sample~~
CARB 435 A

Laboratory sample ID: 2511400-51

Please use client sample ID on all reports

Containers Supplied:

4 oz. jar (A)

Asbestos-Soil SUB	5	10/07/25 15:00	03/28/26 08:30	2511400-52	09/29/25 08:30	09/29/25 12:31	Soil
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Client sample ID: SP1D

~~Sample~~
CARB 435 A

Laboratory sample ID: 2511400-52

Please use client sample ID on all reports

Containers Supplied:

4 oz. jar (A)

Asbestos-Soil SUB	5	10/07/25 15:00	03/28/26 08:31	2511400-53	09/29/25 08:31	09/29/25 12:31	Soil
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Client sample ID: SP2

~~Sample~~
CARB 435 A

Laboratory sample ID: 2511400-53

Please use client sample ID on all reports

Containers Supplied:

4 oz. jar (A)

A.N

09/30/25




9/30/25 1245

Relinquished By

Date

Received By

Date


Relinquished By

Date

Received By

Date

Shipped By

Airbill Number

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SUBCONTRACT ORDER

25I1400

Project ID: 72533

Client: CLS

Received Date: 09/30/25

Count: 9 TAT: 5 Day

Analysis	TAT	Due	Expires	Laboratory ID	Sample Date	Received	Matrix
Asbestos-Soil SUB	5	10/07/25 15:00	03/28/26 08:34	25I1400-54	09/29/25 08:34	09/29/25 12:31	Soil

Client sample ID: SP3

Laboratory sample ID: 25I1400-54

Please use client sample ID on all reports

~~Sampler~~
CARB 435 A

Containers Supplied:

4 oz. jar (A)

Asbestos-Soil SUB	5	10/07/25 15:00	03/28/26 08:36	25I1400-55	09/29/25 08:36	09/29/25 12:31	Soil
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Client sample ID: SP4

Laboratory sample ID: 25I1400-55

Please use client sample ID on all reports

~~Sampler~~
CARB 435 A

Containers Supplied:

4 oz. jar (A)

Asbestos-Soil SUB	5	10/07/25 15:00	03/28/26 08:38	25I1400-56	09/29/25 08:38	09/29/25 12:31	Soil
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Client sample ID: SP5

Laboratory sample ID: 25I1400-56

Please use client sample ID on all reports

~~Sampler~~
CARB 435 A

Containers Supplied:

4 oz. jar (A)

Asbestos-Soil SUB	5	10/07/25 15:00	03/28/26 08:41	25I1400-57	09/29/25 08:41	09/29/25 12:31	Soil
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Client sample ID: SP6

Laboratory sample ID: 25I1400-57

Please use client sample ID on all reports

~~Sampler~~
CARB 435 A

Containers Supplied:

4 oz. jar (A)

Relinquished By	AN	09/30/25		Received By		9/30/25	1245
Relinquished By		9/30/25	1300	Received By	mtol ee Emma Creeper	9/30/25	1:00pm
Shipped By	CLS			Airbill Number			

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SUBCONTRACT ORDER

25I1400

Project ID: 72533

Client: CLS

Received Date: 09/30/25

Count: 9 TAT: 5 Day

Analysis	TAT	Due	Expires	Laboratory ID	Sample Date	Received	Matrix
Asbestos-Soil SUB	5	10/07/25 15:00	03/28/26 08:46	25I1400-58	09/29/25 08:46	09/29/25 12:31	Soil

Client sample ID: SP7

Laboratory sample ID: 25I1400-58

Please use client sample ID on all reports

~~Sample:~~
CARB 435 A

Containers Supplied:

4 oz. jar (A)

Asbestos-Soil SUB	5	10/07/25 15:00	03/28/26 08:49	25I1400-59	09/29/25 08:49	09/29/25 12:31	Soil
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Client sample ID: SP8

Laboratory sample ID: 25I1400-59

Please use client sample ID on all reports

~~Sample:~~
CARB 435 A

Containers Supplied:

4 oz. jar (A)

Relinquished By	A.N	09/30/25	Received By	9/30/25	1245
		Date		Date	
Relinquished By		9/30/25 1300	Received By	9/30/25	1:00pm
		Date		Date	
Shipped By	CLS		Airbill Number		

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