



PHASE II ENVIRONMENTAL SITE ASSESSMENT

**LUTHER ROAD PROPERTY
0 LUTHER ROAD
AUBURN, CA 95603**

Project Number 2021-11-037

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- Analytical Results

Chad Hazelrigg
21583 Wilgen Road
Escondido, CA 92029
(760) 532-9205
Chadhazelrigg@gmail.com

Subject: Phase II Environmental Site Assessment for
Luther Road Property
0 Luther Road
Auburn, CA 95603
APN(S): 053-104-002-000 & 053-104-003-000

1. INTRODUCTION

As requested, Enviro Assessment, PC (Enviro Assessment) has prepared a Phase II Environmental Site Assessment (ESA) for 0 Luther Road, Auburn, CA 95603 . The Property is identified by its APN(s) as 053-104-002-000 & 053-104-003-000. For the purpose of this report, the term “Property” shall refer to either one parcel or multiple parcels. The purpose of the Phase II was to evaluate the soil of the Property for impacts from Organochlorine Pesticides (OCPs). The Previous Phase I stated: *“This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the Property, with the exception of the likely release of OCPs onto the Property due to a release via spray drift and volatilization from application of said contaminants to surrounding orchards for at least 20 years.”*

Site History

According to the previous Phase I dated November 9, 2021, based on the aerial photos and topographic maps, in addition to information obtained while conducting interviews, the Property was developed with a rural residential structure and at least one outbuilding on the eastern portion, with a small orchard of approximately 20 trees, to the east of the structures sometime prior to 1944. By 1975, the original structures and orchard were removed, and two structures were developed where the small orchard previously stood. By 1993, a narrow structure was developed or installed to the west of the other structures, and an unimproved access drive and cleared area were developed

on the southern and southeastern portions, respectively. By 2003, the narrow structure was removed, and by 2006 all structures were removed. By 2011 the unimproved access drive and cleared area on the southern and southeastern portions underwent minor re-grading. Historical use of the site includes, but is not limited to, a rural residence with a small orchard of approximately 20 trees on the eastern portion.

2. TOPOGRAPHY AND HYDROLOGY

Topography

According to the most recent USGS Topographic maps covering the Property and vicinity, the Property is relatively flat with a slight slope to the south and lies at approximately 1592 feet above mean sea-level.

Groundwater

Historical records retrieved from nearby monitoring wells identified water at approximately 5 to 10 feet below ground surface¹. Actual groundwater was not encountered due to the shallow nature of the investigation.

3. SOILS AND GEOLOGY

Soils

The soils of the Property are reported by the USDA as Placer County, California Western Part (CA620) as Auburn-Argonaut complex, 0 to 15 percent slopes and Xerorthents, cut and fill areas and represented with the map unity 115 and 196 respectively². Soils encountered at the site are represented in the Plates located in the Appendix.

¹ <https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/>

² <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>

Geology

According to the Geological Map of California, the Property is located within the Jtrv: Jura-Trias Metavolcanic Rocks. These rocks are Jurassic to Triassic age Metamorphosed volcanic rocks.”³

4. PHASE II ENVIRONMENTAL SITE ASSESSMENT**Pre-field Activities**

- Prior to start of work, a brief "tailgate safety meeting" was conducted to inform the field crew of anticipated hazards and the emergency action plan for the site.

Sampling Strategy and Locations

This investigation is intended as a screening-level tool to determine whether organochloro pesticides (OCPs) impact the Property at the specific portions discussed below:

- The sampling schedule will follow the basic DTSC guidelines for historical Orchard soil Sampling. Samples will be collected at a total of 4 locations at a depth of at least up to 6 inches.

Please refer to Plate A5 for the sample location map.

Please see the Tables 1 below for laboratory results.

Sample Collection Methods

The sampling event occurred on December 7, 2021. Four (4) shallow boreholes were advanced onsite. The boreholes were advanced with a hand trowel to depths up to 6 inches below the ground surface. In each borehole, soil samples were collected by the environmental professional. Samples were collected from the desired strata and placed into containers, capped, and labeled. All samples were observed for contamination. The selected samples were immediately placed on ice and

³ https://ngmdb.usgs.gov/Prodesc/proddesc_520.htm

transported under chain of custody to McCampbell Analytical Inc. in Pittsburg CA for final analysis.

All soil samples were analyzed for OCPs and Arsenic.

Quality assurance and quality control (QA/QC) samples (i.e., field blanks, trip blanks, laboratory blanks) were not used during this project.

Laboratory Results

The tables below present the laboratory results as reported by McCampbell Analytical Inc. in Pittsburg CA. Complete laboratory results are attached. The Regional Screening Levels were reviewed for each chemical for soil being used for residential purposes. Screening Levels provide a risk-based determination of environmental concerns on a potentially contaminated property. The samples are summarized in the following tables.

Table 1. Soil Analytical Results for OCPs

<i>Chemical</i>	<i>S1 (mg/kg)</i>	<i>S2 (mg/kg)</i>	<i>C1,2,3 (mg/kg)</i>	<i>D-1 (mg/kg)</i>	<i>Tier 1 ESLs (mg/kg) Soil</i>
Aldrin	ND	ND	ND	ND	1900
A-BHC	ND	ND	ND	ND	0.33
B-BHC	ND	ND	ND	ND	0.0011
D-BHC	ND	ND	ND	ND	
G-BHC	ND	ND	ND	ND	
Chlordane (Technical)	ND	ND	ND	ND	
a-Chlordane	ND	ND	ND	ND	
g-Chlordane	ND	ND	ND	ND	
P,p-DDD	ND	0.0017	ND	ND	2.7
P,p-DDE	0.012	0.022	0.0031	0.031	0.33
P,p-DDT	0.0027	0.0079	0.0035	0.027	0.0011
Dieldrin	ND	ND	ND	0.017	0.00046
Endosulfan I	ND	ND	ND	ND	
Endosulfan II	ND	ND	ND	ND	
Endosulfan Sulfate	ND	ND	ND	ND	

<i>Chemical</i>	<i>S1 (mg/kg)</i>	<i>S2 (mg/kg)</i>	<i>C1,2,3 (mg/kg)</i>	<i>D-1 (mg/kg)</i>	<i>Tier 1 ESLs (mg/kg) Soil</i>
Endrin	ND	ND	ND	ND	
Endrin aldehyde	ND	ND	ND	ND	
Endrin Ketone	ND	ND	ND	ND	
Heptachlor	ND	ND	ND	ND	
Heptachlor epoxide	ND	ND	ND	ND	
Hexachlorobenzene	ND	ND	ND	ND	
Hexachlorocyclopentadiene	ND	ND	ND	ND	
Methoxychlor	ND	ND	ND	ND	
Toxaphene	ND	ND	ND	ND	

Table 2. Soil Analytical Results for Arsenic

<i>Chemical</i>	<i>S1 (mg/kg)</i>	<i>S2 (mg/kg)</i>	<i>S3 (mg/kg)</i>	<i>S4 (mg/kg)</i>	<i>Tier 1 ESLs (mg/kg)</i>
Arsenic	8.0	7.7	6.6	5.8	0.067

5. TIER 1 EVALUATION

Tier 1 evaluation levels are utilized in a Phase II Assessment in order to screen sites for possible contamination. The Regional Water Quality Control Board Issues Tier 1 general screening levels for specific chemicals of concern. The latest update to this list is the 2019.

The Soils indicated low level (below Tier 1) or no detectable impacts from organochlorine pesticides with the exception of DDT and Dieldrin.

Arsenic (S-1, S-2, S-3) was detected in excess of the Tier 1 Level.

A screenshot of the Regional Water Quality Control Boards ESL Spreadsheet is located below for DDT, DDE and DDD.



Environmental Screening Levels
San Francisco Bay Regional Water Quality Control Board



Tier 1 ESLs¹ 2019 (Rev. 2) Based on a generic conceptual site model designed for use at most sites ²					
Chemicals	CAS No.	Groundwater (µg/L)	Soil (mg/kg)	Subslab / Soil Gas (µg/m ³)	Indoor Air (µg/m ³)
DDD	72-54-8	8.4E-04	2.7E+00	--	--
DDE	72-55-9	5.9E-04	3.3E-01	9.6E-01	2.9E-02
DDT	50-29-3	5.9E-04	1.1E-03	--	--

6. BACKGROUND LEVELS EVALUATION

Arsenic was detected in all samples above the 2019 Regional Screening Levels. However, a report commissioned by the U.S. Department of Energy and conducted by the Lawrence Berkeley National Laboratory at the University of California⁴ states that the 95th percentile background level for Northern California is between 14 and 17 mg/kg. As such, the levels detected are well within normal background levels for the area and are not anticipated to impact human health at this time.

7. TIER 2 EVALUATION

Since DDT and Dieldrin are above the Tier 1 levels set by the State of California, a Tier 2 evaluation is warranted for chemicals of concern. The Tier 2 evaluation takes into consideration land use, vegetation levels, groundwater use, where the area discharges to and depth of contamination. For this evaluation we used the following criteria:

- The site is considered a Residential Land use.
- The site has minimal vegetation levels.
- All groundwater in California is a direct water resource.
- The watershed the site is located in discharges surface water to both salt water and fresh water
- OCP contamination is typically only located in surface soils, therefore shallow depth of soil is utilized.

⁴ https://digital.library.unt.edu/ark:/67531/metadc925836/m2/1/high_res_d/951960.pdf

The results of the Tier 2 evaluation indicate that the Tier 2 ESL levels for DDT at the site is set at the 1.9 mg/kg (1.9E+00mg/kg) concentration level. See The Regional Board Tier 2 Evaluation Spreadsheet results below. Specifically under Contaminant 1 under Soil the ESL is 1.9E+00 and the basis is Direct Exposure.

2019 (Rev. 2)	Table T2-1: Tier 2 ESLs Site-Specific Input and Output Click in cell and use pull-down boxes to make selection.			
Tier 2 Scenario Toggles				
Land Use:	Residential			
Vegetation Level:	Minimal			
Groundwater Use:	Drinking Water Resource			
MCL Priority over Risk-Based:	Yes			
Discharge to Surface Water:	Saltwater & Freshwater			
Soil Contamination Depth: (Shallow ≤ 10ft bgs < Deep)	Shallow Soil			

Select Site Contaminants:		Contaminant 1		Contaminant 2		Contaminant 3		Contaminant 4		Contaminant 5	
		DDT		Dieldrin		DDE		DDD		Petroleum - Gasoline	

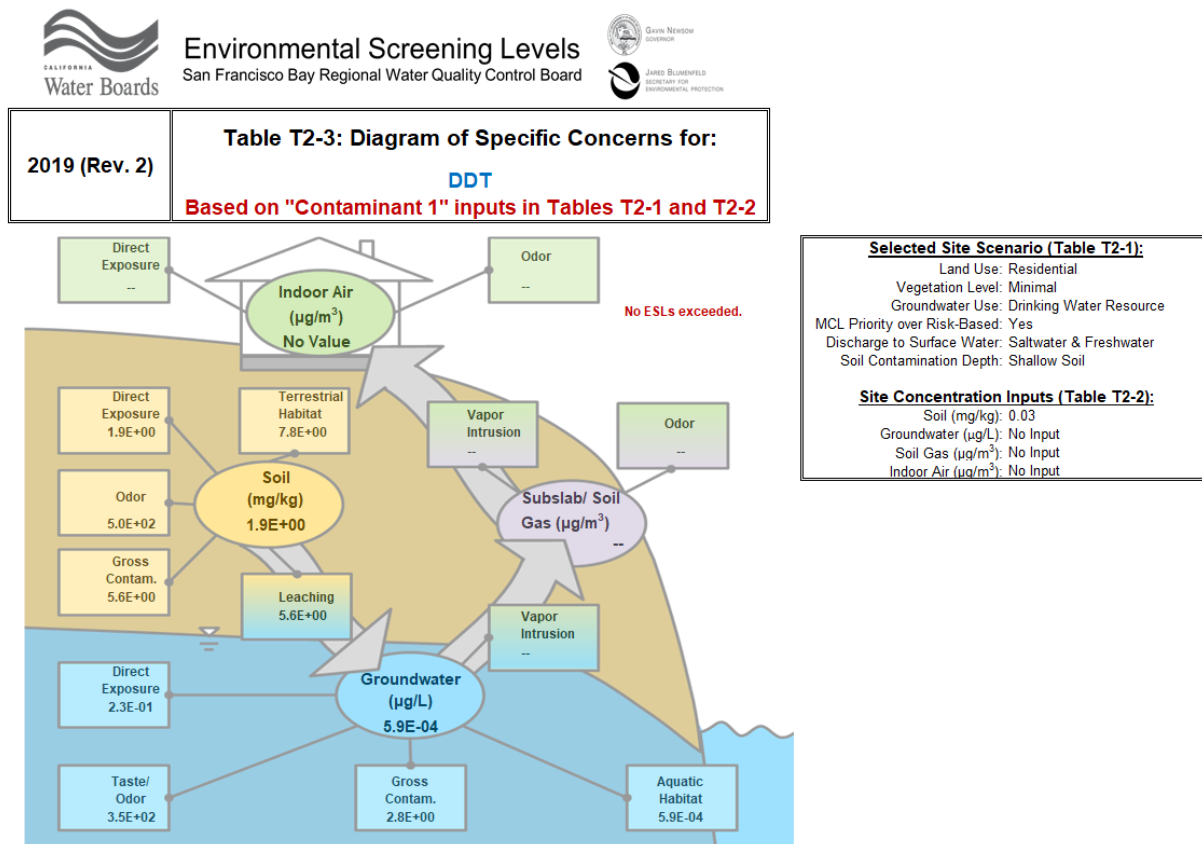
Tier 2 ESLs:	ESL	Basis	ESL	Basis	ESL	Basis	ESL	Basis	ESL	Basis
	Soil (mg/kg):	1.9E+00	Dir Exp	4.6E-04	Leaching	6.5E-01	Terr Habitat	2.7E+00	Dir Exp	1.0E+02
Groundwater (µg/L):	5.9E-04	Aquatic Habitat	1.4E-04	Aquatic Habitat	5.9E-04	Aquatic Habitat	8.4E-04	Aquatic Habitat	1.0E+02	Odor/Nuis
Subslab/ Soil Gas (µg/m³):	No Value	--	2.0E-02	VI HHR	9.6E-01	VI HHR	No Value	--	3.3E+03	VI Odor/Nuis
Indoor Air (µg/m³):	No Value	--	6.1E-04	Dir Exp	2.9E-02	Dir Exp	No Value	--	1.0E+02	Odor/Nuis

A closer look at the data indicates that the low limit is due to the Direct Exposure levels set by California. A description of direct exposure is defined by the California Regional Water Quality Control Board in 2007 (*Screening For Environmental Concerns at Sites with Contaminated Soil and Groundwater, Regional Water Quality Control Board, Interim November 2007*) as the following:

A residential receptor is assumed to be a long-term receptor occupying a dwelling within the site boundaries 24 hours per day, and is assumed to live at the site for 30 years (representing the 90th percentile of the length of time someone lives in a single location), for 350 days per year. Exposure to soil is expected to occur during home maintenance activities, yard work and landscaping, and outdoor play activities. Contaminant intake is assumed to occur via three exposure pathways – direct ingestion, dermal absorption, and inhalation of volatiles and fugitive dusts. For the residential scenario, both adult and child receptors were evaluated because children often exhibit behavior (e.g., greater hand-to-mouth contact) that can result in greater exposure to soils than those associated with a typical adult. In addition, children also have a lower overall body weight relative to the predicted intake.

CONCLUSIONS AND RECOMMENDATIONS

The Phase II Environmental Site Assessment results indicate that DDD, DDE and DDT and Dieldrin are present at the subject property. Based on the Tier 1 screening levels, DDT and Dieldrin are elevated above the State of California allowable screening level criteria on the property. After further evaluation, the limiting factor in this Tier 1 evaluation is the terrestrial ecology limits. Therefore, A Tier 2 Evaluation was conducted. Based on the criteria utilized for the subject property, the results indicate that no ESLs were exceeded in the any of the four sub soil categories. An illustration of the calculation is provided below (Note the illustration is for DDT and no ESLs were exceeded in the evaluation).



Based on the results of this Tier 2 Evaluation, the chemicals of concern (OCPs) are not elevated above the Tier 2 Site Specific levels identified in this evaluation. Therefore, the Phase II Environmental Site Assessment results indicate that no further action is required under this evaluation.

8. SUMMARY AND OPINION

The Property is located on the northwest corner of Luther Road and Bowman Road. The Property is identified by its APN(s) as 053-104-002-000 & 053-104-003-000. The purpose of the Phase II was to evaluate the soil of the Property for impacts from Organochlorine Pesticides (OCPs) from the adjoining properties' historical agricultural use and the possible spray over that occurs from application.

Arsenic was identified above the Tier 1 levels however they are within normal background levels for the area.

DDE and DDD was detected in the soil samples analyzed but below the Tier 1 levels and is not a concern.

DDT and Dieldrin, were detected at elevated levels (above Tier 1 levels) in one or more of the soil samples analyzed. This is typical for sites that have had historic orchard uses. Enviro Assessment, PC performed a Tier 2 evaluation as part of this site investigation. The Tier 2 evaluation includes evaluating possible pathways which could be excluded from the analysis (i.e. depth to groundwater, type of property use, etc.). The Tier 2 evaluation identify DDT and Dieldrin as being below the Tier 2 limits.

9. CONCLUSIONS AND RECOMMENDATIONS

Based on the Results discussed above, no additional Phase II Environmental Investigation into the impacts to the property from OCPs and Metals are recommended at this time.

Special Terms and Conditions

We have been authorized by Chad Hazelrigg, to perform a Phase II Environmental Site Assessment (ESA) of the Property. It is our understanding that Chad Hazelrigg will use the information contained in this report for due to a bank/loan requirement. Without prior written consent of the client, Enviro Assess will keep confidential and not disclose to any person or entity, and data or information provided by the client or generated in conjunction with the performance of this study, except when required by law. Provisions of confidentiality shall not apply to data or information obtained from the public domain or acquired from third parties not under obligation to the client to maintain confidentiality.

User Reliance

This report was prepared for the exclusive use of Chad Hazelrigg. No other person or entity is entitled to rely upon this report without the specific written authorization of Enviro Assess. Such reliance is subject to the same limitations, terms, and conditions as the original contract with the client. Enviro Assess specifically disclaims any responsibility for any unauthorized use of this report.

Limitations

Our professional services were performed, our findings obtained, and our conclusions proposed in accordance with generally accepted principles and practices. This warranty is in lieu of all other warranties either expressed or implied. Test findings and statements of professional opinion do not constitute a guarantee or warranty, expressed or implied.

Opinions provided herein apply to the currently available data, and existing and reasonably foreseeable conditions at the time of this investigation. They cannot apply to changes in site conditions of which this office is unaware or has not had the opportunity to evaluate. Soil samples are collected from a small “representative area of soil”, these samples are assumed to represent the chemical makeup of the general area, and as such there may be variations in adjacent soils. To further reduce the clients’ liabilities, additional samples may be collected and analyzed to lower the possibility of generalizing the conditions and/or not locating an area of impacted soils at the site. Changes in conditions at the Property may occur with time due to natural processes or works

of man on the Property or adjoining properties. Specifically, the Property is still under active use and chemicals may be applied to the Property between the date of this report and Property redevelopment.

Changes in applicable standards may also occur as a result of legislation or broadening of knowledge. Accordingly, findings of this report may be invalidated, wholly or in part, by changes beyond our control.

10. PROFESSIONAL SIGNATURE

We declare that to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property.

It has been a pleasure to be of service. If any questions arise, please contact our office.

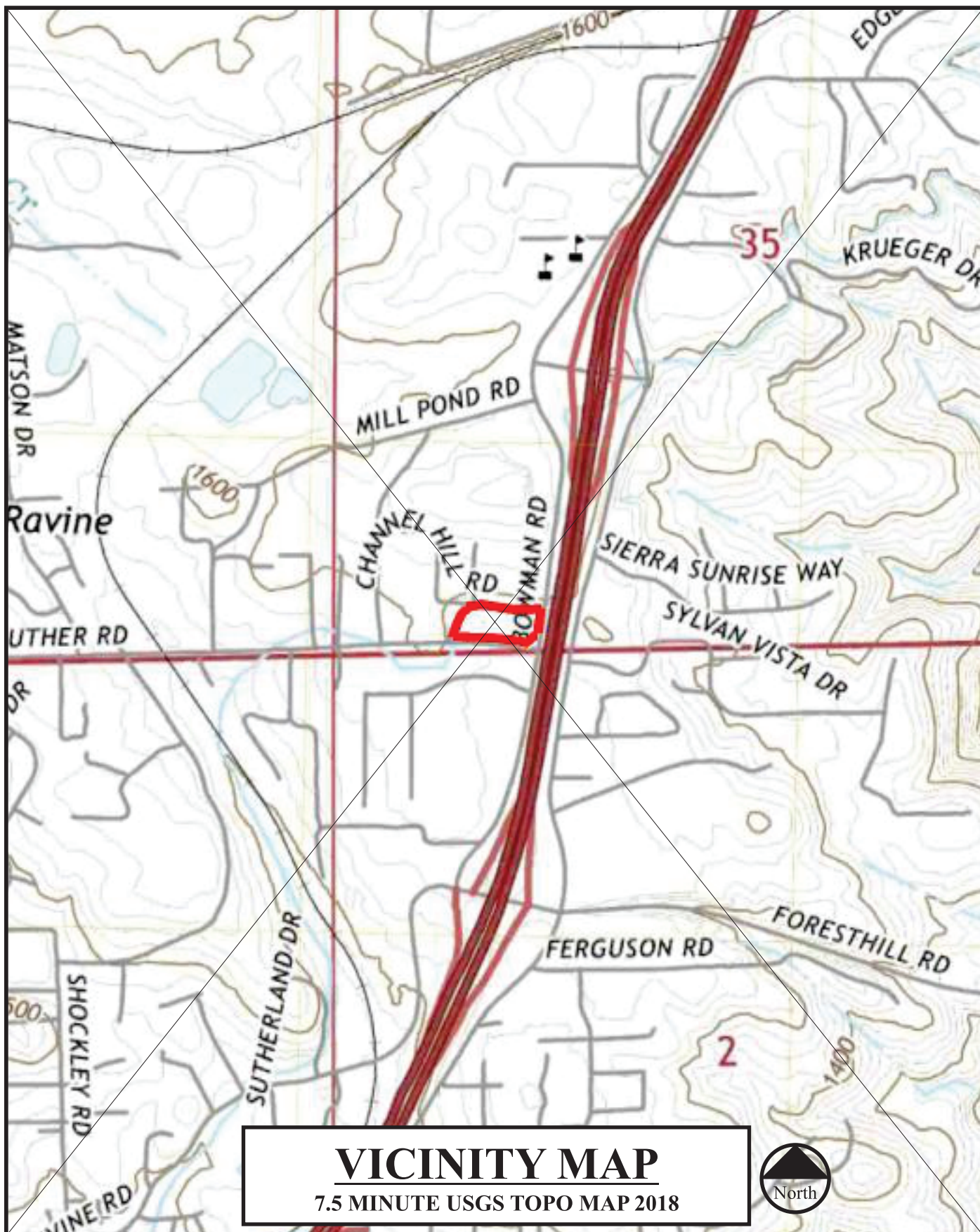
Sincerely,

ENVIRO ASSESSMENT, PC



James D. Robinson
Signed on December 15, 2021
Professional Geologist





VICINITY MAP

7.5 MINUTE USGS TOPO MAP 2018

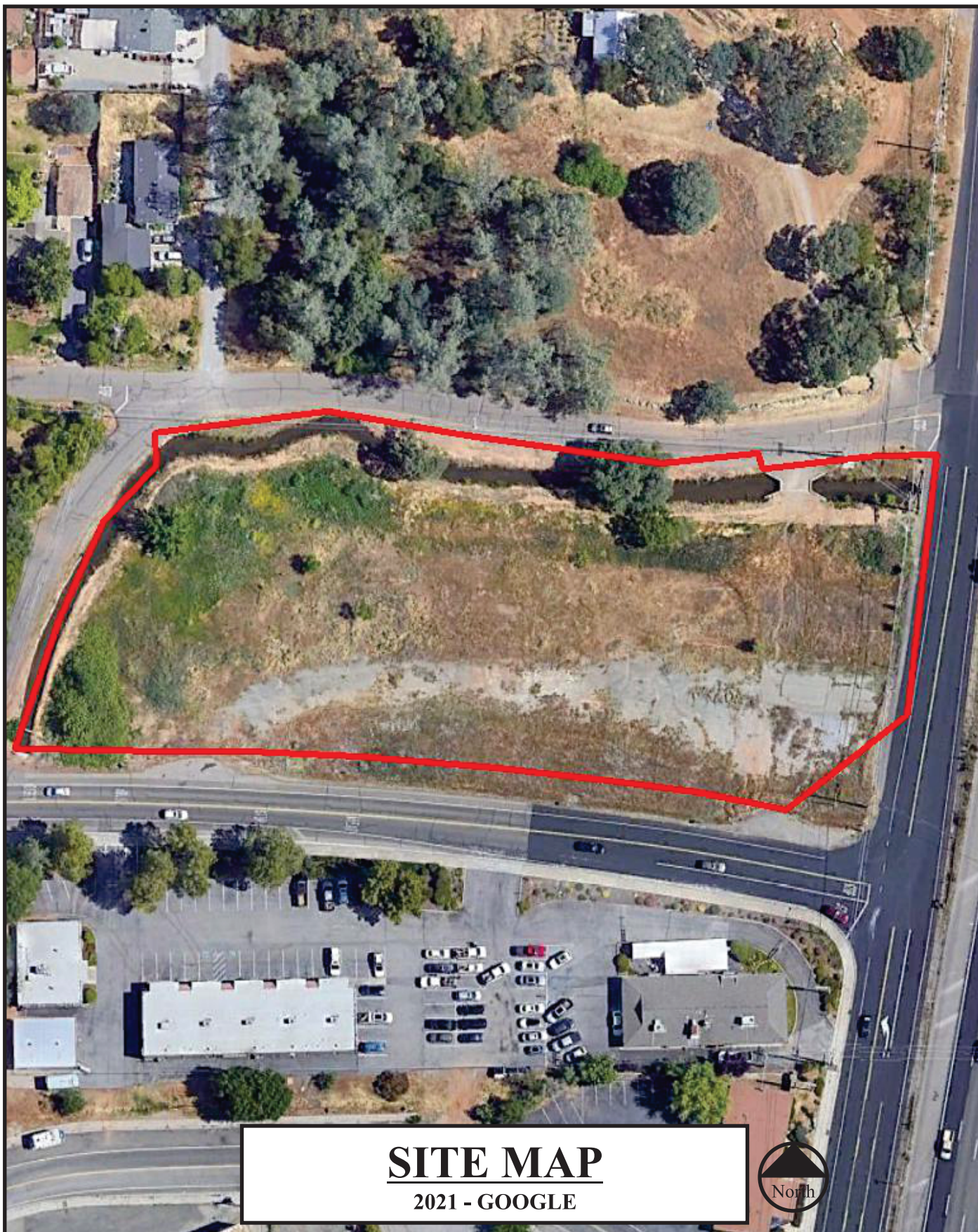


2021-11-037
December 9, 2021
PLATE: A1

PHASE II ENVIRONMENTAL SITE ASSESSMENT
LUTHER ROAD PROPERTY
0 Luther Road
Auburn, CA 95603

ENVIRO
ASSESSMENT, PC
Environmental • Hydro • Geology

PHONE (844) 742-7311 FAX (877) 623-5493



SITE MAP

2021 - GOOGLE

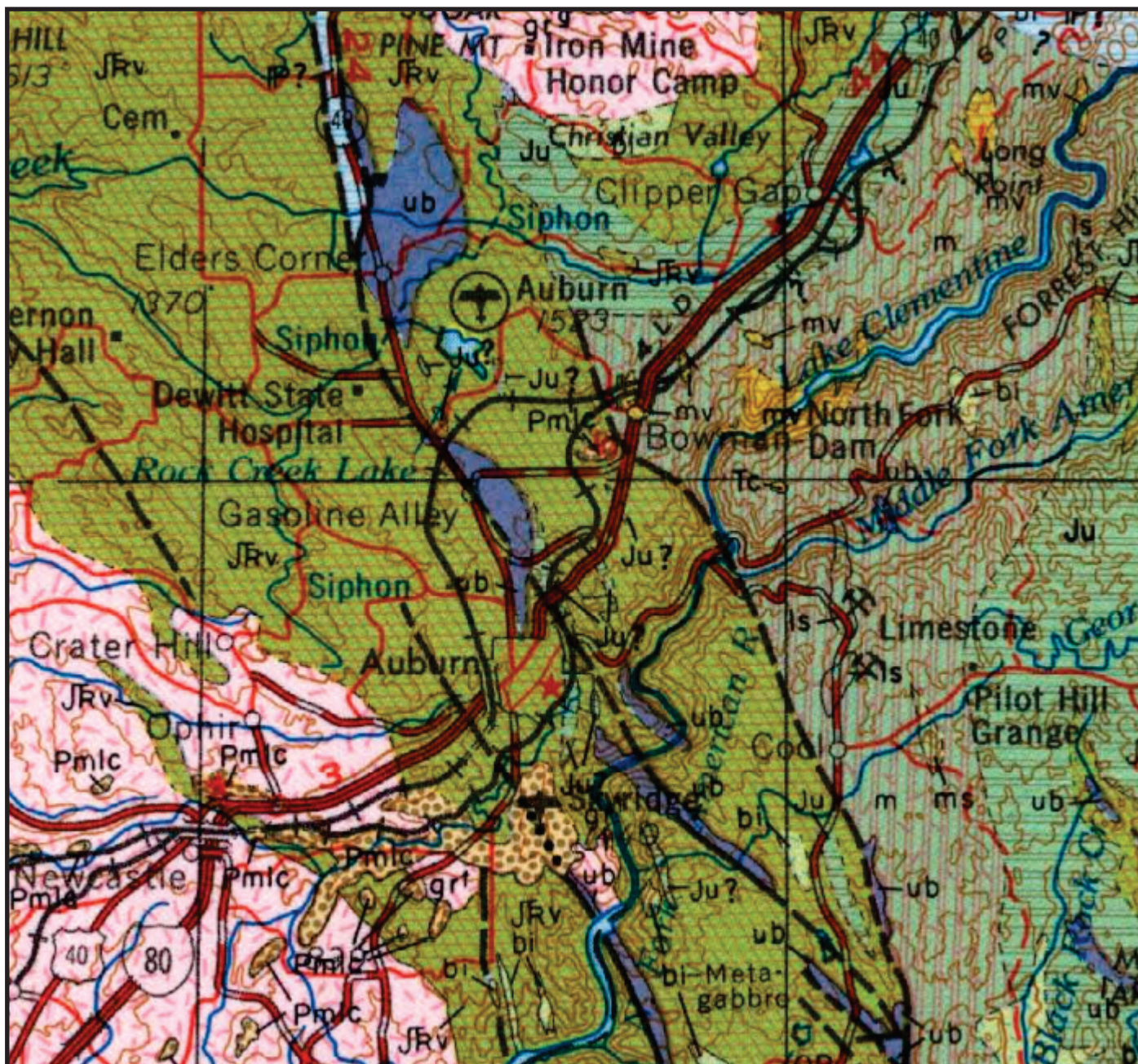


2021-11-037
December 9, 2021
PLATE: A2

PHASE II ENVIRONMENTAL SITE ASSESSMENT
LUTHER ROAD PROPERTY
0 Luther Road
Auburn, CA 95603

ENVIRO
ASSESSMENT, PC
Environmental • Hydro • Geology

PHONE (844) 742-7311 FAX (877) 623-5493



Site specific labeled Rock type as JTrv.

Jtrv: Jura-Trias Metavolcanic rocks.

These rocks are Jurassic to Triassic age Metamorphosed volcanic rocks.

GEOLOGICAL MAP

Chino 1965



2021-11-037

December 9, 2021

PLATE: A3

PHASE II ENVIRONMENTAL SITE ASSESSMENT

LUTHER ROAD PROPERTY

0 Luther Road

Auburn, CA 95603

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ASSESSMENT, PC

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PHONE (844) 742-7311 FAX (877) 623-5493



Placer County, California Western Part (Ca620)

Map unit	Map unit name	Acres in AOI	Percent of AOI
115	Auburn-Argonaut complex, 2 to 15 percent slopes	2.6 AOI	95.5%
196	Xerorthents, cut and fill areas	0.1 AOI	4.5%

SOIL MAP

NO SCALE



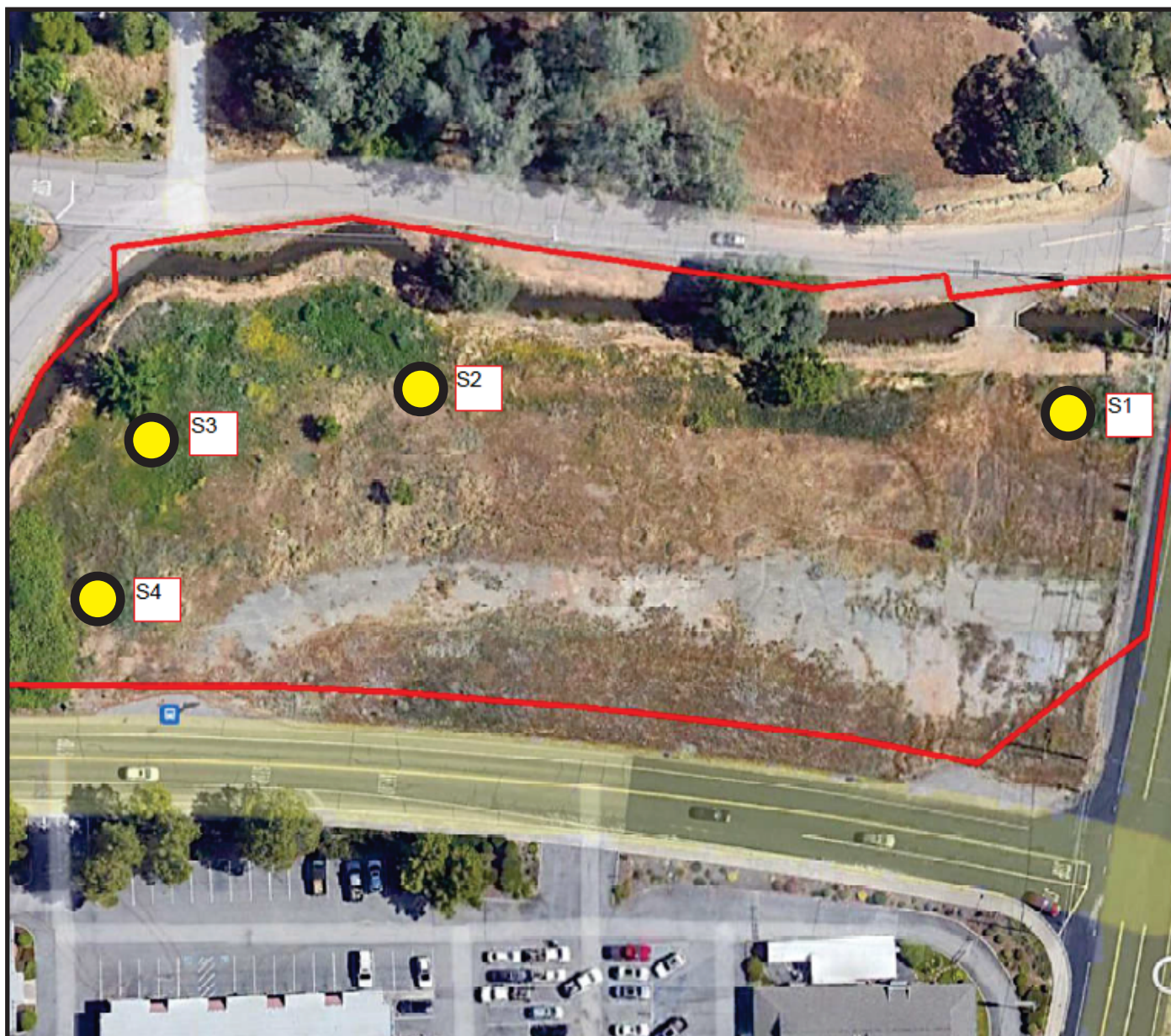
2021-11-037

December 9, 2021
PLATE: A4

PHASE II ENVIRONMENTAL SITE ASSESSMENT
LUTHER ROAD PROPERTY
0 Luther Road
Auburn, CA 95603

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PHONE (844) 742-7311 FAX (877) 623-5493



Samples take 4" to 6" in depth,
Sandy silty clay, slightly moist, loose.

GENERAL BOREHOLE LOCATION

2021 - GOOGLE



2021-11-037
December 9, 2021
PLATE: A5

PHASE II ENVIRONMENTAL SITE ASSESSMENT
LUTHER ROAD PROPERTY
0 Luther Road
Auburn, CA 95603

ENVIRO
ASSESSMENT, PC
Environmental • Hydro • Geology

PHONE (844) 742-7311 FAX (877) 623-5493



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2112433

Report Created for: Enviro Assessment PC

PO Box 1154
Bonners Ferry, ID 83805

Project Contact: Steven Robinson

Project P.O.:

Project: Auburn

Project Received: 12/08/2021

Analytical Report reviewed & approved for release on 12/14/2021 by:

Yen Cao
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.





Glossary of Terms & Qualifier Definitions

Client: Enviro Assessment PC

WorkOrder: 2112433

Project: Auburn

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Enviro Assessment PC

WorkOrder: 2112433

Project: Auburn

Analytical Qualifiers

P Agreement between quantitative confirmation results exceed method recommended limits.
a3 Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.

Quality Control Qualifiers

F1 MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.
F3 The surrogate standard recovery and/or RPD is outside of acceptance limits.



Analytical Report

Client: Enviro Assessment PC
Date Received: 12/08/2021 12:55
Date Prepared: 12/08/2021
Project: Auburn

WorkOrder: 2112433
Extraction Method: SW3550B
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-A & S1-B	2112433-001A	Soil	12/07/2021 12:31	GC23 12092155.d	235147

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	1	12/09/2021 23:29
a-BHC	ND	0.0010	1	12/09/2021 23:29
b-BHC	ND	0.0010	1	12/09/2021 23:29
d-BHC	ND	0.0010	1	12/09/2021 23:29
g-BHC	ND	0.0010	1	12/09/2021 23:29
Chlordane (Technical)	ND	0.025	1	12/09/2021 23:29
a-Chlordane	ND	0.0010	1	12/09/2021 23:29
g-Chlordane	ND	0.0010	1	12/09/2021 23:29
p,p-DDD	ND	0.0010	1	12/09/2021 23:29
p,p-DDE	0.012	0.0010	1	12/09/2021 23:29
p,p-DDT	0.0027	0.0010	1	12/09/2021 23:29
Dieldrin	ND	0.0010	1	12/09/2021 23:29
Endosulfan I	ND	0.0010	1	12/09/2021 23:29
Endosulfan II	ND	0.0010	1	12/09/2021 23:29
Endosulfan sulfate	ND	0.0010	1	12/09/2021 23:29
Endrin	ND	0.0010	1	12/09/2021 23:29
Endrin aldehyde	ND	0.0010	1	12/09/2021 23:29
Endrin ketone	ND	0.0010	1	12/09/2021 23:29
Heptachlor	ND	0.0010	1	12/09/2021 23:29
Heptachlor epoxide	ND	0.0010	1	12/09/2021 23:29
Hexachlorobenzene	ND	0.010	1	12/09/2021 23:29
Hexachlorocyclopentadiene	ND	0.020	1	12/09/2021 23:29
Methoxychlor	ND	0.0010	1	12/09/2021 23:29
Toxaphene	ND	0.050	1	12/09/2021 23:29

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	130	60-130	12/09/2021 23:29

Analyst(s): KVE

(Cont.)



Analytical Report

Client: Enviro Assessment PC
Date Received: 12/08/2021 12:55
Date Prepared: 12/08/2021
Project: Auburn

WorkOrder: 2112433
Extraction Method: SW3550B
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-A & S2-B	2112433-002A	Soil	12/07/2021 12:41	GC23 12092154.d	235147
<u>Analytes</u>	<u>Result</u>		<u>RL</u> <u>DF</u>		<u>Date Analyzed</u>
Aldrin	ND		0.0010 1		12/09/2021 23:13
a-BHC	ND		0.0010 1		12/09/2021 23:13
b-BHC	ND		0.0010 1		12/09/2021 23:13
d-BHC	ND		0.0010 1		12/09/2021 23:13
g-BHC	ND		0.0010 1		12/09/2021 23:13
Chlordane (Technical)	ND		0.025 1		12/09/2021 23:13
a-Chlordane	ND		0.0010 1		12/09/2021 23:13
g-Chlordane	ND		0.0010 1		12/09/2021 23:13
p,p-DDD	0.0017		0.0010 1		12/09/2021 23:13
p,p-DDE	0.022		0.0010 1		12/09/2021 23:13
p,p-DDT	0.0079		0.0010 1		12/09/2021 23:13
Dieldrin	ND		0.0010 1		12/09/2021 23:13
Endosulfan I	ND		0.0010 1		12/09/2021 23:13
Endosulfan II	ND		0.0010 1		12/09/2021 23:13
Endosulfan sulfate	ND		0.0010 1		12/09/2021 23:13
Endrin	ND		0.0010 1		12/09/2021 23:13
Endrin aldehyde	ND		0.0010 1		12/09/2021 23:13
Endrin ketone	ND		0.0010 1		12/09/2021 23:13
Heptachlor	ND		0.0010 1		12/09/2021 23:13
Heptachlor epoxide	ND		0.0010 1		12/09/2021 23:13
Hexachlorobenzene	ND		0.010 1		12/09/2021 23:13
Hexachlorocyclopentadiene	ND		0.020 1		12/09/2021 23:13
Methoxychlor	ND		0.0010 1		12/09/2021 23:13
Toxaphene	ND		0.050 1		12/09/2021 23:13
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Decachlorobiphenyl	106		60-130		12/09/2021 23:13
<u>Analyst(s):</u> KVE					

(Cont.)



Analytical Report

Client: Enviro Assessment PC
Date Received: 12/08/2021 12:55
Date Prepared: 12/08/2021
Project: Auburn

WorkOrder: 2112433
Extraction Method: SW3550B
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-A & S3-B	2112433-003A	Soil	12/07/2021 12:46	GC23 12092153.d	235147
<u>Analytes</u>	<u>Result</u>		<u>RL</u> <u>DF</u>		<u>Date Analyzed</u>
Aldrin	ND		0.0010 1		12/09/2021 22:58
a-BHC	ND		0.0010 1		12/09/2021 22:58
b-BHC	ND		0.0010 1		12/09/2021 22:58
d-BHC	ND		0.0010 1		12/09/2021 22:58
g-BHC	ND		0.0010 1		12/09/2021 22:58
Chlordane (Technical)	ND		0.025 1		12/09/2021 22:58
a-Chlordane	ND		0.0010 1		12/09/2021 22:58
g-Chlordane	ND		0.0010 1		12/09/2021 22:58
p,p-DDD	ND		0.0010 1		12/09/2021 22:58
p,p-DDE	0.0031		0.0010 1		12/09/2021 22:58
p,p-DDT	0.0035		0.0010 1		12/09/2021 22:58
Dieldrin	ND		0.0010 1		12/09/2021 22:58
Endosulfan I	ND		0.0010 1		12/09/2021 22:58
Endosulfan II	ND		0.0010 1		12/09/2021 22:58
Endosulfan sulfate	ND		0.0010 1		12/09/2021 22:58
Endrin	ND		0.0010 1		12/09/2021 22:58
Endrin aldehyde	ND		0.0010 1		12/09/2021 22:58
Endrin ketone	ND		0.0010 1		12/09/2021 22:58
Heptachlor	ND		0.0010 1		12/09/2021 22:58
Heptachlor epoxide	ND		0.0010 1		12/09/2021 22:58
Hexachlorobenzene	ND		0.010 1		12/09/2021 22:58
Hexachlorocyclopentadiene	ND		0.020 1		12/09/2021 22:58
Methoxychlor	ND		0.0010 1		12/09/2021 22:58
Toxaphene	ND		0.050 1		12/09/2021 22:58
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Decachlorobiphenyl	99		60-130		12/09/2021 22:58
<u>Analyst(s):</u> KVE					

(Cont.)



Analytical Report

Client: Enviro Assessment PC
Date Received: 12/08/2021 12:55
Date Prepared: 12/08/2021
Project: Auburn

WorkOrder: 2112433
Extraction Method: SW3550B
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
S4-A & S4-B	2112433-004A	Soil	12/07/2021 12:51		GC23 12092152.d	235147
Analytes	Result	Qualifiers	RL	DF	Date Analyzed	
Aldrin	ND		0.010	10	12/09/2021 22:42	
a-BHC	ND		0.010	10	12/09/2021 22:42	
b-BHC	ND		0.010	10	12/09/2021 22:42	
d-BHC	ND		0.010	10	12/09/2021 22:42	
g-BHC	ND		0.010	10	12/09/2021 22:42	
Chlordane (Technical)	ND		0.25	10	12/09/2021 22:42	
a-Chlordane	ND		0.010	10	12/09/2021 22:42	
g-Chlordane	ND		0.010	10	12/09/2021 22:42	
p,p-DDD	ND		0.010	10	12/09/2021 22:42	
p,p-DDE	0.031		0.010	10	12/09/2021 22:42	
p,p-DDT	0.027		0.010	10	12/09/2021 22:42	
Dieldrin	0.017	P	0.010	10	12/09/2021 22:42	
Endosulfan I	ND		0.010	10	12/09/2021 22:42	
Endosulfan II	ND		0.010	10	12/09/2021 22:42	
Endosulfan sulfate	ND		0.010	10	12/09/2021 22:42	
Endrin	ND		0.010	10	12/09/2021 22:42	
Endrin aldehyde	ND		0.010	10	12/09/2021 22:42	
Endrin ketone	ND		0.010	10	12/09/2021 22:42	
Heptachlor	ND		0.010	10	12/09/2021 22:42	
Heptachlor epoxide	ND		0.010	10	12/09/2021 22:42	
Hexachlorobenzene	ND		0.10	10	12/09/2021 22:42	
Hexachlorocyclopentadiene	ND		0.20	10	12/09/2021 22:42	
Methoxychlor	ND		0.010	10	12/09/2021 22:42	
Toxaphene	ND		0.50	10	12/09/2021 22:42	
Surrogates	REC (%)		Limits			
Decachlorobiphenyl	101		60-130		12/09/2021 22:42	
Analyst(s): KVE			Analytical Comments: a3			



Analytical Report

Client: Enviro Assessment PC
Date Received: 12/08/2021 12:55
Date Prepared: 12/08/2021
Project: Auburn

WorkOrder: 2112433
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Arsenic

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S1-A & S1-B	2112433-001A	Soil	12/07/2021 12:31	ICP-MS4 139SMPL.d	235091

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Arsenic	8.0	0.50	1	12/09/2021 12:09

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	102	70-130	12/09/2021 12:09

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S2-A & S2-B	2112433-002A	Soil	12/07/2021 12:41	ICP-MS4 140SMPL.d	235091

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Arsenic	7.7	0.50	1	12/09/2021 12:13

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	102	70-130	12/09/2021 12:13

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S3-A & S3-B	2112433-003A	Soil	12/07/2021 12:46	ICP-MS4 141SMPL.d	235091

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Arsenic	6.6	0.50	1	12/09/2021 12:17

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	102	70-130	12/09/2021 12:17

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
S4-A & S4-B	2112433-004A	Soil	12/07/2021 12:51	ICP-MS4 142SMPL.d	235091

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Arsenic	5.8	0.50	1	12/09/2021 12:21

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	94	70-130	12/09/2021 12:21

Analyst(s): AL



Quality Control Report

Client: Enviro Assessment PC
Date Prepared: 12/08/2021
Date Analyzed: 12/09/2021
Instrument: GC23
Matrix: Soil
Project: Auburn

WorkOrder: 2112433
BatchID: 235147
Extraction Method: SW3550B
Analytical Method: SW8081A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-235147

QC Summary Report for SW8081A

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.000390	0.00100	-	-	-
a-BHC	ND	0.000490	0.00100	-	-	-
b-BHC	ND	0.000270	0.00100	-	-	-
d-BHC	ND	0.000330	0.00100	-	-	-
g-BHC	ND	0.000330	0.00100	-	-	-
Chlordane (Technical)	ND	0.0120	0.0250	-	-	-
a-Chlordane	ND	0.000430	0.00100	-	-	-
g-Chlordane	ND	0.000340	0.00100	-	-	-
p,p-DDD	ND	0.000410	0.00100	-	-	-
p,p-DDE	ND	0.000290	0.00100	-	-	-
p,p-DDT	ND	0.000390	0.00100	-	-	-
Dieldrin	ND	0.000380	0.00100	-	-	-
Endosulfan I	ND	0.000350	0.00100	-	-	-
Endosulfan II	ND	0.000330	0.00100	-	-	-
Endosulfan sulfate	ND	0.000400	0.00100	-	-	-
Endrin	ND	0.000380	0.00100	-	-	-
Endrin aldehyde	ND	0.000440	0.00100	-	-	-
Endrin ketone	ND	0.000290	0.00100	-	-	-
Heptachlor	ND	0.000300	0.00100	-	-	-
Heptachlor epoxide	ND	0.000300	0.00100	-	-	-
Hexachlorobenzene	ND	0.000700	0.0100	-	-	-
Hexachlorocyclopentadiene	ND	0.000520	0.0200	-	-	-
Methoxychlor	ND	0.000450	0.00100	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.0601			0.05	120	70-130



Quality Control Report

Client: Enviro Assessment PC
Date Prepared: 12/08/2021
Date Analyzed: 12/09/2021
Instrument: GC23
Matrix: Soil
Project: Auburn

WorkOrder: 2112433
BatchID: 235147
Extraction Method: SW3550B
Analytical Method: SW8081A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-235147

QC Summary Report for SW8081A

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.0471	0.0479	0.050	94	96	70-130	1.59	20
a-BHC	0.0597	0.0609	0.050	119	122	70-130	2.00	20
b-BHC	0.0501	0.0508	0.050	100	102	70-130	1.36	20
d-BHC	0.0474	0.0473	0.050	95	95	70-130	0.237	20
g-BHC	0.0576	0.0587	0.050	115	117	70-130	1.89	20
a-Chlordane	0.0462	0.0463	0.050	92	93	70-130	0.136	20
g-Chlordane	0.0507	0.0506	0.050	101	101	70-130	0.186	20
p,p-DDD	0.0498	0.0487	0.050	100	97	70-130	2.25	20
p,p-DDE	0.0515	0.0516	0.050	103	103	70-130	0.231	20
p,p-DDT	0.0514	0.0516	0.050	103	103	70-130	0.382	20
Dieldrin	0.0513	0.0516	0.050	103	103	70-130	0.572	20
Endosulfan I	0.0549	0.0553	0.050	110	111	70-130	0.667	20
Endosulfan II	0.0470	0.0466	0.050	94	93	70-130	0.886	20
Endosulfan sulfate	0.0470	0.0467	0.050	94	93	70-130	0.567	20
Endrin	0.0556	0.0559	0.050	111	112	70-130	0.689	20
Endrin aldehyde	0.0497	0.0493	0.050	99	99	70-130	0.798	20
Endrin ketone	0.0481	0.0476	0.050	96	95	70-130	0.933	20
Heptachlor	0.0635	0.0647	0.050	127	129	70-130	1.86	20
Heptachlor epoxide	0.0498	0.0499	0.050	100	100	70-130	0.255	20
Hexachlorobenzene	0.0479	0.0489	0.050	96	98	70-130	2.14	20
Hexachlorocyclopentadiene	0.0466	0.0494	0.050	93	99	50-130	5.89	20
Methoxychlor	0.0478	0.0481	0.050	96	96	70-130	0.543	20
Surrogate Recovery								
Decachlorobiphenyl	0.0641	0.0652	0.050	128	130	70-130	1.74	20



Quality Control Report

Client: Enviro Assessment PC
Date Prepared: 12/08/2021
Date Analyzed: 12/09/2021 - 12/10/2021
Instrument: GC23
Matrix: Soil
Project: Auburn

WorkOrder: 2112433
BatchID: 235147
Extraction Method: SW3550B
Analytical Method: SW8081A
Unit: mg/kg
Sample ID: 2112433-001AMS/MSD

QC Summary Report for SW8081A

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Aldrin	1	0.0483	0.0472	0.050	ND	97	94	60-130	2.39	20
a-BHC	1	0.0559	0.0563	0.050	ND	112	113	60-130	0.618	20
b-BHC	1	0.0480	0.0475	0.050	ND	96	95	60-130	1.11	20
d-BHC	1	0.0524	0.0530	0.050	ND	105	106	60-130	1.10	20
g-BHC	1	0.0488	0.0495	0.050	ND	98	99	60-130	1.28	20
a-Chlordane	1	0.0497	0.0488	0.050	ND	99	98	60-130	1.74	20
g-Chlordane	1	0.0523	0.0512	0.050	ND	105	102	60-130	2.06	20
p,p-DDD	1	0.0740	0.0738	0.050	ND	146,F1	146,F1	60-130	0.265	20
p,p-DDE	1	0.0655	0.0641	0.050	0.01164	106	103	60-130	2.13	20
p,p-DDT	1	0.0573	0.0536	0.050	0.002662	108	101	60-130	6.61	20
Dieldrin	1	0.0586	0.0586	0.050	ND	117	117	60-130	0.0546	20
Endosulfan I	1	0.0584	0.0587	0.050	ND	117	117	60-130	0.543	20
Endosulfan II	1	0.0595	0.0594	0.050	ND	119	119	60-130	0.0730	20
Endosulfan sulfate	1	0.0584	0.0588	0.050	ND	117	118	60-130	0.647	20
Endrin	1	0.0636	0.0636	0.050	ND	127	127	60-130	0.00236	20
Endrin aldehyde	1	0.0553	0.0547	0.050	ND	111	109	60-130	1.13	20
Endrin ketone	1	0.0581	0.0578	0.050	ND	116	116	60-130	0.434	20
Heptachlor	1	0.0646	0.0639	0.050	ND	129	128	60-130	1.09	30
Heptachlor epoxide	1	0.0540	0.0540	0.050	ND	108	108	60-130	0.0406	20
Hexachlorobenzene	1	0.0431	0.0424	0.050	ND	86	85	60-130	1.62	20
Hexachlorocyclopentadiene	1	0.0433	0.0392	0.050	ND	87	78	50-130	10.1	20
Methoxychlor	1	0.0701	0.0679	0.050	ND	140,F1	136,F1	60-130	3.16	20
Surrogate Recovery										
Decachlorobiphenyl	1	0.0669	0.0667	0.050		134,F3	133,F3	60-130	0.240	20



Quality Control Report

Client: Enviro Assessment PC
Date Prepared: 12/08/2021
Date Analyzed: 12/08/2021
Instrument: ICP-MS5
Matrix: Soil
Project: Auburn

WorkOrder: 2112433
BatchID: 235091
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg
Sample ID: MB/LCS/LCSD-235091

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Arsenic	ND	0.140	0.500	-	-	-
Surrogate Recovery						
Terbium	522			500	104	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Arsenic	49.1	49.4	50	98	99	75-125	0.576	20
Surrogate Recovery								
Terbium	539	537	500	108	107	70-130	0.341	20



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax

☐ CLIP

☐ EDF

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2112433

ClientCode: EAVS

☐ EQuIS

☐ Dry-Weight

☐ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

☐ Detection Summary

☐ Excel

Report to:

Steven Robinson
Enviro Assessment PC
PO Box 1154
Bonners Ferry, ID 83805
877-629-6838 FAX: 877-623-5493

Email: steven@enviroassess.com
cc/3rd Party:
PO:
Project: Auburn

Bill to:

James Robinson
Enviro Assess
PO Box 1154
Bonners Ferry, ID 83805
james@enviroassess.com; fabiola@envi

Requested TAT: 5 days;

Date Received: 12/08/2021

Date Logged: 12/08/2021

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2112433-001	S1-A & S1-B	Soil	12/7/2021 12:31	<input type="checkbox"/>	A	A	A									
2112433-002	S2-A & S2-B	Soil	12/7/2021 12:41	<input type="checkbox"/>	A	A	A									
2112433-003	S3-A & S3-B	Soil	12/7/2021 12:46	<input type="checkbox"/>	A	A	A									
2112433-004	S4-A & S4-B	Soil	12/7/2021 12:51	<input type="checkbox"/>	A	A	A									

Test Legend:

1	8081_S
5	
9	

2	ASMS_6020_TTLC_S
6	
10	

3	PRDisposal Fee
7	
11	

4	
8	
12	

Project Manager: Rosa Venegas

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: ENVIRO ASSESSMENT PC

Project: Auburn

Work Order: 2112433

Client Contact: Steven Robinson

QC Level: LEVEL 2

Contact's Email: steven@enviroassess.com

Comments

Date Logged: 12/8/2021

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☒ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	SubOut
001A	S1-A & S1-B	Soil	SW6020 (Arsenic)	2 / (2:1)	8OZ GJ, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	12/7/2021 12:31	5 days	12/15/2021		<input type="checkbox"/>	
			SW8081A (OC Pesticides)			<input type="checkbox"/>	<input type="checkbox"/>		5 days	12/15/2021		<input type="checkbox"/>	
002A	S2-A & S2-B	Soil	SW6020 (Arsenic)	2 / (2:1)	8OZ GJ, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	12/7/2021 12:41	5 days	12/15/2021		<input type="checkbox"/>	
			SW8081A (OC Pesticides)			<input type="checkbox"/>	<input type="checkbox"/>		5 days	12/15/2021		<input type="checkbox"/>	
003A	S3-A & S3-B	Soil	SW6020 (Arsenic)	2 / (2:1)	8OZ GJ, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	12/7/2021 12:46	5 days	12/15/2021		<input type="checkbox"/>	
			SW8081A (OC Pesticides)			<input type="checkbox"/>	<input type="checkbox"/>		5 days	12/15/2021		<input type="checkbox"/>	
004A	S4-A & S4-B	Soil	SW6020 (Arsenic)	2 / (2:1)	8OZ GJ, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	12/7/2021 12:51	5 days	12/15/2021		<input type="checkbox"/>	
			SW8081A (OC Pesticides)			<input type="checkbox"/>	<input type="checkbox"/>		5 days	12/15/2021		<input type="checkbox"/>	

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701

Telephone: (877) 252-9262 / Fax: (925) 252-9269

www.mccampbell.com

main@mccampbell.com

Report To: Steven Robinson Bill To: same

Company: Enviro Assessment PC

Address:

Email: Steven@enviroassess.com **Tele:** 844 742 7311

Project Name: Auburn

Project #:

Project Location: Auburn

PO #

Sampler Signature: *[Signature]*

[illegible]

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water is not analyzed for metals, a \$250 surcharge will be assessed.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8. Please provide an adequate volume of sample. If the volume is not sufficient, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
MWH Manzanita Environment	12/7	1:45pm	Jerry Dutz	12/19/11	1255

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Surface Water, S=Soil, A=Air, U=Unknown

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=ZnOAc/NaOH 7=None

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush		2 Day Rush		3 Day Rush		STD		Quote #	
J-Flag / MDL		ESL		Cleanup Approved		Dry Weight		Bottle Order #	
Delivery Format:		PDF		GeoTracker EDF		EDD		Write On (DW)	
								Detect Summary	

Analysis Requested

[illegible]

Comments / Instructions

* Collection time
per sample.

Temp 29.6 °C Initials Li



Sample Receipt Checklist

Client Name: **Enviro Assessment PC**
Project: **Auburn**

Date and Time Received: **12/8/2021 12:55**

Date Logged: **12/8/2021**

Received by: **Lilly Ortiz**

Logged by: **Lilly Ortiz**

WorkOrder No: **2112433** Matrix: Soil
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: BLUE ICE)

Sample/Temp Blank temperature	Temp: 0.9°C	NA <input type="checkbox"/>
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes <input type="checkbox"/> No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes <input type="checkbox"/> No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes <input type="checkbox"/> No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes <input type="checkbox"/> No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments: