

November 16, 2020

ICES 9221

Mr. John Suppes
Clarum Homes
412 Olive Avenue
Palo Alto, California 94306

Subject: Phase II Subsurface Investigation
141 3rd Avenue
Daly City, California

Dear John:

Enclosed is the Phase II Subsurface Investigation Report documenting the soil sampling that was conducted by Innovative and Creative Environmental Solutions at 141 3rd Avenue located in Daly City, California.

If you have any questions or comments concerning this report, please call Derek Wong or me.

Sincerely,



Peng Leong
Principal Engineer

Enclosure

Tel (510) 652-3222

Fax (510) 652-3555

3300 Powell Street
Suite #109
Emeryville, CA
94608

PHASE II SUBSURFACE INVESTIGATION

**141 3RD AVENUE
DALY CITY, CALIFORNIA**

November 16, 2020

ICES 9221

Prepared for:

Mr. John Suppes
Clarum Homes
412 Olive Avenue
Palo Alto, California 94306



Innovative & Creative Environmental Solutions

3300 Powell Street, Suite #109 Emeryville CA 94608
... (510) 652-3222 ...

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1

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November 16, 2020

ICES 9221

**PHASE II SUBSURFACE INVESTIGATION
141 3RD AVENUE
DALY CITY, CALIFORNIA**

1.0 INTRODUCTION

This report presents the findings of the Phase II Subsurface Investigation that was conducted by Innovative and Creative Environmental Solutions (ICES) at 141 3rd Avenue located in Daly City, California. ("the Site"; Figure 1).

The purpose of the investigation was to assess the potential presence of chlorinated pesticides in the surficial soil associated with the former nursery at the Site. The investigation was limited to collecting soil samples and analyzing the samples for organochlorine pesticides, arsenic, lead, and mercury.

2.0 SITE DESCRIPTION

The Site is located on the east side of 3rd Avenue and is within the legal jurisdiction of Daly City and the County of San Mateo. The trapezoidal Site consists of two parcels covering an area of approximately 0.71 acres. A vacant residential building is located at the northwest corner of the Site. The remaining areas of the Site are vacant and unpaved.

3.0 BACKGROUND

AEI Consultants (AEI) conducted a Phase I Environmental Site Assessment (ESA) in October 2020. According to AEI, the existing residential structure located at the northwest corner of the Site was built in 1908. Numerous greenhouses had been developed at the Site by 1926. The greenhouses were removed from the Site by 1980 and the area remained as vacant land. The residential structure was reportedly occupied until 2019 and is currently vacant. Based on the findings of the Phase I ESA, AEI recommended a subsurface investigation to assess the potential impacts from the former onsite greenhouses.

4.0 INVESTIGATION ACTIVITIES

ICES collected soil samples on November 1, 2020. A total of five soil samples were collected from four test pit locations. The approximate test pit locations are shown in Figure 2.

Soil samples TP-1A, TP-2A, TP-3A, and TP-4A were collected within the upper portion of the native soil at a depth of approximately 6 to 9 inches below the existing ground surface (bgs). Soil sample TP-4B was collected at a depth of approximately 12 to 18 inches bgs. Soil samples were collected by scraping the test pit sidewalls of each sample location at the selected depth directly into 8-ounce glass jars.

After being sealed and labeled, the soil samples were immediately placed in a chilled cooler containing crushed ice for transportation to the laboratory. Proper documentation and field chain-of-custody procedures were implemented.

All equipment used during this investigation which might have come into contact with contaminated materials was thoroughly decontaminated before and after each use. This was accomplished by washing with Alconox (a laboratory-grade detergent) and rinsing with distilled water.

5.0 LABORATORY ANALYSIS

The soil samples collected were sent to McCampbell Analytical, Inc. (McCampbell) of Pacheco, California, a state-certified laboratory, and initially analyzed for:

- ° Organochlorine pesticides using EPA Method 8081A; and
- ° Arsenic, lead, and mercury using EPA Method 6020.

Based on the initial laboratory analytical results, the following supplementary analysis was performed by McCampbell:

- ° Sample TP-2A was analyzed for soluble lead using EPA Method SW6010B.

The soil samples were analyzed on a normal turnaround basis.

6.0 INVESTIGATION RESULTS

Laboratory analytical results are summarized in Table 1 and

presented below. Laboratory certificates are included in Appendix A.

Laboratory analytical results indicated that the soil samples contained organochlorine pesticide concentrations that were below the Regional Water Quality Control Board's (Water Board) Direct Exposure Human Health Screening Levels (DE HHSL) for residential land use. Arsenic concentrations ranging 2.9 mg/kg to 4.6 mg/kg exceeded the residential DE HHSL of 0.067 mg/kg but were below the upper bound of the background range of 11 mg/kg. The Water Board considers background levels to be acceptable for contaminants where the DE HHSL are less than typical background levels. The lead concentrations contained in the samples were generally within typical background levels and also below their respective residential DE HHSL, with the exception of sample TP-2A. The lead concentration contained in sample TP-2A of 92 mg/kg was slightly above the residential DE HHSL of 80 mg/kg. Concentrations of mercury detected in the samples were below their respective residential DE HHSL and within typical background levels.

Analysis of TP-2A for soluble lead reported a concentration of 4.3 mg/L which was below the Soluble Threshold Limit Concentration (STLC) of 5.0 mg/L. Soil containing a soluble lead concentration which is below the STLC is characterized as a non-hazardous waste.

7.0 DISCUSSION

Based on the findings of this investigation, it appears that the surficial sediments within the northeastern portion of the Site contain concentrations of lead that were slightly above the acceptable residential land use criteria.

8.0 EXCLUSIONS

ICES assumes no responsibility or liability for the reliance hereon or use hereof of information contained in this report by anyone other than the party to whom it is addressed.

The evaluations and recommendations presented in this report are based on the limited site investigation results available at this time and could be revised if new information necessitating further review of the Site becomes available.

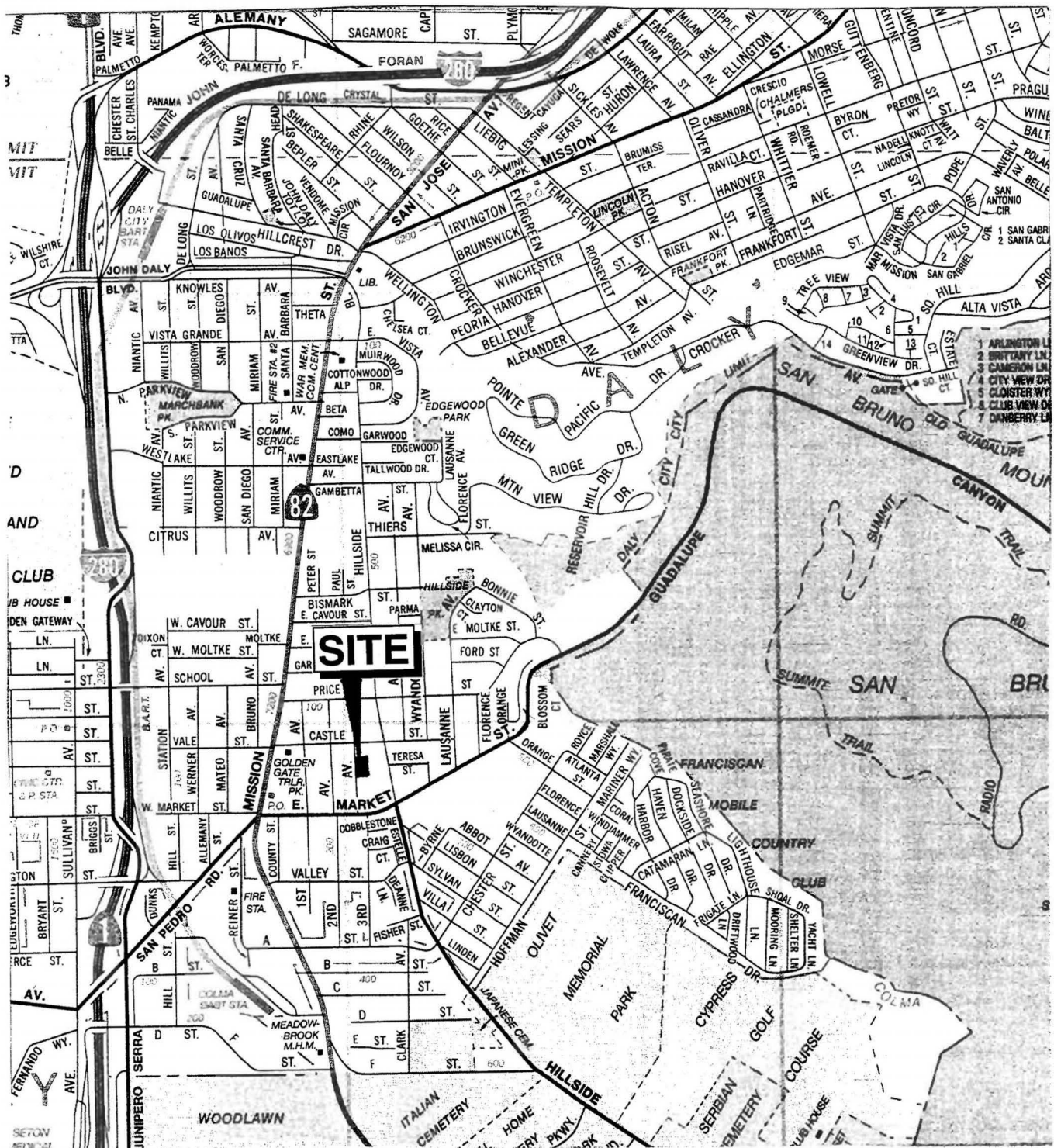
TABLE 1
SOIL SAMPLE RESULTS
141 3rd Avenue
Daly City, California

Test Pit Location	Sample ID	Depth (inches)	Lindane (mg/kg)	Chlordane (Total) (mg/kg)	DDD (mg/kg)	DDE (mg/kg)	DDT (mg/kg)	Dieldrin (mg/kg)	Endosulfan II (mg/kg)	Heptochlor Epoxide (mg/kg)	Other Organochlorine Pesticides (mg/kg)	Arsenic (mg/kg)	Lead (mg/kg)	Lead - STLC (mg/L)	Mercury (mg/kg)
TP-1	TP-1A	6-9	<0.00010	0.00335	0.00035	0.0024	0.0042	<0.00010	<0.00010	<0.00010	<0.00010 - <0.0050	2.9	12	NA	<0.050
TP-2	TP-2A	6-9	<0.00010	0.148	<0.00010	0.036	0.020	0.0022	<0.00010	0.0016	<0.00010 - <0.0050	4.6	92	4.3	0.22
TP-3	TP-3A	6-9	<0.00010	0.00288	<0.00010	0.00092	0.0021	<0.00010	<0.00010	<0.00010	<0.00010 - <0.0050	2.6	12	NA	<0.050
TP-4	TP-4A	6-9	0.00011	0.00487	0.00041	0.0084	0.0076	0.00017	0.00023	0.00015	<0.00010 - <0.0050	3.0	22	NA	<0.050
	TP-4B	12-18	<0.00010	0.00281	0.00039	0.0053	0.0042	<0.00010	<0.00010	<0.00010	<0.00010 - <0.0050	3.3	12	NA	<0.050
Residential DE HHRL ¹			0.55	0.48	2.7	1.8	1.9	0.037	---	0.062	---	0.067	80	---	13

Notes:

1. Direct Exposure Human Health Risk Levels - Shallow Soil Exposure (RWQCB - 2019 Rev.2)

NA = Not Analyzed



MAP SOURCE :
AAA

Scale: 1" = 1160 ft

November 2020

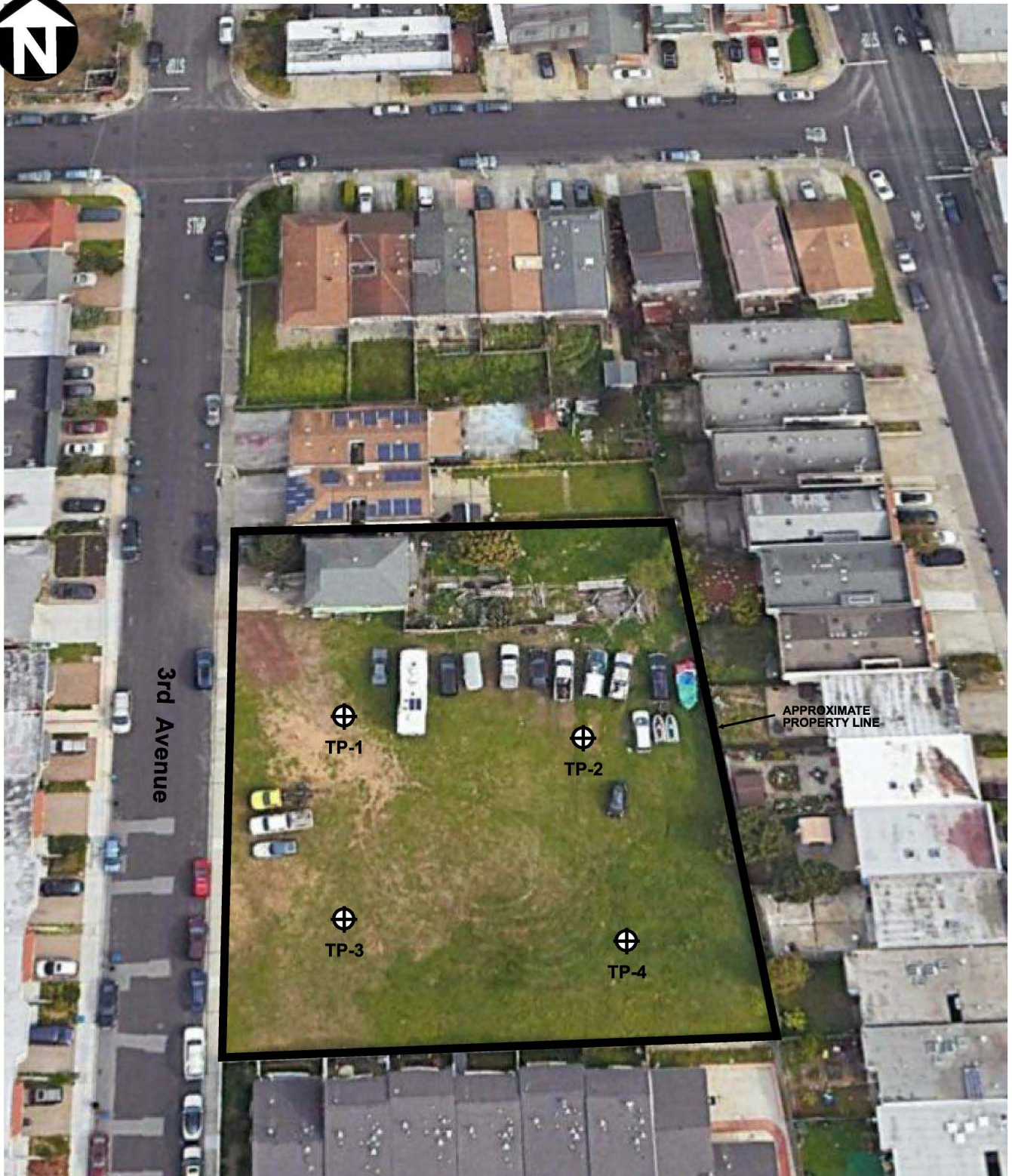
ICES
Innovative & Creative Environmental Solutions

SITE LOCATION

141 3rd Avenue
Daly City, California

Figure **1**

Project 9221



MAP SOURCE: GOOGLE EARTH

0 45
APPROXIMATE SCALE (feet)

EXPLANATION:

⊕ Test Pit -
TP-1 Location

November 2020

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TEST PIT LOCATIONS

141 3rd Avenue
Daly City, California

Figure **2**

Project 9221

APPENDIX A

LABORATORY CERTIFICATES



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2011024

Report Created for: ICES

P.O. Box 99288
Emeryville, CA 94662

Project Contact: Peng Leong

Project P.O.:

Project: ICES 9221

Project Received: 11/02/2020

Analytical Report reviewed & approved for release on 11/06/2020 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 the case narrative.





Glossary of Terms & Qualifier Definitions

Client: ICES
Project: ICES 9221
WorkOrder: 2011024

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: ICES
Project: ICES 9221
WorkOrder: 2011024

Analytical Qualifiers

P Agreement between quantitative confirmation results exceed method recommended limits.
a2 Sample diluted due to cluttered chromatogram.



Analytical Report

Client: ICES
Date Received: 11/02/2020 14:30
Date Prepared: 11/03/2020
Project: ICES 9221

WorkOrder: 2011024
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-1A	2011024-001A	Soil	11/01/2020 07:46	GC40 11042051.d	208626
Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.00010	1	11/04/2020 21:11
a-BHC	ND		0.00010	1	11/04/2020 21:11
b-BHC	ND		0.00030	1	11/04/2020 21:11
d-BHC	ND		0.00020	1	11/04/2020 21:11
g-BHC	ND		0.00010	1	11/04/2020 21:11
Chlordane (Technical)	ND		0.0025	1	11/04/2020 21:11
a-Chlordane	0.00053		0.00010	1	11/04/2020 21:11
g-Chlordane	0.00032		0.00010	1	11/04/2020 21:11
p,p-DDD	0.00035	P	0.00010	1	11/04/2020 21:11
p,p-DDE	0.0024		0.00010	1	11/04/2020 21:11
p,p-DDT	0.0042		0.00010	1	11/04/2020 21:11
Dieldrin	ND		0.00010	1	11/04/2020 21:11
Endosulfan I	ND		0.00010	1	11/04/2020 21:11
Endosulfan II	ND		0.00010	1	11/04/2020 21:11
Endosulfan sulfate	ND		0.00010	1	11/04/2020 21:11
Endrin	ND		0.00010	1	11/04/2020 21:11
Endrin aldehyde	ND		0.00010	1	11/04/2020 21:11
Endrin ketone	ND		0.00010	1	11/04/2020 21:11
Heptachlor	ND		0.00010	1	11/04/2020 21:11
Heptachlor epoxide	ND		0.00010	1	11/04/2020 21:11
Hexachlorobenzene	ND		0.0010	1	11/04/2020 21:11
Hexachlorocyclopentadiene	ND		0.0020	1	11/04/2020 21:11
Methoxychlor	ND		0.00020	1	11/04/2020 21:11
Toxaphene	ND		0.0050	1	11/04/2020 21:11
Surrogates	REC (%)		Limits		
Decachlorobiphenyl	99		20-145		11/04/2020 21:11
Analyst(s): CN					

(Cont.)



Analytical Report

Client: ICES
Date Received: 11/02/2020 14:30
Date Prepared: 11/03/2020
Project: ICES 9221

WorkOrder: 2011024
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-2A	2011024-002A	Soil	11/01/2020 07:58	GC40 11042052.d	208626

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	11/04/2020 21:25
a-BHC	ND	0.00010	1	11/04/2020 21:25
b-BHC	ND	0.00030	1	11/04/2020 21:25
d-BHC	ND	0.00020	1	11/04/2020 21:25
g-BHC	ND	0.00010	1	11/04/2020 21:25
Chlordane (Technical)	0.12	0.025	10	11/06/2020 03:20
a-Chlordane	0.014	0.00010	1	11/04/2020 21:25
g-Chlordane	0.014	0.00010	1	11/04/2020 21:25
p,p-DDD	ND	0.00010	1	11/04/2020 21:25
p,p-DDE	0.036	0.0010	10	11/06/2020 03:20
p,p-DDT	0.020	0.0010	10	11/06/2020 03:20
Dieldrin	0.0022	0.00010	1	11/04/2020 21:25
Endosulfan I	ND	0.00010	1	11/04/2020 21:25
Endosulfan II	ND	0.00010	1	11/04/2020 21:25
Endosulfan sulfate	ND	0.00010	1	11/04/2020 21:25
Endrin	ND	0.00010	1	11/04/2020 21:25
Endrin aldehyde	ND	0.00010	1	11/04/2020 21:25
Endrin ketone	ND	0.00010	1	11/04/2020 21:25
Heptachlor	ND	0.00010	1	11/04/2020 21:25
Heptachlor epoxide	0.0016	0.00010	1	11/04/2020 21:25
Hexachlorobenzene	ND	0.0010	1	11/04/2020 21:25
Hexachlorocyclopentadiene	ND	0.0020	1	11/04/2020 21:25
Methoxychlor	ND	0.00020	1	11/04/2020 21:25
Toxaphene	ND	0.0050	1	11/04/2020 21:25

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	120	20-145	11/04/2020 21:25

Analyst(s): CN

Analytical Comments: a2

(Cont.)



Analytical Report

Client: ICES
Date Received: 11/02/2020 14:30
Date Prepared: 11/03/2020
Project: ICES 9221

WorkOrder: 2011024
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
TP-3A	2011024-003A	Soil	11/01/2020 08:10		GC40 11042053.d	208626
<u>Analytes</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
Aldrin	ND		0.00010	1	11/04/2020 21:39	
a-BHC	ND		0.00010	1	11/04/2020 21:39	
b-BHC	ND		0.00030	1	11/04/2020 21:39	
d-BHC	ND		0.00020	1	11/04/2020 21:39	
g-BHC	ND		0.00010	1	11/04/2020 21:39	
Chlordane (Technical)	ND		0.0025	1	11/04/2020 21:39	
a-Chlordane	0.00025		0.00010	1	11/04/2020 21:39	
g-Chlordane	0.00013	P	0.00010	1	11/04/2020 21:39	
p,p-DDD	ND		0.00010	1	11/04/2020 21:39	
p,p-DDE	0.00092		0.00010	1	11/04/2020 21:39	
p,p-DDT	0.0021		0.00010	1	11/04/2020 21:39	
Dieldrin	ND		0.00010	1	11/04/2020 21:39	
Endosulfan I	ND		0.00010	1	11/04/2020 21:39	
Endosulfan II	ND		0.00010	1	11/04/2020 21:39	
Endosulfan sulfate	ND		0.00010	1	11/04/2020 21:39	
Endrin	ND		0.00010	1	11/04/2020 21:39	
Endrin aldehyde	ND		0.00010	1	11/04/2020 21:39	
Endrin ketone	ND		0.00010	1	11/04/2020 21:39	
Heptachlor	ND		0.00010	1	11/04/2020 21:39	
Heptachlor epoxide	ND		0.00010	1	11/04/2020 21:39	
Hexachlorobenzene	ND		0.0010	1	11/04/2020 21:39	
Hexachlorocyclopentadiene	ND		0.0020	1	11/04/2020 21:39	
Methoxychlor	ND		0.00020	1	11/04/2020 21:39	
Toxaphene	ND		0.0050	1	11/04/2020 21:39	
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>			
Decachlorobiphenyl	61		20-145		11/04/2020 21:39	
<u>Analyst(s):</u> CN						

(Cont.)



Analytical Report

Client: ICES
Date Received: 11/02/2020 14:30
Date Prepared: 11/03/2020
Project: ICES 9221

WorkOrder: 2011024
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-4A	2011024-004A	Soil	11/01/2020 08:23	GC40 11042054.d	208626
Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.00010	1	11/04/2020 21:53
a-BHC	ND		0.00010	1	11/04/2020 21:53
b-BHC	ND		0.00030	1	11/04/2020 21:53
d-BHC	ND		0.00020	1	11/04/2020 21:53
g-BHC	0.00011	P	0.00010	1	11/04/2020 21:53
Chlordane (Technical)	ND		0.0025	1	11/04/2020 21:53
a-Chlordane	0.00097		0.00010	1	11/04/2020 21:53
g-Chlordane	0.0014		0.00010	1	11/04/2020 21:53
p,p-DDD	0.00041	P	0.00010	1	11/04/2020 21:53
p,p-DDE	0.0084		0.00010	1	11/04/2020 21:53
p,p-DDT	0.0076		0.00010	1	11/04/2020 21:53
Dieldrin	0.00017		0.00010	1	11/04/2020 21:53
Endosulfan I	ND		0.00010	1	11/04/2020 21:53
Endosulfan II	0.00023		0.00010	1	11/04/2020 21:53
Endosulfan sulfate	ND		0.00010	1	11/04/2020 21:53
Endrin	ND		0.00010	1	11/04/2020 21:53
Endrin aldehyde	ND		0.00010	1	11/04/2020 21:53
Endrin ketone	ND		0.00010	1	11/04/2020 21:53
Heptachlor	ND		0.00010	1	11/04/2020 21:53
Heptachlor epoxide	0.00015		0.00010	1	11/04/2020 21:53
Hexachlorobenzene	ND		0.0010	1	11/04/2020 21:53
Hexachlorocyclopentadiene	ND		0.0020	1	11/04/2020 21:53
Methoxychlor	ND		0.00020	1	11/04/2020 21:53
Toxaphene	ND		0.0050	1	11/04/2020 21:53
Surrogates	REC (%)		Limits		
Decachlorobiphenyl	91		20-145		11/04/2020 21:53
Analyst(s): CN					

(Cont.)



Analytical Report

Client: ICES
Date Received: 11/02/2020 14:30
Date Prepared: 11/03/2020
Project: ICES 9221

WorkOrder: 2011024
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-4B	2011024-005A	Soil	11/01/2020 08:28	GC40 11042055.d	208626
<u>Analytes</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Aldrin	ND		0.00010	1	11/04/2020 22:07
a-BHC	ND		0.00010	1	11/04/2020 22:07
b-BHC	ND		0.00030	1	11/04/2020 22:07
d-BHC	ND		0.00020	1	11/04/2020 22:07
g-BHC	ND		0.00010	1	11/04/2020 22:07
Chlordane (Technical)	ND		0.0025	1	11/04/2020 22:07
a-Chlordane	0.00016		0.00010	1	11/04/2020 22:07
g-Chlordane	0.00015	P	0.00010	1	11/04/2020 22:07
p,p-DDD	0.00039		0.00010	1	11/04/2020 22:07
p,p-DDE	0.0053		0.00010	1	11/04/2020 22:07
p,p-DDT	0.0042		0.00010	1	11/04/2020 22:07
Dieldrin	ND		0.00010	1	11/04/2020 22:07
Endosulfan I	ND		0.00010	1	11/04/2020 22:07
Endosulfan II	ND		0.00010	1	11/04/2020 22:07
Endosulfan sulfate	ND		0.00010	1	11/04/2020 22:07
Endrin	ND		0.00010	1	11/04/2020 22:07
Endrin aldehyde	ND		0.00010	1	11/04/2020 22:07
Endrin ketone	ND		0.00010	1	11/04/2020 22:07
Heptachlor	ND		0.00010	1	11/04/2020 22:07
Heptachlor epoxide	ND		0.00010	1	11/04/2020 22:07
Hexachlorobenzene	ND		0.0010	1	11/04/2020 22:07
Hexachlorocyclopentadiene	ND		0.0020	1	11/04/2020 22:07
Methoxychlor	ND		0.00020	1	11/04/2020 22:07
Toxaphene	ND		0.0050	1	11/04/2020 22:07
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Decachlorobiphenyl	79		20-145		11/04/2020 22:07
<u>Analyst(s):</u> CN					



Analytical Report

Client: ICES
Date Received: 11/02/2020 14:30
Date Prepared: 11/03/2020
Project: ICES 9221

WorkOrder: 2011024
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-1A	2011024-001A	Soil	11/01/2020 07:46	ICP-MS5 1284SMPL.d	208555

Analytes	Result	RL	DF	Date Analyzed
Arsenic	2.9	0.50	1	11/03/2020 18:48
Lead	12	0.50	1	11/03/2020 18:48
Mercury	ND	0.050	1	11/03/2020 18:48

Surrogates	REC (%)	Limits	
Terbium	95	70-130	11/03/2020 18:48

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-2A	2011024-002A	Soil	11/01/2020 07:58	ICP-MS5 1285SMPL.d	208555

Analytes	Result	RL	DF	Date Analyzed
Arsenic	4.6	0.50	1	11/03/2020 18:52
Lead	92	0.50	1	11/03/2020 18:52
Mercury	0.22	0.050	1	11/03/2020 18:52

Surrogates	REC (%)	Limits	
Terbium	97	70-130	11/03/2020 18:52

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-3A	2011024-003A	Soil	11/01/2020 08:10	ICP-MS5 1286SMPL.d	208555

Analytes	Result	RL	DF	Date Analyzed
Arsenic	2.6	0.50	1	11/03/2020 18:55
Lead	12	0.50	1	11/03/2020 18:55
Mercury	ND	0.050	1	11/03/2020 18:55

Surrogates	REC (%)	Limits	
Terbium	97	70-130	11/03/2020 18:55

Analyst(s): DB

(Cont.)



Analytical Report

Client: ICES
Date Received: 11/02/2020 14:30
Date Prepared: 11/03/2020
Project: ICES 9221

WorkOrder: 2011024
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-4A	2011024-004A	Soil	11/01/2020 08:23	ICP-MS5 1287SMPL.d	208555

Analytes	Result	RL	DF	Date Analyzed
Arsenic	3.0	0.50	1	11/03/2020 18:58
Lead	22	0.50	1	11/03/2020 18:58
Mercury	ND	0.050	1	11/03/2020 18:58

Surrogates	REC (%)	Limits	
Terbium	94	70-130	11/03/2020 18:58

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-4B	2011024-005A	Soil	11/01/2020 08:28	ICP-MS5 1288SMPL.d	208555

Analytes	Result	RL	DF	Date Analyzed
Arsenic	3.3	0.50	1	11/03/2020 19:02
Lead	12	0.50	1	11/03/2020 19:02
Mercury	ND	0.050	1	11/03/2020 19:02

Surrogates	REC (%)	Limits	
Terbium	96	70-130	11/03/2020 19:02

Analyst(s): DB



Quality Control Report

Client: ICES
Date Prepared: 11/03/2020
Date Analyzed: 11/03/2020
Instrument: GC23
Matrix: Soil
Project: ICES 9221

WorkOrder: 2011024
BatchID: 208626
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-208626

QC Summary Report for SW8081A/8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.0000360	0.000100	-	-	-
a-BHC	ND	0.0000250	0.000100	-	-	-
b-BHC	ND	0.000250	0.000300	-	-	-
d-BHC	ND	0.000130	0.000200	-	-	-
g-BHC	ND	0.0000660	0.000100	-	-	-
Chlordane (Technical)	ND	0.000430	0.00250	-	-	-
a-Chlordane	ND	0.0000950	0.000100	-	-	-
g-Chlordane	ND	0.0000470	0.000100	-	-	-
p,p-DDD	ND	0.0000430	0.000100	-	-	-
p,p-DDE	ND	0.0000940	0.000100	-	-	-
p,p-DDT	ND	0.0000920	0.000100	-	-	-
Dieldrin	ND	0.0000610	0.000100	-	-	-
Endosulfan I	ND	0.0000480	0.000100	-	-	-
Endosulfan II	ND	0.0000760	0.000100	-	-	-
Endosulfan sulfate	ND	0.0000780	0.000100	-	-	-
Endrin	ND	0.0000350	0.000100	-	-	-
Endrin aldehyde	ND	0.0000670	0.000100	-	-	-
Endrin ketone	ND	0.0000840	0.000100	-	-	-
Heptachlor	ND	0.0000400	0.000100	-	-	-
Heptachlor epoxide	ND	0.0000540	0.000100	-	-	-
Hexachlorobenzene	ND	0.000110	0.00100	-	-	-
Hexachlorocyclopentadiene	ND	0.000340	0.00200	-	-	-
Methoxychlor	ND	0.000130	0.000200	-	-	-
Toxaphene	ND	0.00340	0.00500	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.00582			0.005	116	28-170

(Cont.)



Quality Control Report

Client: ICES
Date Prepared: 11/03/2020
Date Analyzed: 11/03/2020
Instrument: GC23
Matrix: Soil
Project: ICES 9221

WorkOrder: 2011024
BatchID: 208626
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-208626

QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.00413	0.00438	0.0050	83	88	31-155	6.00	20
a-BHC	0.00456	0.00482	0.0050	91	96	32-160	5.63	20
b-BHC	0.00392	0.00420	0.0050	78	84	44-149	6.79	20
d-BHC	0.00430	0.00460	0.0050	86	92	37-157	6.88	20
g-BHC	0.00438	0.00462	0.0050	88	92	43-154	5.39	20
a-Chlordane	0.00424	0.00457	0.0050	85	91	39-150	7.32	20
g-Chlordane	0.00413	0.00444	0.0050	83	89	39-151	7.27	20
p,p-DDD	0.00438	0.00478	0.0050	88	96	30-158	8.76	20
p,p-DDE	0.00419	0.00454	0.0050	84	91	47-149	8.18	20
p,p-DDT	0.00426	0.00467	0.0050	85	93	56-166	9.11	20
Dieldrin	0.00463	0.00500	0.0050	93	100	50-163	7.50	20
Endosulfan I	0.00404	0.00434	0.0050	81	87	45-159	7.08	20
Endosulfan II	0.00392	0.00427	0.0050	78	85	41-155	8.45	20
Endosulfan sulfate	0.00401	0.00437	0.0050	80	87	45-156	8.72	20
Endrin	0.00410	0.00442	0.0050	82	88	54-154	7.46	20
Endrin aldehyde	0.00341	0.00379	0.0050	68	76	27-159	10.5	20
Endrin ketone	0.00400	0.00440	0.0050	80	88	40-147	9.56	20
Heptachlor	0.00409	0.00432	0.0050	82	86	52-165	5.54	20
Heptachlor epoxide	0.00377	0.00407	0.0050	75	81	46-145	7.60	20
Hexachlorobenzene	0.00362	0.00382	0.0050	72	76	22-156	5.17	20
Hexachlorocyclopentadiene	0.00263	0.00280	0.0050	53	56	43-173	5.93	20
Methoxychlor	0.00388	0.00426	0.0050	78	85	49-150	9.23	20
Surrogate Recovery								
Decachlorobiphenyl	0.00530	0.00558	0.0050	106	112	28-170	5.04	20



Quality Control Report

Client: ICES
Date Prepared: 11/03/2020
Date Analyzed: 11/03/2020
Instrument: ICP-MS5
Matrix: Soil
Project: ICES 9221

WorkOrder: 2011024
BatchID: 208555
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/kg
Sample ID: MB/LCS/LCSD-208555

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Arsenic	ND	0.150	0.500	-	-	-
Lead	ND	0.140	0.500	-	-	-
Mercury	ND	0.0320	0.0500	-	-	-
Surrogate Recovery						
Terbium	477			500	95	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Arsenic	51.8	51.3	50	104	103	75-125	0.964	20
Lead	49.3	49.0	50	99	98	75-125	0.431	20
Mercury	1.17	1.17	1.25	93	94	75-125	0.427	20
Surrogate Recovery								
Terbium	482	489	500	96	98	70-130	1.31	20

McC Campbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2011024

ClientCode: ICES

☐ WaterTrax

☐ WriteOn

☐ EDF

☐ EQuIS

☐ Dry-Weight

☒ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

☐ Detection Summary

☐ Excel

Report to:

Peng Leong

ICES

P.O. Box 99288

Emeryville, CA 94662

(510) 652-3222 FAX: (510) 652-3555

Email: derek_ices@yahoo.com; ices888@gmail.c

cc/3rd Party: derek_ices@yahoo.com;

PO:

Project: ICES 9221

Bill to:

Accounts Payable

ICES

P.O. Box 99288

Emeryville, CA 94662

Requested TAT: 5 days;

Date Received: 11/02/2020

Date Logged: 11/02/2020

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
2011024-001	TP-1A	Soil	11/1/2020 07:46	<input type="checkbox"/>	A	A	A									
2011024-002	TP-2A	Soil	11/1/2020 07:58	<input type="checkbox"/>	A	A	A									
2011024-003	TP-3A	Soil	11/1/2020 08:10	<input type="checkbox"/>	A	A	A									
2011024-004	TP-4A	Soil	11/1/2020 08:23	<input type="checkbox"/>	A	A	A									
2011024-005	TP-4B	Soil	11/1/2020 08:28	<input type="checkbox"/>	A	A	A									

Test Legend:

1	8081_ESL_LL_S
5	
9	

2	METALSMS_TTLC_S
6	
10	

3	PRDisposal Fee
7	
11	

4	
8	
12	

Project Manager: Angela Rydelius

Prepared by: Tina Perez

Comments:

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: ICES

Project: ICES 9221

Work Order: 2011024

Client Contact: Peng Leong

QC Level: LEVEL 2

Contact's Email: derek_ices@yahoo.com; ices888@gmail.com

Comments

Date Logged: 11/2/2020


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

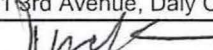
Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	DryWeight	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2011024-001A	TP-1A	Soil	SW6020 (Metals) <Arsenic, Lead, Mercury> SW8081A (OC Pesticides) ESLs	1	8OZ GJ, Unpres	<input type="checkbox"/>	11/1/2020 7:46	5 days		<input type="checkbox"/>	
2011024-002A	TP-2A	Soil	SW6020 (Metals) <Arsenic, Lead, Mercury> SW8081A (OC Pesticides) ESLs	1	8OZ GJ, Unpres	<input type="checkbox"/>	11/1/2020 7:58	5 days		<input type="checkbox"/>	
2011024-003A	TP-3A	Soil	SW6020 (Metals) <Arsenic, Lead, Mercury> SW8081A (OC Pesticides) ESLs	1	8OZ GJ, Unpres	<input type="checkbox"/>	11/1/2020 8:10	5 days		<input type="checkbox"/>	
2011024-004A	TP-4A	Soil	SW6020 (Metals) <Arsenic, Lead, Mercury> SW8081A (OC Pesticides) ESLs	1	8OZ GJ, Unpres	<input type="checkbox"/>	11/1/2020 8:23	5 days		<input type="checkbox"/>	
2011024-005A	TP-4B	Soil	SW6020 (Metals) <Arsenic, Lead, Mercury> SW8081A (OC Pesticides) ESLs	1	8OZ GJ, Unpres	<input type="checkbox"/>	11/1/2020 8:28	5 days		<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.

2011024

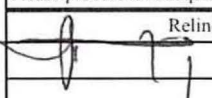
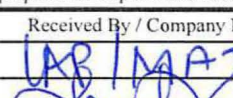
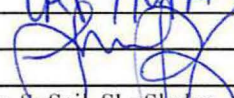
 McCAMPBELL ANALYTICAL, INC. 1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701 Telephone: (877) 252-9262 / Fax: (925) 252-9269 www.mccampbell.com main@mccampbell.com						CHAIN OF CUSTODY RECORD													
						Turn Around Time: 1 Day Rush		2 Day Rush		3 Day Rush		STD ●		Quote #					
J-Flag / MDL		ESL ●		Cleanup Approved				Dry Weight		Bottle Order #									
Delivery Format: PDF		GeoTracker EDF		EDD		Write On (DW)				Detect Summary									

Report To: Peng Leong Bill To: Same						Analysis Requested																	
Company: ICES						Multi Range as Gas, Diesel, and Motor Oil (8021/8015)	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)*	Baylands Requirements	Lab to filter sample for dissolved metals analysis	Arsenic, Lead, Mercury	
Address: P.O. Box 99288, Emeryville, CA 94662																							
Email: derek_ices@yahoo.com Tele: 510-652-3222																							
Project Name: Project #: ICES 9221																							
Project Location: 1413rd Avenue, Daly City, CA PO #																							
Sampler Signature: 																							
SAMPLE ID Location / Field Point	Sampling		#Containers	Matrix	Preservative																		
	Date	Time																					
TP-1A	11-1-20	7:46	1	S	1																		
TP-2A	11-1-20	7:58	1	S	1																		
TP-3A	11-1-20	8:10	1	S	1																		
TP-4A	11-1-20	8:23	1	S	1																		
TP-4B	11-1-20	8:28	1	S	1																		

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 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 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
 / ICES		11-2-20	1000	 LAB / MAI		11/2/20	1000
LAB / MAI		11/2/20	1435			11/2/20	14:50

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

Temp 3.9 °C Initials TP



Sample Receipt Checklist

Client Name: **ICES**
Project: **ICES 9221**

Date and Time Received: **11/2/2020 14:30**

Date Logged: **11/2/2020**

Received by: **Tina Perez**

Logged by: **Tina Perez**

WorkOrder №: **2011024** Matrix: Soil
Carrier: Lorenzo Perez (MAI Courier)

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"/>
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: WET ICE)

Sample/Temp Blank temperature	Temp: 3.9°C	NA <input type="checkbox"/>
Water - VOA vials have zero headspace / no bubbles?	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 353.2/4500NO ₃ : <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 (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes <input type="checkbox"/> No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes <input type="checkbox"/> No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2011024 A

Report Created for: ICES

P.O. Box 99288
Emeryville, CA 94662

Project Contact: Peng Leong

Project P.O.:

Project: ICES 9221

Project Received: 11/02/2020

Analytical Report reviewed & approved for release on 11/16/2020 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: ICES
Project: ICES 9221
WorkOrder: 2011024 A

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
PDS D	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)



Analytical Report

Client: ICES
Date Received: 11/02/2020 14:30
Date Prepared: 11/09/2020
Project: ICES 9221

WorkOrder: 2011024
Extraction Method: CA Title 22
Analytical Method: SW6020
Unit: mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
TP-2A	2011024-002A	Soil	11/01/2020 07:58	ICP-MS4 249SMPL.d	209041

Analytes	Result	RL	DF	Date Analyzed
Lead	4.3	0.10	1	11/11/2020 22:05

Analyst(s): DB



Quality Control Report

Client: ICES
Date Prepared: 11/09/2020
Date Analyzed: 11/11/2020
Instrument: ICP-MS4
Matrix: Soil
Project: ICES 9221

WorkOrder: 2011024
BatchID: 209041
Extraction Method: CA Title 22
Analytical Method: SW6020
Unit: mg/L
Sample ID: MB/LCS/LCSD-209041

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Lead	ND	0.100	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	8.19	9.10	10	82	91	75-125	10.5	20



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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2011024 A

ClientCode: ICES

☐ WaterTrax
 ☐ WriteOn
 ☐ EDF
 ☐ EQuIS
 ☐ Dry-Weight
 ☒ Email
 ☐ HardCopy
 ☐ ThirdParty
 ☐ J-flag
 ☐ Detection Summary
 ☐ Excel

Report to:

Peng Leong
 ICES
 P.O. Box 99288
 Emeryville, CA 94662
 (510) 652-3222 FAX: (510) 652-3555

Email: derek_ices@yahoo.com; ices888@gmail.c
 cc/3rd Party:
 PO:
 Project: ICES 9221

Bill to:

Accounts Payable
 ICES
 P.O. Box 99288
 Emeryville, CA 94662

Requested TAT: 5 days;

Date Received: 11/02/2020

Date Logged: 11/02/2020

Date Add-On: 11/09/2020

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
2011024-002	TP-2A	Soil	11/1/2020 07:58	<input type="checkbox"/>	A											

Test Legend:

1	PBMS_STLC_S	2		3		4	
5		6		7		8	
9		10		11		12	

Project Manager: Angela Rydelius

Prepared by: Tina Perez

Add-On Prepared By: Maria Venegas

Comments: STLC Pb added to 002 11/9/2020 STAT.

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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WORK ORDER SUMMARY

Client Name: ICES

Project: ICES 9221

Work Order: 2011024

Client Contact: Peng Leong

QC Level: LEVEL 2

Contact's Email derek_ices@yahoo.com; ices888@gmail.com

Comments: STLC Pb added to 002 11/9/2020 STAT.

Date Logged: 11/2/2020

Date Add-On: 11/9/2020

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
2011024-002A	TP-2A	Soil	SW6020 (Lead) (STLC)	1	8OZ GJ, Unpres	11/1/2020 7:58	5 days*		<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.

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