

2218 Railroad Avenue Redding, California 96001 fax 530.243.7494

voice 530.243.7234

3860 Morrow Lane, Suite F Chico, California 95928

voice 530.894.8966 fax 530.894.5143

Report To: W.A.T.E.R.

724 BUTTE AVENUE

MOUNT SHASTA, CA 96067

Lab Number: 19K0987

Date: 12/13/19 Phone: (530) 926-4339

P.O.#:

Attention: **RAVEN STEVENS** 

Project Name: GENERAL TESTING BIG SPRINGS 2

Sample Description: BIG SPRINGS MAIN Laboratory ID: 19K0987-01

Date Sampled:

11/25/19

Date Received: 11/25/19

	TEST	RESULTS	UNITS	MCL/ACL	DLR
General Mineral	Calcium		mg/l		1
	Magnesium		mg/l		1
	Sodium		mg/l		1
	Potassium		mg/l		1
	Alkalinity-Total @CaCO3		mg/l		5
	Bicarbonate		mg/l		5
	Carbonate		mg/l		5
	Hydroxide		mg/l		5
	Chloride		mg/l	250-500-600	1
	Sulfate		mg/l	250-500-600	0.5
	Hq		units		0.01
	Hardness-Total @CaCO3		mg/l		5
	Specific Conductance @25C		umhos/cm	900-1600-2200	10
	Total Dissolved Solids		mg/l	500-1000-1500	6
	MBAS		mg/l	0.5	0.05
	Copper	ND	ug/l	1300	50
	Manganese		ug/l	50	20
	Zinc	ND	ug/l	5000	50
	Iron		ug/l	300	100
General Physical	Turbidity		NTU	5	0.5
acticiai i fiyologi	Color, Apparent		units	15	5
	Odor		T.O.N.	3	1
Inorganic Chemical	Aluminum	ND	ug/l	1000	50
morganio onomicai	Antimony	ND	ug/l	6	6.0
	Arsenic	ND	ug/l	10	2
	Barium	ND	ug/l	1000	100
	Beryllium	ND	ug/l	4	1
	Cadmium	ND	ug/l	5	1.0
	Chromium	ND	ug/l	50	10
	Lead	ND	ug/l	15	5.0
	Mercury	ND	ug/l	2	1
	Nickel	ND	ug/l	100	10
	Selenium	ND	ug/l	50	5.0
	Silver	ND	ug/l	100	10
	Fluoride	,,,,	mg/l	1.4 -2.4	0.10
	Nitrate as N		mg/l	10	0.45
	Nitrite as N		mg/l	1	0.40
	Thallium	ND	ug/l	2	1.0
Miscellaneous	Boron	140	ug/l	<u></u>	100
MISCENANCOUS	Temperature		°C		0.1
	Silica		mg/l		0.45
			6. ,		0.10
	Corrosivity - Aggressiveness Index				

Basic Laboratory Inc. California ELAP Cert #1677 and #2718 ND - Not Detecting at the detection limit

DLR - Reporting limit

MCL/ACL - Maximum contaminant level / action level

Page 1 of 1



2218 Railroad Avenue Redding, California 96001 fax 530.243.7494

voice 530.243.7234

3860 Morrow Lane, Suite F Chico, California 95928

voice 530.894.8966 fax 530.894.5143

December 13, 2019

Lab ID: 19K0987

RAVEN STEVENS W.A.T.E.R. 724 BUTTE AVENUE MOUNT SHASTA, CA 96067

RE: GENERAL TESTING BIG SPRINGS 2

Dear RAVEN STEVENS,

Enclosed are the analysis results for Work Order number 19K0987. All analyses were performed under strict adherence to our established Quality Assurance Plan. Any abnormalities are listed in the qualifier section of this report.

If you have any questions regarding these results, please feel free to contact us at any time. We appreciate the opportunity to service your environmental testing needs.

Sincerely,

Ricky D. Jensen

Laboratory Director

California ELAP Certification Number 1677



2218 Railroad Avenue

voice 530.243.7234 Redding, California 96001 fax 530.243.7494

Chico, California 95928

3860 Morrow Lane, Suite F

voice 530.894.8966 fax 530.894.5143

Lab No: 19K0987

Report To: W.A.T.E.R.

724 BUTTE AVENUE

MOUNT SHASTA, CA 96067

Reported: Phone:

P.O. #

12/13/19 (530) 926-4339

**RAVEN STEVENS** Attention:

Project: GENERAL TESTING BIG SPRINGS 2

**Metals - Total** 

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
BIG SPRINGS MAIN - Grab	Drinking Water	(19K0987-01)	Sampled:11/	25/19 12:21	Recei	ved:11/25/	19 14:20		
Strontium	ug/l	55.2			0.50	EPA 200.8	12/07/19	12/07/19	B9L1048

Approved By

Basic Laboratory Inc California ELAP Cert #1677 and #2718



2218 Railroad Avenue Redding, California 96001 fax 530.243.7494

voice 530.243.7234

3860 Morrow Lane, Suite F Chico, California 95928

voice 530.894.8966 fax 530.894.5143

Lab No: 19K0987

Report To: W.A.T.E.R.

724 BUTTE AVENUE

MOUNT SHASTA, CA 96067

**Reported:** 12/13/19 Phone:

P.O. #

(530) 926-4339

**RAVEN STEVENS** Attention:

GENERAL TESTING BIG SPRINGS 2 Project:

**Volatile Organic Compounds** 

Analyte	Units	Results	Qualifier MDL	RL	Method	Analyzed	Prepared	Batch
<b>BIG SPRINGS MAIN - Grab</b>	Drinking Water	(19K0987-01)	Sampled:11/25/19 12:21	Receiv	ed:11/25/	19 14:20		
Benzene	ug/l	ND		0.50	EPA 524.2	11/26/19	11/26/19	B9K1364
Bromobenzene	11	ND		0.50	li	11	н	#1
Bromochloromethane	II.	ND		0.50	11	n	sı	11
Bromodichloromethane	ir .	ND		1.00	11	11	H.	.,
Bromoform	н	ND		1.00	(1	ш	n	и
Bromomethane	н	ND		0.50	n	u	If	11
n-Butylbenzene	Ħ	ND		0.50	17	В	11	H
sec-Butylbenzene	n	ND		0.50	и	ls:	H	11
tert-Butylbenzene	n.	ND		0.50	**	**	11	В
Carbon tetrachloride	н	ND		0.50	11	· n	U	н
Chlorobenzene	11	ND		0.50	u	11	ti .	10
Chloroethane	u	ND		0.50	n	н	II	н
	H	ND ND		0.50	lt .	11	H	15
2-Chloroethylvinyl ether Chloroform	11	ND		1.00	н	11	n	н
	U	ND		0.50	a	<b>11</b>	н	н
Chloromethane	II.	ND ND		0.50	n	u	11	н
2-Chlorotoluene	11			0.50	n	n	н	11
4-Chlorotoluene	н	ND ND		1.00	n	11	si .	15
Dibromochloromethane		ND		0.50	11	n	п	
1,2-Dibromo-3-chloropropane (DBCP	"	ND			**	11	ıı	u u
Dibromomethane		ND		0.50	"	11	11	u,
1,2-Dichlorobenzene (o-DCB)	"	ND		0.50	"		"	11
1,3-Dichlorobenzene (m-DCB)	n	ND		0.50	n	н	11	,,
1,4-Dichlorobenzene (p-DCB)	11	ND		0.50	u u			
Dichlorodifluoromethane (CFC 12)		ND		0.50	,,	"	"	.,
1,1-Dichloroethane (1,1-DCA)	"	ND		0.50	"	"	"	
1,2-Dichloroethane (1,2-DCA)	"	ND		0.50		"	"	**
cis-1,2-Dichloroethene (c-1,2-DCE)	; ;	ND		0.50		n	**	"
trans-1,2-Dichloroethene (t-1,2-DCE)		ND		0.50	n .		**	**
1,1-Dichloroethene (1,1-DCE)	п	ND		0.50	*1	11		
Dichloromethane (Methylene Chloride	e) "	ND		0.50	n	11	li .	11
1,2-Dichloropropane	ıı	ND		0.50	n	· ·	11	11
1,3-Dichloropropane	tt	ND		0.50	11	"	11	11
2,2-Dichloropropane	11	ND		0.50	п	н	tt	11
1,1-Dichloropropene	u	ND		0.50	u	ŧı	h	н
1,3-Dichloropropene (total)	U	ND		0.50	H	11	I)	11
Di-Isopropyl Ether (DIPE)	u	ND		0.50	II	11	u	а
Ethylbenzene	11	ND		0.50	11	"	11	п
Ethyl tert-Butyl Ether (ETBE)	II .	ND		0.50	н	п	17	11
Hexachlorobutadiene	n	ND		0.50	U	n	Ħ	11
Isopropylbenzene	Ħ	ND		0.50	В	н	Ħ	fi .
p-Isopropyltoluene	†1	ND		0.50	#	h	11	n n
Methyl tert-Butyl Ether (MTBE)	U	ND		0.50	u	11	O	н
Naphthalene	II .	ND		0.50	o o	स	11	**
n-Propylbenzene	It	ND		0.50	u	ti	11	**
Styrene	tt.	ND		0.50	14	н	31	
•	ıı	ND		0.50	n	n	11	n
1,1,1,2-Tetrachloroethane tert-Amyl Methyl Ether (TAME)	11	ND		0.50	н	н	u	н
	U	ND ND		2.50	"	11	11	**
tert-Butyl Alcohol (TBA)	u	ND ND		0.50		n	"	u
1,1,2,2-Tetrachloroethane	11			0.50	17	19	11	п
Tetrachloroethene (PCE)	11	ND			**	II.	н	11
Toluene	"	ND		0.50	n	11	н	n
1,2,3-Trichlorobenzene	"	ND		0.50				

Approved By

Basic Laboratory Inc

California ELAP Cert #1677 and #2718



2218 Railroad Avenue Redding, California 96001 fax 530.243.7494

voice 530.243.7234

3860 Morrow Lane, Suite F Chico, California 95928

voice 530.894.8966 fax 530.894.5143

Report To:

W.A.T.E.R.

724 BUTTE AVENUE

MOUNT SHASTA, CA 96067

Lab No: **Reported:** 12/13/19

Phone: (530) 926-4339

19K0987

P.O. #

**RAVEN STEVENS** Attention:

Project: GENERAL TESTING BIG SPRINGS 2

### **Volatile Organic Compounds**

Analyte	Units	Results	Qualifier	MDL	RL			Prepared	Batch
BIG SPRINGS MAIN - Grab D	rinking Water (1	L9K0987-01)	Sampled:11/25	/19 12:21	Recei	ved:11/25/:	19 14:20		
1,2,4-Trichlorobenzene	n	ND			0.50	11	11	11/26/19	н
1,1,1-Trichloroethane (1,1,1-TCA)	11	ND			0.50	16	н	н	H
1,1,2-Trichloroethane (1,1,2-TCA)	u u	ND			0.50	11	n	н	и
Trichloroethene (TCE)	O O	ND			0.50	H	II.	11	"
Trichlorotrifluoroethane (Freon 113)	ti .	ND			0.50	п	11	11	11
Trichlorofluoromethane (Freon 11)	"	ND			0.50	"	11	н	ti
1,2,4-Trimethylbenzene	11	ND			0.50	11	11	"	H
1,3,5-Trimethylbenzene	u	ND			0.50	11	H	n	11
Vinyl chloride	n	ND			0.50	u	n	IT	"
m,p-Xylene	н	ND			1.00	u	n	u u	14
o-Xylene	n n	ND			0.50	11	11	п	11
Xylenes (total)	ч	ND			1.00	n	U	H	Ħ
Total Trihalomethanes	13	ND			1.00	#	н	n	В
TRIP BLANK - Trip Blank Blan	k (19K0987-02	) Sampled:1	1/25/19 00:00	Received:1	11/25/	19 14:20			
Benzene	ug/l	ND	<u></u>		0.50	EPA 524.2	11/26/19	11/26/19	B9K1364
Bromobenzene	ii.	ND			0.50	n	и	12	н
Bromochloromethane	11	ND			0.50	II .	អ	"	lf .
Bromodichloromethane	u	ND			1.00	н	1f	u	н
Bromoform	II.	ND			1.00	11	н	n n	<b>11</b>
Bromomethane	II	ND			0.50	11	11	11	11
n-Butylbenzene	н	ND			0.50	a	11	B	н
sec-Butylbenzene	**	ND			0.50	II .	11	11	H
tert-Butylbenzene	п	ND			0.50	n n	Ħ	н	15
Carbon tetrachloride	ţı.	ND			0.50	17	11	rı	н
Chlorobenzene	n	ND			0.50	11	n	n	н
Chloroethane	н	ND			0.50	11	11	I†	11
2-Chloroethylvinyl ether	**	ND			0.50	11	11	18	ŧŧ
Chloroform	· n	ND			1.00	n	ŧı	ú	11
Chloromethane	и	ND			0.50	n	บ	n	u
2-Chlorotoluene	11	ND			0.50	11	U	u .	It
4-Chlorotoluene	н	ND			0.50	u	10	lt .	11
Dibromochloromethane	11	ND			1.00	н	D D	"	11
1,2-Dibromo-3-chloropropane (DBCP)	п	ND			0.50	17	11	11	u
Dibromomethane	н	ND			0.50	tı	н	ti	tt
1,2-Dichlorobenzene (o-DCB)	11	ND			0.50	#1	n	a	16
1,3-Dichlorobenzene (0-DCB)	11	ND			0.50	11	n	H .	IT
1,3-Dichlorobenzene (m-DCB)  1,4-Dichlorobenzene (p-DCB)	ti .	ND			0.50	a	11	n	18
	u,	ND			0.50	u	17	11	u
Dichlorodifluoromethane (CFC 12)	ti-	ND ND			0.50	II.	18	H	41
1,1-Dichloroethane (1,1-DCA)	lt .	ND			0.50		11	Ħ	n
1,2-Dichloroethane (1,2-DCA)	in .				0.50	11	n	п	
cis-1,2-Dichloroethene (c-1,2-DCE)	11	ND ND			0.50	10	u.	n .	17
trans-1,2-Dichloroethene (t-1,2-DCE)	"				0.50	**	"	n	h
1,1-Dichloroethene (1,1-DCE)	ii	ND			0.50	n	**	II.	**
Dichloromethane (Methylene Chloride)	1)	ND				11	н	11	11
1,2-Dichloropropane		ND			0.50 0.50	11	н	Str	"
1,3-Dichloropropane	"	ND				11	н	71	11
2,2-Dichloropropane	11	ND			0.50			n	16
1,1-Dichloropropene	11	ND			0.50	11		"	
1,3-Dichloropropene (total)		ND			0.50	и	"	"	.,
Di-Isopropyl Ether (DIPE)	(1	ND			0.50	11	"	"	11
Ethylbenzene	u	ND			0.50	0	11		11
Ethyl tert-Butyl Ether (ETBE)	н	ND			0.50	"	£1	**	**

Basic Laboratory Inc California ELAP Cert #1677 and #2718



2218 Railroad Avenue Redding, California 96001 fax 530.243.7494

voice **530.243.7234** 

3860 Morrow Lane, Suite F Chico, California 95928

voice **530.894.8966** fax 530.894.5143

**Report To:** W.A.T.E.R.

724 BUTTE AVENUE

MOUNT SHASTA, CA 96067

**Reported:** 12/13/19 (530) 926-4339

**Lab No:** 19K0987

Phone: P.O. #

Attention: Project:

**RAVEN STEVENS** 

GENERAL TESTING BIG SPRINGS 2

### **Volatile Organic Compounds**

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyze	d Prepared	Batch
TRIP BLANK - Trip Blank Blank	k (19K0987-02)	Sampled	:11/25/19 00:00	Receive	d:11/25/	19 14:20			
Hexachlorobutadiene	n	ND			0.50	U	11	11/26/19	ti
Isopropylbenzene	ıı	ND			0.50	"	n	u	н
p-Isopropyltoluene	11	ND			0.50	**	**	"	11
Methyl tert-Butyl Ether (MTBE)	В	ND			0.50	11	71	U	u
Naphthalene	31	ND			0.50	"	"	ŧr.	H
n-Propylbenzene	n n	ND			0.50	n	11	**	н
Styrene	ii.	ND			0.50	**	,,	n	14
1,1,1,2-Tetrachloroethane	п	ND			0.50	11	31	"	"
tert-Amyl Methyl Ether (TAME)	n	ND			0.50	11	**	11	н
tert-Butyl Alcohol (TBA)	Ħ	ND			2.50		"	n	"
1,1,2,2-Tetrachloroethane	u	ND			0.50	n	11	u	n
Tetrachloroethene (PCE)	II.	ND			0.50	tt .	"	15	н
Toluene	n	ND			0.50	11	tr	11	H
1,2,3-Trichlorobenzene	н	ND			0.50	11		ti	n
1,2,4-Trichlorobenzene	ti .	ND			0.50	17	I†	u	tı
1,1,1-Trichloroethane (1,1,1-TCA)	U	ND			0.50	Ħ	**	н	н
1,1,2-Trichloroethane (1,1,2-TCA)	H	ND			0.50	н	11	"	п
Trichloroethene (TCE)	n	ND			0.50	u	*1	u	H
Trichlorotrifluoroethane (Freon 113)	11	ND			0.50	ti	11	n	и
Trichlorofluoromethane (Freon 11)	II	ND			0.50	"	11	Ŋ	U
1,2,4-Trimethylbenzene	It	ND			0.50	16	11	ıı	If
1,3,5-Trimethylbenzene	н	ND			0.50	11	11	ii .	If
Vinyl chloride	н	ND			0.50	11	11	II	*1
m,p-Xylene	II.	ND			1.00	н	ū	II .	"
o-Xylene	11	ND			0.50	11	li li	**	u u
Xylenes (total)	11	ND			1.00	11	н	11	If
Total Trihalomethanes	H .	ND			1.00	n	11	u	н



2218 Railroad Avenue

voice 530.243.7234 Redding, California 96001

fax 530.243.7494

3860 Morrow Lane, Suite F Chico, California 95928

voice 530.894.8966 fax 530.894.5143

Report To:

W.A.T.E.R.

724 BUTTE AVENUE

MOUNT SHASTA, CA 96067

Attention: **RAVEN STEVENS** Project:

GENERAL TESTING BIG SPRINGS 2

Lab No: 19K0987

Reported: 12/13/19

(530) 926-4339

Phone: P.O. #

### **Notes and Definitions**

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 QM-05

the laboratory is in control and the data is acceptable.

DET Analyte DETECTED

Analyte NOT DETECTED at or above the detection limit ND

NR Not Reported

Sample results reported on a dry weight basis dry

RPD Relative Percent Difference Less than reporting limit <

Less than or equal to reporting limit ≤

Greater than reporting limit

Greater than or equal to reporting limit ≥

MDL Method Detection Limit

RL/ML Minimum Level of Quantitation

MCL/AL Maxium Contaminant Level/Action Level

Results reported as wet weight mg/kg TTLC Total Threshold Limit Concentration STLC Soluble Threshold Limit Concentration

TCLP Toxicity Characteristic Leachate Procedure

Received Temperature - according to EPA guidelines, samples for most chemistry methods should be held at  $\leq 6$  degrees C after collection, including during Note 1

transportation, unless the time from sampling to delivery is <2 hours. Regulating agencies may invalidate results if temperature requirements are not met.

According to 40 CFR Part 136 Table II, the following tests should be analyzed in the field within 15 minutes of sampling: pH, chlorine, dissolved oxygen, and sulfite. Note 2

Basic Laboratory Inc California ELAP Cert #1677 and #2718



2218 Railroad Avenue Redding, California 96001

voice 530.243.7234 fax 530.243.7494

3860 Morrow Lane, Suite F Chico, California 95928

voice 530.894.8966 fax 530.894.5143

Lab No:

W.A.T.E.R. 724 BUTTE AVENUE MOUNT SHASTA, CA 96067

Sampled By: Client Contact: Phone:

**RAVEN STEVENS RAVEN STEVENS** 

Reported:

19K0987 11/26/19

(530) 926-4339

System Number:

Regulator:

Fax:

P.O. #

GENERAL TESTING BIG SPRINGS 2

# Coliform Analysis Report

Standard Total Coliform & E.coli

Analysis	Result	Chlorine (mg/l)	Sample Receipt Temp (C)*	Set Up	Read Out	Method
BIG SPRINGS MAI	N (19K0987-01	L) Grab Sample	d: 11/25/19 12:2	1 Received: 11/25,	/19 14:20	
Total Coliforms	Absent		8.1	11/25/19 17:15	11/26/19 11:15	Colilert
E. Coli	Absent		8.1			

### Notes and Definitions

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present.

The presence of Fecal coliforms and/or E. coli indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.

\* Sample Receipt Temp: According to 40 CFR 141.21, systems are encouraged but not required to hold samples below 10 degrees C during transit.

Approved By

Basic Laboratory Inc

California ELAP Cert #1677 and #2718

Page 1 of 1



# McCampbell Analytical, Inc.

"When Quality Counts"

# **Analytical Report**

WorkOrder:

1911D11

Report Created for:

Basic Laboratory, Inc.

2218 Railroad Avenue Redding, CA 96001

**Project Contact:** 

Jennifer McCurdy

Project P.O.:

Project:

19K0987

**Project Received:** 

11/27/2019

Analytical Report reviewed & approved for release on 12/05/2019 by:

Christine Askari

42.Q--

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.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

CA ELAP 1644 ♦ NELAP 4033 ORELAP

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

# Glossary of Terms & Qualifier Definitions

Client:

Basic Laboratory, Inc.

Project:

19K0987

WorkOrder:

1911D11

### **Glossary Abbreviation**

%D

Serial Dilution Percent Difference

95% Interval

95% Confident Interval

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 RRT Relative Percent Deviation
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)

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

# **Analytical Report**

Client:

Project:

Basic Laboratory, Inc.

**Date Received:** 11/27/19 9:32

Date Prepared: 12/2/19

19K0987

WorkOrder:

1911D11

**Extraction Method:** E525.2

Analytical Method: E525.2

Unit:

μg/L

	Sen	ni-Volat	tile Oı	rganics			
Client ID	Lab ID	Matrix		Date Coll	ected	Instrument	Batch ID
19K0987-01 BG SPRINGS MAIN	1911D11-001A	Water		11/25/2019	12:21	GC35 12041910.D	189778
Analytes	Result		MDL	RL	<u>DF</u>		Date Analyzed
Benzo (a) pyrene	ND		0.039	0.039	1		12/04/2019 13:21
Bis (2-ethylhexyl) Adipate	ND		0.20	0.20	1		12/04/2019 13:21
Bis (2-ethylhexyl) Phthalate	ND		0.20	0.20	1		12/04/2019 13:21
Surrogates	REC (%)			Limits			
Triphenyl phosphate	129			70-130			12/04/2019 13:21
Analyst(s): REB							

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

# **Quality Control Report**

Client: Basic Laboratory, Inc.

Date Prepared: 12/2/19 Date Analyzed: 12/4/19 **Instrument:** GC35

Matrix:

19K0987

Project:

Drinking Water

WorkOrder:

1911D11

BatchID:

189778

**Extraction Method: E525.2** 

Analytical Method: E525.2

Unit:

 $\mu g/L$ 

Sample ID:

MB/LCS/LCSD-189778

	QC Sui	nmary R	eport for	E525.2					
Analyte	MB Result		MDL	RL	,	SPK Val	MB SS %REC		MB SS .imits
Benzo (a) pyrene	ND		0.040	0.040		-	-	-	
Bis (2-ethylhexyl) Adipate	ND		0.20	0.20		-	_	-	
Bis (2-ethylhexyl) Phthalate	ND		0.20	0.20		-	-	-	
Surrogate Recovery									
Triphenyl phosphate	0.36					0.5	73	7	'0-130
Analyte	LCS Result	LCSD Result	SPK Val		LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Benzo (a) pyrene	0.36	0.37	0.50		72	74	70-130	3.35	20
Bis (2-ethylhexyl) Adipate	3.7	3.8	5		75	77	70-130	2.77	20
Bis (2-ethylhexyl) Phthalate	3.5	3.6	5	***************************************	71	73	70-130	2.87	20
Surrogate Recovery	nga dipining ay gangga kipik kings ora ga rasa kangga dipining kina gili dipining kina dipining kata dalah 190								
Triphenyl phosphate	0.49	0.51	0.50		99	102	70-130	2.99	20

ע פנטל		ClientCode: RAS	E EQUIS STEMAII HAR
CTON	30-0	Clien	Fmail
OL DI		19111011	Eouls
PHAIN_OF_PIICTONY DEPO		WorkOrder: 1911D11	Exce
			WaterTrax    WriteOn    EDF
al, Inc.			WaterTrax
ell Analytical, Inc.	w Pass Rd	A 94565-1701	1262

Page 1 of 1	QuoteID: 192096	☐ ThirdParty		Requested TAT: 5 days:			Date Received: 11/27/2019		
<b>CHAIN-OF-CUSTODY RECORD</b>	ClientCode: BASIC	HardCopy		Rednes	•		Date F	Data I	Tane T
STODY F	ClientCo	<b>✓</b> Email	Dry-Weight			ry. Inc.	Avenue	3001	asiclab.com
I-OF-CU	WorkOrder: 1911D11	EQuIS	Detection Summary	Bill to:	Nathan Hawley	Basic Laboratory, Inc.	2218 Railroad Avenue	Redding CA 96001	accounting@basiclab.com
CHAIN	WorkOrde	☐ Excel	Detectio	8					
		□ EDF			lab.com				
		☐ WriteOn			Email: jmccurdy@basiclab.com	ı		19K0987	
luc.		■ WaterTrax			Email: jn	cc/3rd Party:	PO:	Project: 19	
McCampbell Analytical, Inc.	Pittsburg, CA 94565-1701	2077-707			Jennifer McCurdy	Basic Laboratory, Inc.	2218 Railroad Avenue	Redding, CA 96001	530.243.7234 FAX: 530.243.7494

							Redn	ested T	ests (So	e leger	nd below	(×		-	
Lab ID	Client ID	Matrix	Collection Date Hol	1	2	8	4	2	9	7	<b>&amp;</b>	6	10	=	12
1911D11-001	19K0987-01 BG SPRINGS MAIN	Water	11/25/2019 12:21	4	A			-							
				(DOCUMENTO TO THE OWNER OF THE OWNER	Control of the Contro										

ġ	i	
9	כוכו	
ū	;	
9	2	

2	9	10
525_2_W		
-	S.	6

PRDisposal Fee	0	THE PROPERTY OF THE PROPERTY O
-ee	- Order	

7

4	8	12

Prepared by: Agustina Venegas

Susan is PM Comments:

Project Manager: Susan Thompson

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.

|--|

# McCampbell 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.mccampbell.com / E-mail: main@mccampbell.com

# **WORK ORDER SUMMARY**

Client Name:		BASIC LABORATORY, INC.			Project: 19K0987	K0987				Work	Work Order: 1911D11	11D11
Client Conta	Client Contact: Jennifer McCurdy	Curdy								00	OC Level:	
Contact's En	Contact's Email: jmccurdy@basiclab.com	basiclab.com			Comments: Susan is PM	ısan is PM				Date L	Date Logged: 11/27/2019	/27/2019
		□WaterTrax	□WriteOn	CEDF	Excel	EQuIS	Email	HardCo	☐ HardCopy ☐ ThirdParty 🗸 J-flag	<b>5</b>	Đ.	
Lab ID	Client ID	Matrix	Matrix Test Name		Cont. /Com	Containers Bottle /Composites	Containers Bottle & Preservative // Composites		De- Collection Date	TAT S	Sediment F	TAT Sediment Hold SubOut
1911D11-001A	1911D11-001A 19K0987-01 BG SPRINGS MAIN	RINGS Water	E525.2 (SVOCs)	(5		2 ILA	1LA w/ Na2SO3+HCI		11/25/2019 12:21 5 days		None	

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.

### SUBCONTRACT ORDER

# Basic Laboratory Inc

## 19K0987

SENDING LABORATORY:

Basic Laboratory Inc 2218 Railroad Avenue Redding, CA 96001-2504 Phone: (530) 243-7234 Fax: (530) 243-6204 RECEIVING LABORATORY:

McCAMPBELL ANALYTICAL INC

1534 WILLOW PASS RD PITTSBURG, CA 94565 Phone :(925) 252-9262

Fax: (925) 798-1622 jmccurdy@basiclab.com

Please use standard TAT unless specific due date is requested. Report to the MDL with J flags. Per Quote: 192096

Analysis

Due

Expires

Laboratory ID

Comments

Sample ID: 19K0987-01 BIG SPRINGS MAIN

Drinking '

Sampled: 11/25/19 12:21

525.2 SVOA SUB

Jennifer McCurdy

12/11/19 15:00 12/09/19 12:21

Containers Supplied:

1L Amber HCI (D)

1L Amber HCl (E)

P. C.C. 11-26-19 Date Received By Date Date

Released By

Date

Received By

Date

Page 1 of 1

UPS: 128034830378353175

0.50 WET

Comments:

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

# **Sample Receipt Checklist**

Client Name: Project:	Basic Laboratory, Ir 19K0987	ac.				Date and Time Received Date Logged: Received by:	: 11/27/2019 09:32 11/27/2019 Agustina Venegas
WorkOrder №: Carrier:	<b>1911D11</b> <u>UPS</u>	Matrix: <u>Water</u>				Logged by:	Agustina Venegas
		Chain of 6	Custod	y (COC) Info	rmati	on	
Chain of custody	present?		Yes	<b>✓</b>	No		
Chain of custody	signed when relinquis	hed and received?	Yes	•	No		
Chain of custody	agrees with sample la	abels?	Yes	•	No		
Sample IDs noted	d by Client on COC?		Yes	•	No		
Date and Time of	collection noted by C	lient on COC?	Yes	✓	No		
Sampler's name i	noted on COC?		Yes		No	<b>✓</b>	
COC agrees with	Quote?		Yes	✓	No		na 🗆
	*	<u>Samp</u>	le Rece	eipt Informat	tion		
Custody seals into	act on shipping contai	ner/cooler?	Yes		No		NA 🗹
Shipping containe	er/cooler in good cond	ition?	Yes	•	No		
Samples in prope	r containers/bottles?		Yes	<b>✓</b>	No		
Sample container	s intact?		Yes	<b>✓</b>	No		
Sufficient sample	volume for indicated t	est?	Yes	✓	No		
		Sample Preservati	on and	Hold Time (	II (TH)	nformation	
All samples receiv	ved within holding time	e?	Yes	•	No		NA 🗌
Samples Receive	•		Yes	•	No		
		(Ice Typ	e: WE	TICE )			
Sample/Temp Bla	nk temperature			Temp: 0.	5°C		NA 🗌
Water - VOA vials	have zero headspace	e / no bubbles?	Yes		No [		NA 🗹
Sample labels che	ecked for correct pres	ervation?	Yes	<b>✓</b>	No [		
pH acceptable upo <2; 522: <4; 218.7	on receipt (Metal: <2; ': >8)?	Nitrate 353.2/4500NO3:	Yes		No [		NA 🗹
	cceptable upon receip 3; 544: <6.5 & 7.5)?	ot (200.8: ≤2; 525.3: ≤4;	Yes		No [		na 🗹
Free Chlorine te	sted and acceptable (	upon receipt (<0.1mg/L)?	Yes		No [		NA 🗹
=====					==		

				BA	SIC LABORA	TORY CHAIN OF	CUS	OTE	DY F	REC	ORD	)		ميدا		1		LAB #:			
2218 Railroad Avenue, Redding, CA 96001 (530)								0) 243-7234 FAX (530) 243-7494											<u>i KC</u>	987	
WE Advocate Morough Environmental MAILING ADDRESS:  724 Butte Ave									PROJECT NAME: PROJECT #:									PAC	PAGEOF		
724 Butte Ave mt. Shasta, Ct 96067																		S:			
mt.	5h 43	J.	,	CA	91.06	7		<u> </u>	,	1	ANAL	YSIS	REQU	ESTE	D	1	1	MATRI	X / TYPI	E:	
PROJECT M	MANAGED:				White Health & Paris Control of the		-						75	£ 5	E ST	,		CUSTO	ンDY SE	AL INTACT?	
	Kalle	en.		5	tevens				A				23	53	T'S	3				lo N/A	
PHONE: 530-42	5-049	3	EM	AIL:	y raven@	Sbcglobala Net	NUMB	10	077				Y STR	25.5	30 AT	24.	5	SYSTE	M #:		
RESULTS SENT: Email Fax EDD Mail  INVOICE TO: W.A.T.E.R. 96067 PO#:							NUMBER OF BOTTLES	H	T F			,	な)だね	Pre	L'meny	2	25	EDD T	/PE:		
Po Boy	W.A.	Ti	E, 1+.	R, Sh	96067 PO	#:	OTTLES	1/9	+++				اعدار ر	Seleni	Cadini	V01	- ا	QC:	Standa	ard Level II	
SAMPLE DATE	SAMPLE TIME	WATER	COMP	SOLID	SAMPLE LOCATI	ON / IDENTIFICATION		4	1				allium	3	13 's	1,		LAB ID	R	HLORINE ESIDUAL COMMENTS	
																	$\Delta$		5	8-1°C	
1/25/19	12:21	X			BIG STAN	ngs(Main)		X									/				
املاح دانا	1-122	-			つ、く、		-	ļ						\ <u>\</u>		(	<u> </u>	igsqcut			
4/25/19	12:23	X			pig sprin	ngs (Maih)	<del> </del>										+	<del> </del>			
1/25/19	12:20	X			Big Spr	hos (mais)	<u> </u>										X				
	25/19/25/2 X Sig Springs (Main)															×	/				
700,11	10100				γ.,	PC															
					Trip B(	anh														(· 2°C	
D VA D 10 10 10 10 10 10 10 10 10 10 10 10 10																					
														emenador en te	-through problems	ENGLES.					
										AND	4 3 7 4	Lister	and and	ag.	فُد	Town	Section (Section)				
					By 90					Table Street	, J	۷QV	2	5 24	19	IJ	-				
					Principles of the Control of the Con	W. Co. St. Co. Co. Co. Co. Co. Co. Co. Co. Co. Co						* (	ء ، ک	$\Rightarrow \downarrow$			(Characterist)				
			_		VISC	67089A				13	*****		-			A					
											V	Sα	_	<u> </u>	013	1			<del></del>		
	DH-	22	()	-a	5-19 16:17	3															
PRESERVED	WITH: HING	23	H <sub>2</sub> S	SO <sub>4</sub>	NaOH ZnAc		NaTh	<u>ig</u>	ОТН	IER_											
RAMPLED BY	Jensti:	teu	iev	5		SAMPLE DATE/TIME:	lpm	RELIN	Rav	HED E	3Y: -}}	e vc	ns					DATE/TI	ME: -19	12:53m	
ECEIVED BY	Y(PRINT): Jen 5- Y: Y(LAB):			, ,		DATE/TIME: 1/-25-10) 12 DATE/TIME:	151	RELIN	QUISI	HED	BY:	- Andrews Constitution of the Constitution of	T		01	2	7	DATE/TI	ME:	12:53m 2:20pm	
IEGELVED BY	Y (LAB):	ر ۱۷	E		$\mathcal{O}$	DATE/TIME:	17	PROG.	ESSE	D ANI	) VEF	, NFIEC	BY:	Mr.		<u>6</u>		// <i>ーと</i> う DATE/TI	· / // ME:	2 copy	
OGGED IN B						11-25-19 14:	20	,	P_(	<u>၂ (</u>	<u></u> し		-					11.92	<u> -19</u>	14:25	
P-01	Ü					11:25-L9 14:			CAF	RRIER	l:		***********	_ '	COOL	ER TE	EMPE	RATURE	<b>=</b> :	°c	