basic laboratory
www.basiclab.com
2218 Railroad Avenue voice 530.243.7234
Redding, California 96001 fax 530.243.7494
3860 Morrow Lane, Suite F voice 530.894.8966
Chico, California 95928 fax 530.894.5143

Report To: SOUTHERN OREGON UNIVERSITY
351 WALKER AVENUE
ASHLAND, OR 97520

Lab Number: 16G0185
Date: 07/19/16
Phone: (541) 552-8624
P.O.#:

Attention: RUSSEL DEEN
Project Name: GENERAL TESTING

Sample Description: CASCADE NEW FOUNTAIN
Laboratory ID: 16G0185-01

Date Sampled: 07/06/16
Date Received: 07/06/16

	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
	pH		units		0.01
	Hardness-Total @CaCO3		mg/l		2
	Specific Conductance @25C		umhos/cm	900-1600-2200	10
	Total Dissolved Solids		mg/l	500-1000-1500	5
	MBAS		mg/l	0.5	0.05
	Copper		ug/l	1300	50
	Iron		ug/l	300	100
	Manganese		ug/l	50	20
	Zinc		ug/l	5000	50
General Physical	Turbidity		NTU	5	0.5
	Color, Apparent		units	15	5
	Odor		T.O.N.	3	1
Inorganic Chemical	Aluminum		ug/l	1000	50
	Antimony		ug/l	6	6.0
	Arsenic		ug/l	10	2
	Barium		ug/l	1000	100
	Beryllium		ug/l	4	1
	Cadmium		ug/l	5	1.0
	Chromium		ug/l	50	10
	Lead	ND	ug/l	15	5.0
	Mercury		ug/l	2	1
	Nickel		ug/l	100	10
	Selenium		ug/l	50	5.0
	Silver		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		ug/l	2	1.0
Miscellaneous	Boron		ug/l		100
	Temperature		°C		0.1
	Silica		mg/l		0.45
	Corrosivity - Aggressive Index				

Approved By
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

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Report To: SOUTHERN OREGON UNIVERSITY
351 WALKER AVENUE
ASHLAND, OR 97520

Lab Number: 16G0185
Date: 07/19/16
Phone: (541) 552-8624
P.O.#:

Attention: RUSSEL DEEN
Project Name: GENERAL TESTING

Sample Description: CASCADE OLD FOUNTAIN
Laboratory ID: 16G0185-02

Date Sampled: 07/06/16
Date Received: 07/06/16

	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
	pH		units		0.01
	Hardness-Total @CaCO3		mg/l		2
	Specific Conductance @25C		umhos/cm	900-1600-2200	10
	Total Dissolved Solids		mg/l	500-1000-1500	5
	MBAS		mg/l	0.5	0.05
	Copper		ug/l	1300	50
	Iron		ug/l	300	100
	Manganese		ug/l	50	20
	Zinc		ug/l	5000	50
General Physical	Turbidity		NTU	5	0.5
	Color, Apparent		units	15	5
	Odor		T.O.N.	3	1
Inorganic Chemical	Aluminum		ug/l	1000	50
	Antimony		ug/l	6	6.0
	Arsenic		ug/l	10	2
	Barium		ug/l	1000	100
	Beryllium		ug/l	4	1
	Cadmium		ug/l	5	1.0
	Chromium		ug/l	50	10
	Lead	ND	ug/l	15	5.0
	Mercury		ug/l	2	1
	Nickel		ug/l	100	10
	Selenium		ug/l	50	5.0
	Silver		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		ug/l	2	1.0
Miscellaneous	Boron		ug/l		100
	Temperature		°C		0.1
	Silica		mg/l		0.45
	Corrosivity - Aggressive Index				

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DLR - Reporting limit
MCL/ACL - Maximum contaminant level / action level

BASIC LABORATORY CHAIN OF CUSTODY RECORD

2218 Railroad Avenue, Redding, CA 96001 (530) 243-7234 FAX (530) 243-7494

LAB #: 1660185

PAGE 1 OF 1

CLIENT NAME: **SOUTHERN OREGON UNIVERSITY**

PROJECT NAME:

PROJECT #:

MAILING ADDRESS: 351 Walker Ave Ashland Or 97520

REPORT DUE DATE:

TURN AROUND TIME: Standard Rush

OF SAMPLES: 2

ANALYSIS REQUESTED

MATRIX / TYPE: DW

PROJECT MANAGER: **RUSSEL DEEN**

CUSTODY SEAL INTACT? Yes No N/A

PHONE: **541-552-8624**

EMAIL: deenr@sou.edu

SYSTEM #:

FAX:

RESULTS SENT: Email Fax EDD Mail

EDD TYPE:

INVOICE TO: **RUSSEL DEEN**

PO#:

QC: Standard Level II

SAMPLE DATE	SAMPLE TIME		WATER	COMP	SOLID	SAMPLE LOCATION / IDENTIFICATION	NUMBER OF BOTTLES	Pb by EPA 200.8	LAB ID	CHLORINE RESIDUAL OR COMMENTS
7/6/16	12:38	AM (PM)	X			Cascade New Fountain	1	X		17.0°C
7/6/16	12:39	AM (PM)	X			Cascade Old Fountain	1	X		24.3°C
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM PM								
		AM (PM)				pH <2 7-6-16 17.25				

PAID JUL 05 2016 By Visa Approval #07-7844 $42.-

PRESERVED WITH: (HNO3) H_2SO_4 NaOH ZnAce/NaOH HCL NaThio OTHER

SAMPLED BY (PRINT): Todd Tracy	SAMPLE DATE/TIME: 7/6/16 12:38p	RELINQUISHED BY:	DATE/TIME: 7/6/16 1:17pm
RECEIVED BY:	DATE/TIME:	RELINQUISHED BY:	DATE/TIME:
RECEIVED BY (LAB):	DATE/TIME: 7.6.16 13:18	PROCESSED AND VERIFIED BY: TWilhelmson	DATE/TIME: 7-6-16 1410
LOGGED IN BY: TWilhelmson	DATE/TIME: 7-6-16 1647	CARRIER: _____	COOLER TEMPERATURE: _____°c

INSTRUCTIONS, TERMS AND CONDITIONS ON BACK.

Regulated DW Only - Bacteria Sample Type: 1 = Routine, 2 = Repeat, 3 = Replacement, 4 = Special, 5 = Raw

Receipt

Invoice Number
1606733
Invoiced On
07/07/16

Invoice To
SOUTHERN OREGON UNIVERSITY
RUSSEL DEEN
351 WALKER AVENUE
ASHLAND, OR 97520

Project
GENERAL TESTING

Project Contact
RUSSEL DEEN
Project Number

PO Number

Work Order(s)
16G0185

basic laboratory

Thank you!

Basic Laboratory, Inc
2218 Railroad Avenue
Redding, CA 96001-2504
530-243-7234 x 203

Terms: Paid in Full

Quantity	Matrix	Analysis/Description	Unit Cost	Extended Cost
		Project turn around time: Standard		
2	Drinking Water	Pb Total ICPMS 200.8	$20.00	$40.00
2	Drinking Water	Sample Handling & Disposal Fee	$1.00	$2.00
			Total Paid	$42.00