



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

10 September 2019

Volcano CSD
Attn: George Barnes
P O Box 72
Volcano, CA 95689
RE: DBR
Work Order: 19H3492

Enclosed are the results of analyses for samples received by the laboratory on 08/29/19 22:33. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeanette L. Poplin For Karen L. Lantz
Project Manager



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P O Box 72
Volcano, CA 95689

Project Manager: George Barnes
Project: DBR
Project Number: 0300016

Reported:
09/10/19 15:53

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | T: 925-828-6226 | F: 925-828-6309 | ELAP# 2728
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | T: 916-686-5190 | F: 916-686-5192 | ELAP# 2922
North Bay: 110 Liberty Street | Petaluma, CA 94952 | T: 707-769-3128 | F: 707-769-8093 | ELAP# 2303
San Diego Service Center: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | T: 760-930-2555 | F: 760-930-2510

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
O/S Country Store	19H3492-01	Water	08/29/19 12:10	08/29/19 22:33
16430 Clapboard	19H3492-02	Water	08/29/19 12:00	08/29/19 22:33



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	Result	Reporting Limit	Dilution	Batch	Prepared	Analyzed	Method	Note
O/S Country Store (19H3492-01)		Sample Type: Water			Sampled: 08/29/19 12:10			
Volatile Organic Compounds by EPA Method 524.2								
Bromodichloromethane	ND ug/L	1.00	1	AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
Bromoform	ND ug/L	1.00	1	AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
Chloroform	ND ug/L	1.00	1	AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
Dibromochloromethane	1.14 ug/L	1.00	1	AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
Trihalomethanes (total)	1.14 ug/L	1.00	1	AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
<i>Surrogate: Bromofluorobenzene</i>	110 %	70-130		AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
<i>Surrogate: Dibromofluoromethane</i>	90.7 %	70-130		AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
<i>Surrogate: Toluene-d8</i>	97.4 %	70-130		AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
Haloacetic Acids by EPA Method 552.2								
Monobromoacetic Acid	ND ug/L	1.0	1	AI93067	09/04/19 03:00	09/05/19 14:13	EPA 552.2	
Monochloroacetic Acid	ND ug/L	2.0	1	AI93067	09/04/19 03:00	09/05/19 14:13	EPA 552.2	
Dibromoacetic Acid	ND ug/L	1.0	1	AI93067	09/04/19 03:00	09/05/19 14:13	EPA 552.2	
Dichloroacetic Acid	1.3 ug/L	1.0	1	AI93067	09/04/19 03:00	09/05/19 14:13	EPA 552.2	
Trichloroacetic Acid	ND ug/L	1.0	1	AI93067	09/04/19 03:00	09/05/19 14:13	EPA 552.2	
Total Haloacetic Acids (HAA5)	1.3 ug/L	1.0	1	AI93067	09/04/19 03:00	09/05/19 14:13	EPA 552.2	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	74.2 %	70-130		AI93067	09/04/19 03:00	09/05/19 14:13	EPA 552.2	
<i>Surrogate: 2-Bromopropionic Acid</i>	92.4 %	70-130		AI93067	09/04/19 03:00	09/05/19 14:13	EPA 552.2	
16430 Clapboard (19H3492-02)		Sample Type: Water			Sampled: 08/29/19 12:00			
Volatile Organic Compounds by EPA Method 524.2								
Bromodichloromethane	ND ug/L	1.00	1	AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
Bromoform	ND ug/L	1.00	1	AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
Chloroform	1.20 ug/L	1.00	1	AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
Dibromochloromethane	1.23 ug/L	1.00	1	AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
Trihalomethanes (total)	2.43 ug/L	1.00	1	AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
<i>Surrogate: Bromofluorobenzene</i>	113 %	70-130		AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
<i>Surrogate: Dibromofluoromethane</i>	95.7 %	70-130		AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	
<i>Surrogate: Toluene-d8</i>	100 %	70-130		AI93117	09/04/19 09:35	09/04/19 17:24	EPA 524.2	



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Reported:
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	Result	Reporting Limit	Dilution	Batch	Prepared	Analyzed	Method	Note
16430 Clapboard (19H3492-02)								
				Sample Type: Water		Sampled: 08/29/19 12:00		
Haloacetic Acids by EPA Method 552.2								
Monobromoacetic Acid	ND ug/L	1.0	1	AI93067	09/04/19 03:00	09/05/19 14:56	EPA 552.2	
Monochloroacetic Acid	ND ug/L	2.0	1	AI93067	09/04/19 03:00	09/05/19 14:56	EPA 552.2	
Dibromoacetic Acid	ND ug/L	1.0	1	AI93067	09/04/19 03:00	09/05/19 14:56	EPA 552.2	
Dichloroacetic Acid	1.2 ug/L	1.0	1	AI93067	09/04/19 03:00	09/05/19 14:56	EPA 552.2	
Trichloroacetic Acid	ND ug/L	1.0	1	AI93067	09/04/19 03:00	09/05/19 14:56	EPA 552.2	
Total Haloacetic Acids (HAA5)	1.2 ug/L	1.0	1	AI93067	09/04/19 03:00	09/05/19 14:56	EPA 552.2	
Surrogate: 2,3-Dibromopropionic Acid	74.5 %	70-130		AI93067	09/04/19 03:00	09/05/19 14:56	EPA 552.2	
Surrogate: 2-Bromopropionic Acid	94.4 %	70-130		AI93067	09/04/19 03:00	09/05/19 14:56	EPA 552.2	



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Notes and Definitions

- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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Bay Area Laboratory
262 Rickenbacker Circle, Livermore, CA 94551
925-828-6226 F) 925-828-6309

Central Valley Laboratory
9090 Union Park Way #113, Elk Grove CA 95624
916-886-5190 F) 916-886-5192

ELAP Certifications
Ukiah 1551 / Dublin 2728 / Elk Grove 2922

Chain of Custody - Work Order

Reports and invoices delivered by email in PDF format

Lab No **19H13492**

Pg **1** of **1**

Alpha
Analytical Laboratories Inc.
www.alpha-labs.com
WATERS, SEDIMENTS, SOLIDS

Report to		Invoice to (if different)		Project Information				Signature below authorizes work under terms stated on reverse side.	
Company: Volcano CSD		Contact:		Project ID:		Analysis Request		TAT	
Attn: George Barnes		Email address:		DBP		Standard 10 days		Temp upon Receipt °C	
Address: PO Box 72 Volcano, CA 95689		Address: 0300016		Project No:		Standard 5 days X 48 hours		Ukiah temp: 4.1°C	
Phone/Fax: 209-296-4888		Phone/Fax:		PO Number:		Other: _____ days		Dublin temp: _____	
Email Address:				Internal Lab Use: 352		Lab preapproval required		Elk Grpve temp: ✓ 7°C	
Field Sampler - Printed Name & Signature: George Barnes <i>George Barnes</i>				Container		Preservative		Sample Notes or CDPH Source Numbers:	
Sample Identification		40ml Vial		NH4Cl		NaOH		DUE THIRD QUARTER	
6430 Clapboard		X		HNO3		Na2S2O3		LL FAXED	
Date		Poly		Other		None			
8-29 12:10		X		Sleeve		Water DW			
Time		Other		Soil		Other			
12:00		X		Matrix		Total Number of Containers per Sample ID			
Date		Date		Date		Date			
8-29		8-29-19		8-29-19		8-29-19			
Time		Time		Time		Time			
12:10		1300		1400		1555			
Date		Date		Date		Date			
8-29-19		8-29-19		8-29-19		8-29-19			
Time		Time		Time		Time			
12:10		1300		1400		1555			
Relinquished by <i>George Barnes</i>				Received by <i>[Signature]</i>				CDPH Write On EDT Transmission?	
Signature				Signature				State System Number: 0300016	
Signature				Signature				If "Y" please enter the Source Number(s) in the column above	
Signature				Signature				Mail Hardcopy to DDW.?	
Signature				Signature				Hardcopy to DDW attr:	
Signature				Signature				Travel and Site Time	
Signature				Signature				Misc. Supplies	