

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

27 January 2022

Volcano CSD Attn: Nick Lawson P O Box 72 Volcano, CA 95689 RE: Source Chemical Monitoring Work Order: 21L3422

Enclosed are the results of analyses for samples received by the laboratory on 12/21/21 22:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sheri Speaks

Sheri L. Speaks For Karen L. Lantz Project Manager



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

Volcano CSD	Project Manager: Nick Lawson	
P O Box 72	Project: Source Chemical Monitoring	Reported:
Volcano, CA 95689	Project Number: 0300016	01/27/22 06:13

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: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | T: 760-930-2555 | F: 760-930-2510 | ELAP# 3055

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Well #1	21L3422-01	Water	12/21/21 09:00	12/21/21 22:50
Well #2	21L3422-02	Water	12/21/21 09:00	12/21/21 22:50

January 26, 2022

Ukiah, CA 95482

Alpha Analytical Laboratories, Inc.	Lab ID	: SP 2118440
Attn: Leslie Quinn	Customer	: 2-20626
208 Mason St.		

Laboratory Report

Analytical Chemists

AGRICULTURAL

Introduction: This report package contains total of 4 pages divided into 3 sections:

ENVIRONMENTAL

Case Narrative	(1 pages) : An overview of the work performed at FGL.
Sample Results	(2 pages) : Results for each sample submitted.
Quality Control	(1 page) : Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
VOLCANO CSD WELL 01	12/21/2021	12/27/2021	SP 2118440-001	W
VOLCANO CSD WELL 02	12/21/2021	12/27/2021	SP 2118440-002	W

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived at room temperature. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

	Kaulo QC
900.0	01/11/2022:200484 All analysis quality controls are within established criteria
	12/29/2021:214939 All preparation quality controls are within established criteria (performed at FGL-SP ELAP# 1573)

Radio OC

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:MKH

Approved By Kelly A. Dunnahoo, B.S. on Title: Le

Digitally signed by Kelly A. Dunnahoo, B.S. Title: Laboratory Director Date: 2022-01-26

Page 1 of 4

Office & Laboratory Corporate Offices & Laboratory Office & Laboratory Office & Laboratory Office & Laboratory 3442 Empresa Drive, Suite D 9415 W. Goshen Avenue 853 Corporation Street 2500 Stagecoach Road 563 E. Lindo Avenue Santa Paula, CA 93060 Stockton, CA 95215 Chico, CA 95926 San Luis Obispo, CA 93401 Visalia, CA 93291 TEL: (805)392-2000 TEL: (209)942-0182 TEL: (530)343-5818 TEL: (805)783-2940 TEL: (559)734-9473 Env FAX: (805)525-4172 / Ag FAX: (805)392-2063 FAX: (209)942-0423 FAX: (530)343-3807 FAX: (805)783-2912 FAX: (559)734-8435 CA ELAP Certification No. 1573 CA ELAP Certification No. 1563 CA ELAP Certification No. 2670 CA ELAP Certification No. 2775 CA ELAP Certification No. 2810



RADIO CHEMICALS ANALYSIS

Date of Report	: January 26, 2022	Sample ID	: SP 2118440-001
Laboratory Name Sampled On Received On Completed On	e : FGL Environmental : 12/21/2021-09:00 : 12/27/2021-10:03 : 01/26/2022-14:30	Approved By Kelly A. Do Sampler Employed By	unnahoo, B.S. i Digitally signed by Kelly A. Dunnahoo, B.S. Title: Laboratory Director Date: 2022-01-26 : Nick Lawson : Same
System Name	VOLCANO COMMUNITY SER	VICE Number : CA	A0300016_001_001 EDT

DIST

Name Or Number of Sample Source : VOLCANO CSD WELL 01

Station Number	: CA0300016_001_001	
Date/Time of Sample	: 2112210900 Laboratory Code : 5 8 6	7
	YYMMDDTTTT Lab Location : Santa Pau	ıla, CA
Submitted By	: FGL Environmental Phone # : (805) 392	2-2000

RADIOLOGICAL

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
900.0	15	pCi/L	Gross Alpha	01501	3.57	3
900.0		pCi/L	Gross Alpha Counting Error	01502	± 1.20	
900.0		pCi/L	Gross Alpha MDA95	A-072	0.868	

Including Radium But excluding Uranium. (Ref. Title 22 sec. 64442.)

MCL - Maximum Contaminant Level, DLR -Detection Limit for Reporting Purpose, ND - Not Detected at or above DLR

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RADIO CHEMICALS ANALYSIS

Date of Report	ate of Report : January 26, 2022		Sample ID	: SP 2118440-002			
Laboratory Name :		FGL Environmental	Approved By Kelly A. Dunnahoo, B.S. O Digitally signed by Kelly A. Dunn Title: Laboratory Director Date: 2022-01-26				
Sampled On	:	12/21/2021-09:00					
Received On	:	12/27/2021-10:03	Sampler	: Nick Lawson			
Completed On	:	01/26/2022-14:30	Employed By	: Same			
: DI	ST	ANO COMMUNITY SERVI		A0300016_002_002 EDT			
Name Or Number o	f Sam	ple Source : VOLCANO	CSD WELL 02				
Station Number		: CA0300016_002_002	2				
Date/Time of Sample : 21122		: 2112210900	Laboratory	Code : 5 8 6 7			
		YYMMDDTTTT	Lab Loo	cation : Santa Paula, CA			

RADIOLOGICAL

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
900.0	15	pCi/L	Gross Alpha	01501	9.40	3
900.0		pCi/L	Gross Alpha Counting Error	01502	± 1.78	
900.0		pCi/L	Gross Alpha MDA95	A-072	0.819	

Including Radium But excluding Uranium. (Ref. Title 22 sec. 64442.)

:

DLR -Detection Limit for Reporting Purpose, MCL - Maximum Contaminant Level,

FGL Environmental

ND - Not Detected at or above DLR

(805) 392-2000

Phone # :

2

Submitted By

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January 26, 2022 Alpha Analytical Laboratories, Inc.

Lab ID Customer : SP 2118440 : 2-20626

Quality Control - Radio

Constituent		Method	Date/ID	Туре	Units	Conc.	QC Data	DQO	Note
Radio									
Alpha		900.0	01/11/22:200484JCA	CCV CCB	cpm cpm	7600	41.0 % 0.1200	35-47 0.17	
Gross Alpha		900.0	12/29/21:214939ejc	Blank LCS MS	pCi/L pCi/L pCi/L	201.1 201.1	0.34 74.8 % 88.7 %	3 75-125 60-140	
			(SP 2118379-001)	MSD MSRPD	pCi/L pCi/L	201.1 201.1	88.2 % 0.6%	60-140 ≤30	
Definition									
CCV	U		tion - Analyzed to verif	•			criteria.		
CCB			Analyzed to verify the						
Blank		1	fy that the preparation	1				L	
LCS	•		mple - Prepared to veri	· 1	1 1				
MS	1	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.							
MSD	1	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.							
MSRPD	: MS/MSD Relativ and analysis.	ve Percent Diffe	erence (RPD) - The MS	relative per	cent differenc	e is an indic	ation of precis	ion for the p	reparation
DQO	: Data Quality Ob	jective - This is	the criteria against whi	ch the quali	ty control data	a is compare	d.		

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SUBCONTRACT ORDER

Alpha Analytical Laboratories, Inc.

21L3422

21140440

SENDING LABORATORY:	RE	CEIVING LABORA	TORY:	
Alpha Analytical Laboratories, Inc.	FG	L Environmental		
208 Mason St.	853	3 Corporation Stree	t	
Ukiah, CA 95482		nta Paula, CA 9306		
Phone: (707)468-0401		one :(805) 392-200		
Fax: (707)468-5267		k: (805) 525-4172		
Project Manager: Karen L. Lantz		rms: Net 30		
Analysis	Due	Expires	Comments	
21L3422-01 Well #1 [Water] Sampled 12/21/21	09:00		CA030016-0	01_001
Gross Alpha SUB	01/07/22 15:00	06/19/22 09:00		
Containers Supplied:				
1L Poly - Unpres (A)				
21L3422-02 Well #2 [Water] Sampled 12/21/21	09:00	C	A030016_00	2_002
Gross Alpha SUB	01/07/22 15:00	06/19/22 09:00		
Containers Supplied:				
1L Poly - Unpres (A)				
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Report to State	9.			
System Name: Volcano CSD	Employed by:	ane	- <u>····-</u>	
User ID: 030	Sampler: Nick	Lawson		
System Number: 0300016				
System Number:				
Released By Date 12.22.2	(
Réleased By U Date	Rec	eived By	Date	
Released By Date	Rec	eived By	Date	
Released By Date	Rec	eived By	Date ZGGH	300374628631
Released By Date	A Rec	eived By	Date	
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Reliased By Date	() Rec	eived By	Date	Page 1 of 1

Condition Upon Receipt (Attach to COC) SP 2118440

Sample Receipt at SP:							
1. Number of ice chests/packages received:	1	_					
2. Shipper tracking numbers 1z88425003	748288	31					
3. Were samples received in a chilled condition?							
Temps:	RRT	_/	_/	/	/	/	/
4. Surface water (SWTR) bact samples: A sample that has should be flagged unless the time since sample collection					0C, whe	ther iced o	or not,
5. Do the number of bottles received agree with the COC?		No	N/A	o nours.			
6. Verify sample date, time, sampler	Yes	No	N/A				
7. Were the samples received intact? (i.e. no broken bottles, leaks, etc.)	Yes	No	,				
8. Were sample custody seals intact?	Yes	No	N/A				
Sample Verification, Labeling and Distribution:							
1. Were all requested analyses understood and acceptable?	Yes	Νο					
2. Did bottle labels correspond with the client's ID's?	Yes	No					
3. Were all bottles requiring sample preservation properly preserved? [Exception: Oil & Grease, VOA and CrVI verified in lab]	Yes	No	N/A	FGL			
4. VOAs checked for Headspace?	Yes	No	N/A				
5. Were all analyses within holding times at time of receipt?	Yes	No					
6. Have rush or project due dates been checked and accepted?	Yes	No	N/A				
Include a copy of the COC for lab delivery. (Bacti. Inorgani	cs and F	Radio)					
	eviewed a opproved I		Covarru	ibias 🔞	Digitally signed Title: Sample R Date: 12/27/20	d by Inez Covarrubia Receiving)21-11:18:56	us
Discrepency Documentation: Any items above which are "No" or do not meet specificat 1. Person Contacted: Initiated By: Problem:		. temps) e Number		e resolved			
Resolution:							
2. Person Contacted: Initiated By: Problem:	Phone Date:	e Number	: 				
Resolution:							
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				SP 22	11844	40	

IV/CNR-12/27/2021-11:18:56



WATERS, SEDIMENTS, SOLIDS

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Corporate Laboratory 208 Mason Street, Ukiah CA 95482 707-468-0401 F) 707-468-5267 email: clientservices@alpha-labs.com

ELAP Certifications Ukiah 1551 / Dublin 2728 / Elk Grove 2922 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 916-686-5190 F) 916-686-5192

Chain of Custody - Work Order

- -

Reports and Invoices delivered by email in PDF format

Lab No_2113422 of 2 Pq

Report to	In	Invoice to (if different)						Project Information								_			Sig	natu	ure below authorizes work under terms sta								rms stated on rev	tated on reverse side.		
Сотрапу:	Contact:						Ē	Project ID:								Analysis Request TAT										TAT	Temp upon					
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Nick Lawson									Project No:							Sample ID		-	1										10 days	Ukiah temp;		
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PO Box 72																			1									┢	<u> </u>	-		
Volcano, CA 95689	Phone/Fax:									PO Number:																			Standard 🕁	<u> </u>		
Phone/Fax:	FIIONE/Fax.															per		1											Standard p 5 days 5 X 2	Dublin temp:		
209-304-7628 Email Address:							4	nter	mal	Lab		<u> </u>		_		Containers																
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<u>nlwsn49@gmail.com</u> Field Sampler - Printed Name & Signatu			T	Cor	ntaiı	nor	-т	Pr	ese			<u> </u>	_	atri	x	Son													Other:	Elk Grove temp:		
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Nick Cawson / M	Aler	r	al							5	ا ي					Total Number	s Alpha												48 hours Terood Other: Other: Other: Other Other: Other	4-0		
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Chain of Custody - Work Order

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2113422 Pg 2 of 2 Lab No

Report to		Invoice to (if different)							Proj	ject	Info	orma	atior	1				Sigr	natur	ture below authorizes work under terms stated on reverse side.						erse side.	
Company:	Contact:							Project ID:								Т				ysis							
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	Email address:								_		!	_			-											Standard	Receipt °C
Nick Lawson Address:	Address:							Project No:																		10 days	Ukiah temp:
PO Box 72								0300016-Raw							Sample ID												50
Volcano, CA 95689							╞	PO Number:							- E												2-
Phone/Fax:	Phone/Fax:						- ^r	'U N	umi	Der:	1															Standard 🕁	<u> </u>
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