



*Alpha*

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Alpha Analytical Laboratories, Inc.

email: [clientservices@alpha-labs.com](mailto:clientservices@alpha-labs.com)

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

03 March 2022

Volcano CSD

Attn: Nick Lawson

P O Box 72

Volcano, CA 95689

RE: Source Chemical Monitoring

Work Order: 22B2949

Enclosed are the results of analyses for samples received by the laboratory on 02/23/22 21:50. 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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Volcano CSD P O Box 72 Volcano, CA 95689	Project Manager: Nick Lawson Project: Source Chemical Monitoring Project Number: 0300016	Reported: 03/03/22 14:35
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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
Finished Well Water Well 01 & 02 Plant	22B2949-01	Water	02/22/22 16:30	02/23/22 21:50

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



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	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
<b>Finished Well Water Well 01 &amp; 02 Plant (22B2949-01)</b>			<b>Sample Type: Water</b>			<b>Sampled: 02/22/22 16:30</b>				
<b>Metals (Drinking Water) by EPA 200 Series Methods</b>										
Iron	ND	ug/L	100	1	AB24420	03/01/22 09:56	03/02/22 17:19	1551	EPA 200.7	
Manganese	ND	ug/L	20	1	AB24420	03/01/22 09:56	03/02/22 17:19	1551	EPA 200.7	
<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>										
Color	ND	CU	5.0	1	AB24264	02/23/22 15:22	02/23/22 15:22	2922	SM2120B	
<b>Turbidity</b>	<b>0.10</b>	<b>NTU</b>	<b>0.10</b>	1	AB24262	02/23/22 15:04	02/23/22 15:04	2922	SM2130B	

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**Metals (Drinking Water) by EPA 200 Series Methods - Quality Control**

Analyte(s)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AB24420 - Metals Digest</b>										
<b>Blank (AB24420-BLK1)</b>				Prepared: 03/01/22 Analyzed: 03/02/22						
Iron	ND	100	ug/L							
Manganese	ND	20	ug/L							
<b>LCS (AB24420-BS1)</b>				Prepared: 03/01/22 Analyzed: 03/02/22						
Iron	2040	100	ug/L	2000		102	85-115			
Manganese	205	20	ug/L	200		102	85-115			
<b>Duplicate (AB24420-DUP1)</b>				<b>Source: 22B2375-03</b> Prepared: 03/01/22 Analyzed: 03/02/22						
Iron	ND	100	ug/L		ND				20	
Manganese	ND	20	ug/L		ND				20	
<b>Matrix Spike (AB24420-MS1)</b>				<b>Source: 22B2375-03</b> Prepared: 03/01/22 Analyzed: 03/02/22						
Iron	2090	100	ug/L	2000	ND	105	70-130			
Manganese	211	20	ug/L	200	ND	106	70-130			
<b>Matrix Spike (AB24420-MS2)</b>				<b>Source: 22B3079-03</b> Prepared: 03/01/22 Analyzed: 03/02/22						
Iron	2100	100	ug/L	2000	ND	105	70-130			
Manganese	212	20	ug/L	200	ND	106	70-130			
<b>Matrix Spike Dup (AB24420-MSD1)</b>				<b>Source: 22B2375-03</b> Prepared: 03/01/22 Analyzed: 03/02/22						
Iron	2080	100	ug/L	2000	ND	104	70-130	0.851	20	
Manganese	210	20	ug/L	200	ND	105	70-130	0.705	20	

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 Volcano, CA 95689

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 Project: Source Chemical Monitoring  
 Project Number: 0300016

Reported:  
 03/03/22 14:35

**Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control**

Analyte(s)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AB24262 - General Prep (CV)</b>										
<b>Duplicate (AB24262-DUP1)</b>		<b>Source: 22B2949-01</b>			Prepared & Analyzed: 02/23/22					
Turbidity	ND	0.10	NTU		0.101			5.08	15	
<b>Batch AB24264 - General Prep (CV)</b>										
<b>Blank (AB24264-BLK1)</b>		Prepared & Analyzed: 02/23/22								
Color	ND	5.0	CU							
<b>Duplicate (AB24264-DUP1)</b>		<b>Source: 22B2949-01</b>			Prepared & Analyzed: 02/23/22					
Color	ND	5.0	CU		ND				20	



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**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- REC Recovery
- RPD Relative Percent Difference

Non-accredited analytes are reported only when ELAP accreditation for a requested analyte is not available. For a list of accredited analytes, view our certificates at the Company link on our website at [www.alpha-labs.com](http://www.alpha-labs.com) or contact your Project Manager directly.

# Chain of Custody - Work Order

Reports and Invoices delivered by email in PDF format

Lab No 22B2949 Pg      of     

Signature below authorizes work under terms stated on reverse side.

Report to		Invoice to (if different)				Project Information			Analysis Request										TAT	Temp upon Receipt °C		
Company: Volcano CSD		Contact:				Project ID:			Total Number of Containers per Sample ID CV - Color - 500 mL CV - Turbidity - 500 mL Fe, Mn by 200.7										Standard 10 days	Ukiah temp: 2		
Attn: Nick Lawson		Email address:				SCM - MONTHLY													Standard 5 days	Lab preapproval required	Dublin temp:	
Address: PO Box 72 Volcano, CA 95689		Address:				Project No: 0300016													X		Elk Grove temp: 4.4	
Phone/Fax: 209-304-7628		Phone/Fax:				PO Number:													48 hours	Other: <u>    </u> days		
Email Address: nlwsn49@gmail.com		Internal Lab Use: 355				Field Sampler - Printed Name & Signature: Nick Lawson <i>N. Lawson</i>													Sample Notes or CDPH Source Numbers: 0300016-005TRT			
Sample Identification		Sampling		Container					Preservative					Matrix								
Date	Time	40ml Vial	Poly	Glass	Sleeve	Other	HCl	HNO3	NaOH	Na2S2O3	None	Water DW	Soil	Other								
Finished Well Water	2-22 1630			X							X	X			1	X						
Well 01 & 02 Plant			X								X	X			1	X						
			X					X				X			1		X					
Relinquished by		Received by					Date	Time	CDPH Write On EDT Transmission? Yes No													
<i>N. Lawson</i>		<i>[Signature]</i>					2-22	1715	State System Number: 0300016													
<i>[Signature]</i>		<i>[Signature]</i>					2-23-22	0840	If "Y" please enter the Source Number(s) in the column above													
<i>[Signature]</i>		<i>[Signature]</i>					2-23-22	1410	Mail Hardcopy to DDW-? Yes No													
<i>[Signature]</i>		<i>[Signature]</i>					2-23	1920	Hardcopy to DDW attn:													
							7-23	215	Travel and Site Time:		Mileage:		Misc. Supplies:									

SCANNED