



PRECISION ENVIRO-TECH

Analytical Laboratory

3935 N. Coronado Ave, Stockton CA. 95204 Phone: (209) 477-8105

17 November 2024

Tim McGinty

Yosemite Alpine CSD

P.O.Box 31

Fish Camp, CA 93623

RE: CA2210923-Distribution

Enclosed are the results for sample(s) received on 12-Nov-24 17:30 by Precision Enviro-Tech. The sample(s) were analyzed according to instructions in accompanying chain-of-custody, utilizing EPA or other ELAP approved methodologies and . Results are summarized on the following pages.

Note: Total Coliform and E.Coli Test in Drinking Water using Coli-ert (P/A) or by Quanti-Tray testing method. The State Board of Health requires that bacteriological results must be 'ABSENCE' or less than 1 (for Quanti-Tray method) to meet drinking water requirements. All other testing parameter results must be below **MCL** to meet drinking water requirements. (***MCL-Maximum contaminant level is the highest concentration of chemicals permitted in drinking water systems***)

Thank you for the opportunity to service the needs of your company.

Sincerely,

Jonathan H. V. Le

Technical Manager



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CERTIFICATE OF ANALYSIS

Yosemite Alpine CSD
P.O.Box 31
Fish Camp, CA 93623

Project Number: Distribution
Project Name: CA2210923
Project Manager: Tim McGinty

Work Order No.:

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Outside Tap @ Forest	2411174-01	Water	12-Nov-24 13:30	12-Nov-24 17:30
CA2210923_001_001	2411174-02	Water	12-Nov-24 13:40	12-Nov-24 17:30
CA2210923_002_002	2411174-03	Water	12-Nov-24 13:45	12-Nov-24 17:30



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Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting		Dilution	Batch	Analyzed	Method	MCL	Notes
		Limit	Units						
CA2210923_001_001 (2411174-02) Water Sampled: 12-Nov-24 13:40 Received: 12-Nov-24 17:30									
Nitrate as N	0.934	0.400	mg/L	1	AK41334	13-Nov-24	EPA 300.0	10	
CA2210923_002_002 (2411174-03) Water Sampled: 12-Nov-24 13:45 Received: 12-Nov-24 17:30									
Nitrate as N	0.415	0.400	mg/L	1	AK41334	14-Nov-24	EPA 300.0	10	



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Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting		Dilution	Batch	Analyzed	Method	MCL	Notes
		Limit	Units						

Outside Tap @ Forest (2411174-01) Water Sampled: 12-Nov-24 13:30 Received: 12-Nov-24 17:30

Residual Chlorine	ND	0.0200	mg/L	1	AK41305	12-Nov-24	Hach (10ml Vial & Reagent)		
Total Coliforms	< 1.0	1	MPN/100 ml	"	AK41313	12-Nov-24	SM9223B/QT		
E. Coli	< 1.0	1	"	"	AK41313	"	"		



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Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
Blank (AK41334-BLK1)								
Nitrate as N	ND	0.400	mg/L					
LCS (AK41334-BS1)								
Nitrate as N	8.90	0.400	mg/L	9.03		99		
LCS Dup (AK41334-BSD1)								
Nitrate as N	8.68	0.400	mg/L	9.03		96	2	
MRL Check (AK41334-MRL1)								
Nitrate as N	0.346	0.400	mg/L	0.226		153		
Matrix Spike (AK41334-MS1)								
Nitrate as N	15.2	0.400	mg/L	11.3	3.73	102		
Matrix Spike Dup (AK41334-MSD1)								
Nitrate as N	14.9	0.400	mg/L	11.3	3.73	99	2	
Reference (AK41334-SRM1)								
Nitrate as N	2.14	0.400	mg/L	2.26		95		

Notes and Definitions

Item	Definition
Dry	Sample results reported on a dry weight basis.
ND	Analyte NOT DETECTED at or below the reporting limit.
mg/L = milligrams per Liter = ppm	G- Grab Sample
ug/L = micrograms per Liter = ppb	C-Composite Sample
	Comp-Grab- Composite of 4 Grab Sample during 24hrs Grab period and composite into 1 sample prior analysis
DLR = Detection Limit for Purpose of Reporting.	
Exceptional sample matrices or interferences may result in higher detection limits.	
MCL- Maximum contaminant level (MCL) is the highest concentration of chemicals permitted in drinking water systems	
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.

MMO-MUG-P/A - Total Coliform and E.Coli Test in Drinking Water by MMO-MUG, using Standard Method 22nd Edition.

The State Board of Health requires that bacteriological results must be 'ABSENCE' or less than 1.1 (for MTF method) to meet drinking water requirements.

