

May 31, 2022

Almanor Heights Mutual Water Co.
 Attn: John Fourcroy
 2737 Scott Dr
 Prattville, CA 95923

Lab ID : CH 2273098
 Customer : 7-9457

Laboratory Report

Introduction: This report package contains total of 5 pages divided into 4 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(1 page)	: Results for each sample submitted.
Interpretation	(1 page)	: Drinking Water Interpretation 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
WELL 01	05/05/2022	05/05/2022	CH 2273098-002	DW

Sampling and Receipt Information: The sample was performed by FGL using the following methods (where applicable):

Bacteriological Sampling	- SOP:200900141
Grab sampling for liquids	- SOP:200900137
Composite sampling for liquids	- SOP:200900139
Grab sampling for solids	- SOP:200900142
Composite sampling for solids	- SOP:200900143

All samples were received, prepared and analyzed within the method specified holding times. All samples arrived on ice. 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:

Inorganic - Wet Chemistry QC


4500NO3F	05/06/2022:206533 All analysis quality controls are within established criteria
	05/06/2022:206534 All analysis quality controls are within established criteria
	05/06/2022:205039 All preparation quality controls are within established criteria (performed at FGL-SP ELAP# 1573)
	05/06/2022:205040 All preparation quality controls are within established criteria (performed at FGL-SP ELAP# 1573)

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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:GMA

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2022-05-31

INORGANIC CHEMICALS ANALYSIS

Date of Report	: May 31, 2022	Sample ID	: CH 2273098-002
Laboratory Name	: FGL Environmental	Approved By	: Kelly A. Dunnahoo, B.S.  Digitally signed by Kelly A. Dunnahoo, B.S. Title: Laboratory Director Date: 2022-05-31
Sampled On	: 05/05/2022-10:45	Sampler	: Stephen Semple
Received On	: 05/05/2022-14:27	Employed By	: FGL Environmental
Completed On	: 05/24/2022-15:45		

System Name : ALMANOR HEIGHTS MWC Number : CA3200139_001_001 **EDT**
Name Or Number of Sample Source : WELL 01

Station Number	: CA3200139_001_001	Laboratory Code	: 5 8 6 7
Date/Time of Sample	: 2205051045 YYMMDDTTTT	Lab Location	: Santa Paula, CA
Submitted By	: FGL Environmental	Phone #	: (805) 392-2000

ADDITIONAL INORGANIC

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
4500NO3F	10	mg/L	Nitrate as N (Nitrogen)	00618	ND	0.4
4500NO3F	10	mg/L	Nitrate + Nitrite as N	A-029	ND	0.2
4500NO3F	1	mg/L	Nitrite as N (Nitrogen)	00620	ND	0.4

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

Drinking Water Interpretation

Summary: Your Water was acceptable for all items tested on this sample report. Details are presented below:

CONSTITUENT	RESULT	UNITS	MCL	MCL	
				LESS OR EQUAL	EXCEED
Inorganic - Primary					
Nitrate + Nitrite as N	ND	mg/L	10	Pass	
Nitrate Nitrogen	ND	mg/L	10	Pass	
Nitrite Nitrogen	ND	mg/L	1	Pass	

ND=Non-Detected.

MCL: The maximum level at which a constituent may be present and be considered acceptable for potability or aesthetics.

Primary: Items listed as primary are regulated because of health concerns. If there is a failure for a primary constituent treatment is normally required.

Secondary: Items listed as secondary are regulated because they may adversely affect the taste, odor or appearance of drinking water. They are not directly health related. If there is a failure for a secondary constituent on a small public water system it is best to consult your regulator to determine if treatment is required. A secondary constituent failure for a private water system does not require treatment. However, the owner may wish to treat the water in order to improve the quality.

Treatment: If your water requires treatment we suggest that you contact a qualified water treatment company. They are normally listed in the yellow pages under the following topics:

- Water Purification & Filtration Equipment**
- Water Softening & Conditioning Equipment**
- Water Treatment Equipment**



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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Nitrate + Nitrite as N	4500NO3F	05/06/22:205039VVH (CH 2273094-004)	Blank	mg/L		ND	<0.2	
			LCS	mg/L	11.22	103%	80-120	
			MS	mg/L	5.609	102%	5-285	
			MSD	mg/L	5.609	102%	5-285	
	MSRPD	mg/L	5.609	0.3%	≤30.4			
	4500NO3F	05/06/22:206534vvh	CCB	mg/l		0.0440	0.2	
		CCV	mg/l	11.22	98.8%	90-110		
		CCB	mg/l		0.00200	0.2		
		CCV	mg/l	11.22	98.8%	90-110		
Nitrate Nitrogen	4500NO3F	05/06/22:205039VVH	Blank	mg/L		ND	<0.2	
Nitrite as Nitrogen	4500NO3F	05/06/22:205040VVH (CH 2273094-004)	Blank	mg/L		ND	<0.2	
			LCS	mg/L	1.218	107%	80-120	
			MS	mg/L	0.6090	106%	50-150	
			MSD	mg/L	0.6090	107%	50-150	
	MSRPD	mg/L	0.6090	1.2%	≤30			
	4500NO3F	05/06/22:206533vvh	CCB	mg/l		0.00800	0.012	
		CCV	mg/l	1.218	105%	90-110		
		CCB	mg/l		0.00700	0.012		
		CCV	mg/l	1.218	105%	90-110		
Definition								
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.							
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.							
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.							
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.							
MS	: 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	: 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 Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.							
ND	: Non-detect - Result was below the DQO listed for the analyte.							
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.							

June 1, 2022

CH 2273098:1 **Coliform Bacteria Analysis**

Customer ID : 7009457

Almanor Heights Mutual Water Co.

Attn: John Fourcroy

System Number : 3200139

2737 Scott Dr

Project Name : Routine Monitoring

Prattville, CA 95923

Analytical Results

ID	Sample Description	Total	Fecal	E. Coli	Units	Method	Prep	Footnote
1	2713 Scott Drive FF	Absent	---	Absent	A/P/100ml	SM 9223B	Colilert-P/A 18	

N/R Not Required

MPN Most Probable Number

A/P Absence/Presence

The samples listed above were Acceptable for both Total and Fecal Coliform

Sample Handling Information

ID	Sample Number	System Number	Sample Type/Reason	Sampler	Employed By	Sampled
1	CH 2273098-001	3200139	System-Routine	Stephen Semple	FGL Environmental	2022-05-05 10:35

Field Analysis/QA Information

ID	Sample Description	Cl Total/Free mg/l	Temp	Analysis Started	Analysis Completed	Contact	Contacted
1	2713 Scott Drive FF	---/---	---	2022-05-05 14:58 kx1	2022-05-06 09:30 kx1	N/R	

Analyses were performed at the FGL Chico Laboratory using Standard Methods 20th edition. If you have any questions regarding your results, please call.

Prepared By: RRH

cc:PCEH

Reviewed and
Approved By

Raquel R. Harvey



Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2022-06-01