

February 20, 2024

Lab No. : VI 2441099

Customer No. : 4020266

South Fork Estates MWC
 Water System Solutions
 Attn: Thomas Ridenour
 403 Scranton Ave.
 Porterville, CA 93257

Laboratory Report

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

- Case Narrative (1 page) : 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 No.	Matrix
WELL 01	02/13/2024	02/13/2024	VI 2441099-001	DW
WELL 02	02/13/2024	02/13/2024	VI 2441099-002	DW

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 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 associated Chain of Custody and Condition Upon Receipt Form.


Quality Control: All samples were prepared and analyzed according to established quality control criteria. Any exceptions are noted in the Quality Control Section of this report.

Test Summary

SM 4500-NO3 F Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)

Certification: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above and in the QC Section. 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. This report shall not be reproduced except in full, without the written approval of the laboratory.


KD: KVC

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2024-02-20

INORGANIC CHEMICALS ANALYSIS

Date of Report : February 20, 2024 Sample ID : VI 2441099-001

Laboratory Name : **FGL Environmental**
 Sampled On : 02/13/2024-10:30
 Received On : 02/13/2024-13:25
 Completed On : 02/20/2024-07:56

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2024-02-20

Sampled By : T Ridenour
 Employed By : Not Available

Sample Point Information

EDT

PS Code : CA5403113_001_001
 Sample Point Name : WELL 01
 Water System Name : SOUTH FORK ESTATES MUTUAL WATER CO

ADDITIONAL INORGANIC


Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
SM 4500-NO3-F-00	Nitrate as N (Nitrogen)	1040	6.2	mg/L	10	0.4	1573

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

INORGANIC CHEMICALS ANALYSIS

Date of Report : February 20, 2024 Sample ID : VI 2441099-002

Laboratory Name : **FGL Environmental**
 Sampled On : 02/13/2024-10:35
 Received On : 02/13/2024-13:25
 Completed On : 02/20/2024-07:56

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2024-02-20

Sampled By : T Ridenour
 Employed By : Not Available

Sample Point Information

EDT

PS Code : CA5403113_002_002
 Sample Point Name : WELL 02
 Water System Name : SOUTH FORK ESTATES MUTUAL WATER CO

ADDITIONAL INORGANIC

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
SM 4500-NO3-F-00	Nitrate as N (Nitrogen)	1040	3.6	mg/L	10	0.4	1573

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

February 20, 2024

WSS- South Fork Estates MWC

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Quality Control - Wet Chem

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrate Nitrogen	4500NO3F	02/14/2024:201735ILP (VI 2441097-001)	Blank	mg/L		ND	<0.4	
			LCS	mg/L	11.22	96.0%	80-120	
			MS	mg/L	5.609	86.8%	66-125	
			MSD	mg/L	5.609	96.4%	66-125	
			MSRPD	mg/L		4.1%	≤30.4	

Definition

- Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
- DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.
- 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.

Client: South Fork Estates MWC
Customer Number: 4020266
Address:

Phone: 559 359 7172 **Fax:**
Email Address: tidenour@wsstr.com
Contact Person: Thomas Ridenour
Project Name:
Purchase Order Number: V120231205
Quote Number: V120231205

Rush Analysis: 5 Day 4 Day 3 Day 2 Day 24 hour
Rush pre-approval by lab (initials): _____
Electronic Data Transfer: No State Client Other: _____

Sampler(s): Thomas Ridenour
Sampling Fee: _____ **Pickup Fee:** _____
Compositor Setup Date: _____ **Time:** _____

Method of Sampling: Composite (C) Grab (G)		Number of Containers	Type of Containers: (G) Glass (P) Plastic (V) VOA (M) Metal Tube	Potable (P) Non-Potable (NP) Ag Water (AgW)	(SW) Surface Water (MW) Monitoring Well (GW) Ground Water (TB) Travel Blank (WW) Waste Water (S) Soil (SLG) Sludge (SLD) Solid (O) Oil	Bact: (Sys) System (SRC) Source (W) Waste	Bact: (ROUT) Routine (RPT) Repeat (OTH) Other (RPL) Replace	(LT) Lat Tissue (PET) Petrole Tissue (PRD) Product	Preservative: (1) NaOH + ZnAc, (2) NaOH, (3) HCl (4) H2SO4, (5) HNO3, (6) Na2S2O3, (7) Other	Nitrate	Relinquished	Relinquished	Relinquished	Relinquished	Relinquished	Relinquished	Relinquished	Relinquished	Relinquished	
Sampl Num	Location Description	Date Sampled	Time Sampled	G	P	P	DW	DW												
1	Well 01 (CA5403113_001_001)	2/13/24	1030	G	1	P	DW	DW												
2	Well 02 (CA5403113_002_002)	2/13/24	1035	G	1	P	DW	DW												

Remarks
 Please use PS Code in Location Description to upload into CLIP.

Relinquished	Date	Time	Relinquished	Date	Time	Relinquished	Date	Time	Relinquished	Date	Time
Mr. H. L.	2/13/24	1325	SRC	2-13-24	1730	GLS	2-13-24	1730	GLS	2-13-24	1730
Received By:			Received By:			Received By:			Received By:		

Inter-Laboratory Condition Upon Receipt (Attach to COC)

Sample Receipt at: CC CH STK **(VI)**

1. Number of ice chests/packages received: 1 Shipping tracking #(s): OTC
2. Temp IR Gun ID #: TH407
3. Were samples received on ice? Yes No Temps: 2.9°C / _____ / _____ / _____
Surface water SWTR bact samples: A sample that has a temperature upon receipt of >10° C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
4. Do the number of bottles received agree with the COC? Yes No N/A
5. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
6. VOAs checked for Headspace? Yes No N/A
7. Were all analyses within holding times at time of receipt? Yes No
8. Verify sample date, time and sampler name Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.

Sample Receipt Review completed by (initials): SRO

Sample Receipt at SP:

1. Number of ice chests/packages received: 3 Shipping tracking #(s): 5100944107, 5100944122, 5100944113
2. Temp IR Gun ID #: 211
3. Were samples received on ice? Yes No Temps: 5 / _____ / 6 / 6 / 14
Acceptable is above freezing to 6°C. If many packages are received at one time check for tests/H.T.'s/rushes/
4. Do the number of bottles received agree with the COC? Yes No N/A
5. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? Yes No
2. Did bottle labels correspond with the client's ID's? Yes No
3. Were all bottles requiring sample preservation properly preserved? Yes No N/A FGL
[Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? Yes No N/A
5. Have rush or project due dates been checked and accepted? Yes No N/A
6. Were all analyses within holding times at time of receipt? Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): [Signature]

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____
Resolution: _____
2. Person Contacted: _____ Phone Number: _____
Initiated By: _____
Problem: _____
Resolution: _____

(4020266)
WSS - South Fork Estates MWC
VI 2441099

cda 02/13/2024 15:41:11

