

October 27, 2022

Lab No. : SP 2216689

Customer No. : 2021676

Meadowlark Ranches Mutual Water Co.

Attn: Mike Hadley
 P.O. Box 606
 Santa Ynez, CA 93460-0606

Laboratory Report

Introduction: This report package contains a total of 5 pages divided into 3 sections:

- Case Narrative (1 page) : An overview of the work performed at FGL.
- Sample Results (3 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 2	10/18/2022	10/18/2022	SP 2216689-001	DW
WELL 3	10/18/2022	10/18/2022	SP 2216689-002	DW
WELL 4	10/18/2022	10/18/2022	SP 2216689-003	DW

Sampling and Receipt Information: All samples were performed by FGL.

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

SRL 524M-TCP 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: SLK

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2022-10-28

ORGANIC CHEMICALS ANALYSIS

Date of Report : October 27, 2022 Sample ID : SP 2216689-001

Laboratory Name : **FGL Environmental**
 Sampled On : 10/18/2022-10:05
 Received On : 10/18/2022-14:20
 Completed On : 10/27/2022-15:22

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2022-10-28

Sampled By : Matthew Jimenez
 Employed By : FGL Environmental

Sample Point Information

EDT

PS Code : CA4200612_002_002
 Sample Point Name : WELL 2
 Water System Name : MEADOWLARK RANCHES MUTUAL WATER COMPANY

REGULATED ORGANICS

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
SRL 524M-TCP	1,2,3-Trichloropropane	2414	ND	ug/L	0.005	0.005	1573

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

ORGANIC CHEMICALS ANALYSIS

Date of Report : October 27, 2022 Sample ID : SP 2216689-002

Laboratory Name : **FGL Environmental**
 Sampled On : 10/18/2022-09:45
 Received On : 10/18/2022-14:20
 Completed On : 10/27/2022-15:22

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2022-10-28

Sampled By : Matthew Jimenez
 Employed By : FGL Environmental

Sample Point Information

EDT

PS Code : CA4200612_006_006
 Sample Point Name : WELL 3
 Water System Name : MEADOWLARK RANCHES MUTUAL WATER COMPANY

REGULATED ORGANICS

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
SRL 524M-TCP	1,2,3-Trichloropropane	2414	ND	ug/L	0.005	0.005	1573

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

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note	
Organic									
1,2,3-Trichloropropane	524M-TCP	10/19/2022:211933VMZ	Blank	ng/L		ND	<5		
			LCS	ng/L	5.000	110%	80-120		
			MS	ng/L	5.000	107%	80-120		
			(SP 2216683-001)	MSD	ng/L	5.000	115%	80-120	
			MSRPD	ng/L	5.000	7.4%	≤20		
			Blank	ng/L		ND	<5		
		(SP 2216683-002)	LCS	ng/L	5.000	115%	80-120		
			MS	ng/L	5.000	119%	80-120		
			MSD	ng/L	5.000	111%	80-120		
			MSRPD	ng/L	5.000	7.4%	≤20		

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.

Condition Upon Receipt (Attach to COC) SP 2216689

Sample Receipt at SP:

- 1. Number of ice chests/packages received: 1
- 2. Shipper tracking numbers _____
- 3. Were samples received in a chilled condition?
Temps: ROI / / / / / / /
- 4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
- 5. Do the number of bottles received agree with the COC? Yes No N/A
- 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 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. 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. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: _____ Reviewed and Approved By **Inez Covarrubias**  Digitally signed by Inez Covarrubias
Title: Sample Receiving
Date: 10/19/2022-09:21:35

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: _____ Date: _____
Problem: _____

Resolution: _____

(2021676)
Meadowlark Ranches Mutual Water Co.
SP 2216689

IV/CDA-10/19/2022-09:21:35