

August 31, 2026

Lab No. : SP 2612541

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 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 2	06/24/2026	06/24/2026	SP 2612541-001	DW
WELL 4	06/24/2026	06/24/2026	SP 2612541-002	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

EPA 900.0	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 903.0	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA RA-05	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: MKH

Approved By **Kelly A. Dunnahoo, B.S.**


 Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2026-08-31

RADIO CHEMICALS ANALYSIS

Date of Report : August 31, 2026 Sample ID : SP 2612541-001

Laboratory Name : **FGL Environmental**
 Sampled On : 06/24/2026-09:14
 Received On : 06/24/2026-14:22
 Completed On : 08/31/2026-10:17

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2026-08-31

Sampled By : Brandon Quell
 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

RADIOLOGICAL

Method Code	Chemicals	Analyte Code	Result	Units	Counting Error +/-	MDA95	MCL	DLR	ELAP
EPA 900.0	Gross Alpha	4109	3.04	pCi/L	2.670	3.10	15	3	1573
EPA RA-05	Radium 228	4030	0.195	pCi/L	0.929	0.0486		1	1573
CALC	Combined Radium Ra 226+Ra 228	4010	0.256	pCi/L	0.944	0.514	5	2	1573
EPA 903.0	Ra-226	4020	0.0612	pCi/L	0.165	0.514	3	1	1573

MCL - Maximum Contaminant Level,

DLR - Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR

RADIO CHEMICALS ANALYSIS

Date of Report : August 31, 2026 Sample ID : SP 2612541-002

Laboratory Name : **FGL Environmental**
 Sampled On : 06/24/2026-09:08
 Received On : 06/24/2026-14:22
 Completed On : 08/31/2026-10:17

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2026-08-31

Sampled By : Brandon Quell
 Employed By : FGL Environmental

Sample Point Information

EDT

PS Code : CA4200612_004_004
 Sample Point Name : WELL 4
 Water System Name : MEADOWLARK RANCHES MUTUAL WATER COMPANY

RADIOLOGICAL

Method Code	Chemicals	Analyte Code	Result	Units	Counting Error +/-	MDA95	MCL	DLR	ELAP
EPA 900.0	Gross Alpha	4109	0.747	pCi/L	2.120	3.14	15	3	1573
EPA RA-05	Radium 228	4030	0.100	pCi/L	0.980	0.0501		1	1573
CALC	Combined Radium Ra 226+Ra 228	4010	0.161	pCi/L	0.994	0.514	5	2	1573
EPA 903.0	Ra-226	4020	0.0612	pCi/L	0.165	0.514	3	1	1573

MCL - Maximum Contaminant Level,

DLR - Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR

August 31, 2026

Meadowlark Ranches Mutual Water Co.

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Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Gross Alpha	900.0	07/08/2026:207663JNR	Blank	pCi/L		ND	<1.2077	
			LCS	pCi/L	271.4	74.6%	50-135	
			MS	pCi/L	271.4	109%	60-140	
		(SP 2612934-001)	MSD	pCi/L	271.4	118%	60-140	
			MSRPD	pCi/L		8.2%	≤30	
	900.0	07/09/2026:207707JNR	Blank	pCi/L		ND	<1.2077	
			LCS	pCi/L	271.4	82.8%	50-135	
			MS	pCi/L	271.4	130%	60-140	
		(SP 2612829-002)	MSD	pCi/L	271.4	113%	60-140	
			MSRPD	pCi/L		14.2%	≤30	
Total Radium	903.0	08/11/2026:209101EMV	RgBlk	pCi/L		0.10227	0.51368	
			LCS	pCi/L	23.74	83.8%	52-107	
			BS	pCi/L	23.74	80.2%	43-111	
			BSD	pCi/L	23.74	86.1%	43-111	
			BSRPD	pCi/L		7.1%	≤35.5	
Radium - 228	Ra - 05	08/27/2026:209108EMV	RgBlk	pCi/L		0.52424	0.050569	
			LRS	pCi/L	16.49	83.3%	65-108	
			BS	pCi/L	16.49	104%	75-125	
			BSD	pCi/L	16.49	90.7%	75-125	
			BSRPD	pCi/L		14.1%	≤25	

Definition

Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
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.
LRS	: Laboratory Recovery Standard - Prepared to establish the batch recovery factor used in result calculations.
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.
RgBlk	: Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.

CHAIN OF CUSTODY
www.fglinc.com

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(2021676)
Meadowlark Ranches Mutual Water Co.
SP 2612541
mdc 06/24/2026 13:50:41

mdc 06/24/2026 13:50:41



00 2612541

SR 36125

9411 W. Goshen Avenue
Visalia, CA 93291
Phone: (559) 734-9473
Fax: (559) 734-8435

Condition Upon Receipt (Attach to COC) SP 2612541

Sample Receipt at SP:

1. Number of ice chests/packages received: 1
2. Shipper tracking number(s) _____
3. Temp IR Gun ID#: _____
4. Were samples received on Ice? ☒ Yes ☐ No Temps: ROI / _____ / _____ / _____ / _____ / _____
5. 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.
6. Do the number of bottles received agree with the COC? ☒ Yes ☐ No **N/A**
7. Verify sample date, time, sampler ☒ Yes ☐ No
8. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) ☒ Yes ☐ No

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: 06/25/2026-07:51:57

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 2612541

IV/CDA-06/25/2026-07:51:57