

September 5, 2024

**Lab No. : SP 2413562**

**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 6 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 (2 pages) : 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	08/21/2024	08/21/2024	SP 2413562-001	DW
WELL 3	08/21/2024	08/21/2024	SP 2413562-002	DW
WELL 4	08/21/2024	08/21/2024	SP 2413562-003	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**

EPA 200.8	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 218.6	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: 2024-09-05



## INORGANIC CHEMICALS ANALYSIS

Date of Report : September 5, 2024      Sample ID : SP 2413562-002

Laboratory Name : **FGL Environmental**  
 Sampled On : 08/21/2024-09:40  
 Received On : 08/21/2024-13:35  
 Completed On : 09/05/2024-16:33

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.  
 Title: Laboratory Director  
 Date: 2024-09-05

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Sampled By : Jamie Johnson  
 Employed By : FGL Environmental

### Sample Point Information

**EDT**

PS Code : CA4200612\_003\_003  
 Sample Point Name : WELL 3  
 Water System Name : MEADOWLARK RANCHES MUTUAL WATER COMPANY

### REGULATED INORGANIC

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
EPA 200.8	Chromium (Total Cr)	1020	11	ug/L	50	10	1573

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

### ADDITIONAL INORGANIC

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
EPA 218.6	Chromium, Hexavalent	1080	1.7	ug/L		1	1573

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

## INORGANIC CHEMICALS ANALYSIS

Date of Report : September 5, 2024      Sample ID : SP 2413562-003

Laboratory Name : **FGL Environmental**  
 Sampled On : 08/21/2024-10:00  
 Received On : 08/21/2024-13:35  
 Completed On : 09/05/2024-16:33

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.  
 Title: Laboratory Director  
 Date: 2024-09-05

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Sampled By : Jamie Johnson  
 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

### REGULATED INORGANIC

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
EPA 200.8	Chromium (Total Cr)	1020	ND	ug/L	50	10	1573

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

### ADDITIONAL INORGANIC

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
EPA 218.6	Chromium, Hexavalent	1080	ND	ug/L		1	1573

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

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**Meadowlark Ranches Mutual Water Co.**

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Customer No. : 2021676

**Quality Control - Metals**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Metals</b>								
Chromium	200.8	08/26/2024:209586AC (VI 2446663-003)	MS	ug/L	5.000	141%	75-125	435
			MSD	ug/L	5.000	155%	75-125	435
			MSRPD	ug/L		7.4%	≤20	

**Definition**

- DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.
- 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.

**Explanation**

- 435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

September 5, 2024

**Meadowlark Ranches Mutual Water Co.**

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**Quality Control - Wet Chem**

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
<b>Wet Chem</b>								
Chromium VI	218.6	08/26/2024:209557ILP	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.000	98.3%	90-110	
			MS	ug/L	2.000	117%	75-125	
		(SP 2413562-001)	MSD	ug/L	2.000	119%	75-125	
			MSRPD	ug/L		1.1%	≤20	

**Definition**

- 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.



3914:08/05/2024

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Meadowlark Ranches Mutual Water Co.**  
Address: **Attn: Mike Hadley**  
**P.O. Box 606**  
**Santa Ynez, CA 93460-0606**  
Phone: **(805)688-3132** Fax:  
Contact Person: **Mike Hadley**  
Project Name: **Chromium & Chrome 6**  
Purchase Order Number:  
Quote Number:

(2021676)  
**Meadowlark Ranches Mutual Water Co.**  
**SP 2413562**  
iv 08/21/2024 13:56:21  
  
SP 2413562

Sampler(s) **J. J.**  
Sampling Fee: \_\_\_\_\_ Pickup Fee: \_\_\_\_\_  
Compositor Setup Date: \_\_\_/\_\_\_/\_\_\_ Time: \_\_\_/\_\_\_/\_\_\_  
Lab Number: **SP 2-21676**

Samp Num	Location Description	Date Sampled	Time Sampled
1	WELL 2	8/21/24	9:50
2	WELL 3	↓	9:40
3	WELL 4	↓	1000

Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Metals, Total-Cr 250ml(P)-HNO3	Wet Chemistry-Cr (VI) - DW 8oz(P)-(NH4)2SO4, NH4OH	Sampling Fee
G	DW	P			1	1	X
G	DW	↓			1	1	
G	DW	↓			1	1	

Remarks:

Relinquished	Date: 8/21/24	Time: 1335	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:

### Condition Upon Receipt (Attach to COC) SP 2413562


#### 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: 08/22/2024-09:12:37

#### 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 2413562**  
 IV/JAW-08/22/2024-09:12:37