

July 5, 2018

**Meadowlark Ranches Mutual Water Co.**  
 Attn: Mike Hadley  
 P.O. Box 606  
 Santa Ynez, CA 93460-0606

Lab ID : SP 1808237  
 Customer : 2-21676

### Laboratory Report

**Introduction:** This report package contains total of 8 pages divided into 3 sections:

Case Narrative	(2 pages) : An overview of the work performed at FGL.
Sample Results	(5 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 ID #	Matrix
282 White Oak Way	06/05/2018	06/21/2018	SP 1808237-001	DW
3955 Indian Way	06/04/2018	06/21/2018	SP 1808237-002	DW
3928 Bluebird Lane	06/05/2018	06/21/2018	SP 1808237-003	DW
162 White Oak Way	06/08/2018	06/21/2018	SP 1808237-004	DW
4088 Indian Way	06/05/2018	06/21/2018	SP 1808237-005	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 arrived on ice. All samples were prepared and analyzed within the method specified hold time. 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 - Metals QC

200.8	06/22/2018:208986 All analysis quality controls are within established criteria
	06/23/2018:208986 All analysis quality controls are within established criteria
	06/22/2018:207311 All preparation quality controls are within established criteria

July 5, 2018

**Meadowlark Ranches Mutual Water Co.**

Lab ID : SP 1808237

Customer : 2-21676

**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:DMB

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



Digitally signed by Kelly A. Dunnahoo, B.S.  
Title: Laboratory Director  
Date: 2018-07-06

---

July 5, 2018

Lab ID : SP 1808237-001

Customer ID : 2-21676

**Meadowlark Ranches Mutual Water Co.**

Attn: Mike Hadley

P.O. Box 606

Santa Ynez, CA 93460-0606

Sampled On : June 5, 2018-16:00

Sampled By : Meadowlark Ranches M

Received On : June 21, 2018-14:00

Matrix : Drinking Water

Description : 282 White Oak Way

Project : Lead & Copper Monitoring

**Sample Result - Copper/Lead**

Constituent	Result	DLR	Units	AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total</b>								
Copper	286	50	ug/L	1300	200.8	06/22/18:207311	200.8	06/22/18:208986
Lead	ND	5	ug/L	15	200.8	06/22/18:207311	200.8	06/22/18:208986

ND = Non-Detected. DLR = Detection Level for Purposes of Reporting. AL = Action Level.

July 5, 2018

Lab ID : SP 1808237-002

Customer ID : 2-21676

**Meadowlark Ranches Mutual Water Co.**

Attn: Mike Hadley

P.O. Box 606

Santa Ynez, CA 93460-0606

Sampled On : June 4, 2018-13:25

Sampled By : Meadowlark Ranches M

Received On : June 21, 2018-14:00

Matrix : Drinking Water

Description : 3955 Indian Way

Project : Lead & Copper Monitoring

**Sample Result - Copper/Lead**

Constituent	Result	DLR	Units	AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total</b>								
Copper	59	50	ug/L	1300	200.8	06/22/18:207311	200.8	06/22/18:208986
Lead	ND	5	ug/L	15	200.8	06/22/18:207311	200.8	06/22/18:208986

ND = Non-Detected. DLR = Detection Level for Purposes of Reporting. AL = Action Level.

July 5, 2018

Lab ID : SP 1808237-003

Customer ID : 2-21676

**Meadowlark Ranches Mutual Water Co.**

Attn: Mike Hadley

P.O. Box 606

Santa Ynez, CA 93460-0606

Sampled On : June 5, 2018-11:00

Sampled By : Meadowlark Ranches M

Received On : June 21, 2018-14:00

Matrix : Drinking Water

Description : 3928 Bluebird Lane

Project : Lead & Copper Monitoring

**Sample Result - Copper/Lead**

Constituent	Result	DLR	Units	AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total</b>								
Copper	186	50	ug/L	1300	200.8	06/22/18:207311	200.8	06/22/18:208986
Lead	ND	5	ug/L	15	200.8	06/22/18:207311	200.8	06/22/18:208986

ND = Non-Detected. DLR = Detection Level for Purposes of Reporting. AL = Action Level.

July 5, 2018

Lab ID : SP 1808237-004

Customer ID : 2-21676

**Meadowlark Ranches Mutual Water Co.**

Attn: Mike Hadley

P.O. Box 606

Santa Ynez, CA 93460-0606

Sampled On : June 8, 2018-11:00

Sampled By : Meadowlark Ranches M

Received On : June 21, 2018-14:00

Matrix : Drinking Water

Description : 162 White Oak Way

Project : Lead & Copper Monitoring

**Sample Result - Copper/Lead**

Constituent	Result	DLR	Units	AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total</b>								
Copper	ND	50	ug/L	1300	200.8	06/22/18:207311	200.8	06/23/18:208986
Lead	ND	5	ug/L	15	200.8	06/22/18:207311	200.8	06/23/18:208986

ND = Non-Detected. DLR = Detection Level for Purposes of Reporting. AL = Action Level.

July 5, 2018

Lab ID : SP 1808237-005

Customer ID : 2-21676

**Meadowlark Ranches Mutual Water Co.**

Attn: Mike Hadley

P.O. Box 606

Santa Ynez, CA 93460-0606

Sampled On : June 5, 2018-06:50

Sampled By : Meadowlark Ranches M

Received On : June 21, 2018-14:00

Matrix : Drinking Water

Description : 4088 Indian Way

Project : Lead & Copper Monitoring

**Sample Result - Copper/Lead**

Constituent	Result	DLR	Units	AL	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
<b>Metals, Total</b>								
Copper	210	50	ug/L	1300	200.8	06/22/18:207311	200.8	06/23/18:208986
Lead	ND	5	ug/L	15	200.8	06/22/18:207311	200.8	06/23/18:208986

ND = Non-Detected. DLR = Detection Level for Purposes of Reporting. AL = Action Level.

July 5, 2018  
**Meadowlark Ranches Mutual Water Co.**

Lab ID : SP 1808237  
 Customer : 2-21676

### Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Copper	200.8	(SP 1808237-001)	MS	ug/L	5.000	60.0 %	<¼	
			MSD	ug/L	5.000	50.0 %	<¼	
			MSRPD	ug/L	5.000	0.2%	≤20	
	200.8	06/22/18:208986AC	CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		-0.091	0.5	
			CCV	ppb	120.0	102 %	90-110	
CCB			ppb		-0.078	0.5		
Lead	200.8	(SP 1808237-001)	MS	ug/L	5.000	117 %	75-125	
			MSD	ug/L	5.000	104 %	75-125	
			MSRPD	ug/L	5.000	11.4%	≤20	
	200.8	06/22/18:208986AC	CCV	ppb	120.0	102 %	90-110	
			CCB	ppb		-0.003	0.5	
			CCV	ppb	120.0	102 %	90-110	
CCB			ppb		-0.007	0.5		
<b>Definition</b>								
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.								
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.								
<¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.								
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.								





## Condition Upon Receipt (Attach to COC)

### 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 / 6 / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_
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

**Cynthia T Casarez**



Digitally signed by Cynthia T Casarez  
Title: Sample Receiving  
Date: 06/26/2018-16:37:48

### 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 1808237**