July 5, 2018

Meadowlark Ranches Mutual Water Co. Lab ID : SP 1808237 Attn: Mike Hadley Customer : 2-21676

P.O. Box 606

Santa Ynez, CA 93460-0606

#### **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 Lab ID : SP 1808237 **Meadowlark Ranches Mutual Water Co.** 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.

Customer ID : 2-21676

Meadowlark Ranches Mutual Water Co.

Sampled On : June 5, 2018-16:00 Attn: Mike Hadley

P.O. Box 606 Sampled By : Meadowlark Ranches M Santa Ynez, CA 93460-0606 Received On : June 21, 2018-14:00

: Drinking Water Matrix

Description : 282 White Oak Way

**Project** : Lead & Copper Monitoring

#### Sample Result - Copper/Lead

Constituent	Result	DLR	Units	AL	Sample	Preparation	Sample Analysis		
Constituent	Result	DLK	Omes	AL	Method	Method Date/ID		Date/ID	
Metals, Total									
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	

Customer ID : 2-21676

Meadowlark Ranches Mutual Water Co.

Sampled On : June 4, 2018-13:25 Attn: Mike Hadley

P.O. Box 606 Sampled By : Meadowlark Ranches M Santa Ynez, CA 93460-0606 Received On : June 21, 2018-14:00

> : Drinking Water Matrix

Description : 3955 Indian Way

**Project** : Lead & Copper Monitoring

#### Sample Result - Copper/Lead

Constituent	Result	DLR	Units	AL	Sample	Preparation	Sample Analysis		
Constituent	Result	DLK	Onts	AL	Method	Method Date/ID		Date/ID	
Metals, Total									
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	

Customer ID : 2-21676

Meadowlark Ranches Mutual Water Co.

Sampled On : June 5, 2018-11:00 Attn: Mike Hadley

P.O. Box 606 Sampled By : Meadowlark Ranches M Santa Ynez, CA 93460-0606 Received On : June 21, 2018-14:00

: Drinking Water Matrix

Description : 3928 Bluebird Lane

**Project** : Lead & Copper Monitoring

#### Sample Result - Copper/Lead

Constituent	Result	DLR	Units	AL	Sample	Preparation	Sample Analysis		
Constituent	DLK	Onts	AL	Method	Method Date/ID		Date/ID		
Metals, Total									
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	

Customer ID : 2-21676

Meadowlark Ranches Mutual Water Co.

Sampled On : June 8, 2018-11:00 Attn: Mike Hadley P.O. Box 606 Sampled By : Meadowlark Ranches M

Santa Ynez, CA 93460-0606 Received On : June 21, 2018-14:00

: Drinking Water Matrix

Description : 162 White Oak Way

**Project** : Lead & Copper Monitoring

#### Sample Result - Copper/Lead

Constituent	Result	DLR	Units	AL	Sample	Preparation	Sample Analysis		
Constituent Result BER On	Omts	7 LL	Method	Date/ID	Method	Date/ID			
Metals, Total									
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	

Customer ID : 2-21676

Meadowlark Ranches Mutual Water Co.

Sampled On : June 5, 2018-06:50 Attn: Mike Hadley

P.O. Box 606 Sampled By : Meadowlark Ranches M Santa Ynez, CA 93460-0606 Received On : June 21, 2018-14:00

: Drinking Water Matrix

Description : 4088 Indian Way

**Project** : Lead & Copper Monitoring

#### Sample Result - Copper/Lead

Constituent	Result	DLR	Units	AL	Sample	Preparation	Sample Analysis		
Constituent Result	DLK	Onts	AL	Method	Date/ID	Method	Date/ID		
Metals, Total									
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	

July 5, 2018 Lab ID : SP 1808237 Meadowlark Ranches Mutual Water Co. Customer : 2-21676

#### **Quality Control - Inorganic**

Constituent		Method	Date/ID	Туре	Units	Conc.	QC Data	DQO	Note
Metals									
Copper		200.8		MS	ug/L	5.000	60.0 %	<1/4	
			(SP 1808237-001)	MSD	ug/L	5.000	50.0 %	<1/4	
				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 MS	ppb		-0.078	0.5	
Lead	200.8				ug/L	5.000	117 %	75-125	
			(SP 1808237-001)	MSD	ug/L	5.000	104 %	75-125	
		200.8		MSRPD	ug/L	5.000	11.4%	≤20	
		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	
Definition									
CCV			tion - Analyzed to verif				criteria.		
CCB			Analyzed to verify the						
MS			le is spiked with a know	wn amount o	of analyte. The	e recoveries	are an indicatio	on of how th	at sample
WIS	matrix affects ana								
MSD			ASD pair - A random sa			with a know	n amount of ar	alyted. The	recoveries
IVISD.			ple matrix affects analy	•					
MSRPD		ve Percent Diffe	erence (RPD) - The MS	relative per	cent difference	e is an indic	ation of precis	ion for the p	reparation
	and analysis.								
<1/4			te concentration was le						
DQO	: Data Quality Ob	jective - This is	the criteria against whi	ich the quali	ty control data	a is compare	d.		



### **Tri-Annual**

# CHAIN OF CUSTODY www.fglinc.com

Laboratory Copy (1 of 3)

		<u>=</u>	1924:	06/19	8/201	8	Ι΄	TEST DE	SCRIPTIO	N - See R	everse side	for Cont	iner. Prese	rvative an	d Sampling	g information	L215
Client: Madowlark Ranches Mutual Water	· Co.	$\vdash$	1,724.	J 30/10	7.201	<u> </u>				500 K		conta					1
Address: Attn: Mike Hadley																	
P.O. Box 606 Santa Ynez, CA 93460-0606					€	RPL			:								
Phone: (805)688-3132 Fax:					Waste(W)	lace(											
Contact Person: Mike Hadley			*	٦	(S)	Rep		1									
Project Name: Lead & Copper Monito	oring	Grab(G)	) Egg	Water(AgW)	Source(SR)	£											•
Purchase Order Number:	J	ပြ	SE	ater(	Sou	at(R)											
Quote Number:		ପ୍ର	VER	Ag W	YS)	Repe											
Sampler(s) Mendaliax Pandas mula	I water co	Composite(C)	**SEE REVERSE SIDE**	Non-Potable(NP) A	System(SYS)	on: Routine(ROUT) Repeat(RPT) Replace(RPL) Special(SPL)					ı.						
Sampling Fee: Pickup Fee:		ling:		F.Pot	Other(O)	outin al(SP	F.	<b></b>									
Compositor Setup Date:// Ti	ime:/	amp	ple	ş	O E	n: R	길	12								İ	
Lab Number: SP 8083-3	2-21676	d of S	f San	Ē.	ype:	teasor O) S	Tota (F)										
Samp Num Location Description Day Samp	nte Time pleo Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti Type:	Bacti Reason: Other(O) Spec	Metals, Total-Cu,Pb 1000ml(P)	36									
1 282 White Oak Way	18 1600	G	DW				1	X									
2 3955 Indian Way	18 13:25	G	DW				1										
3 3928 Bluebird Lane	18 11:00	G	DW				1										
4 162 White Oak Way	8/18/11/00	G	Ďw				1										
5 Indian Way Yos Wis	18 4:50	G	DW				1										
									,								
															•		
Remarks:		Reli	nquishe	ed			Pate:	Time	: Relinq	luished		Date:	Time:	Relinqu	uished	Date:	Time:
	2					U	d21/v	9:1	5 1	r	U	2/8	1400				
		Rece	iyed B	y:			Date:	Time	: Recei	ed By:		Date:	Time:	Receiv	ed By:	Date:	Time:
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		_	/4			واس		. /9		<del>/~ ~ \</del>	~	/ -					

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Revision Date: 10/09/14 Page: 1 of 1

## **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_/	/ <b>6</b>	/	/	/	/	/
4. Surface water (SWTR) bact samples: A sample that should be flagged unless the time since sample col		•	•	•		whether ic	ed or not,
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:							
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?  [Exception: Oil & Grease, VOA and CrVI verified in lab]	Yes	No	N/A	FGL			
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. Inc	rganics a	nd Ra	dio)				
Sample Receipt, Login and Verification completed by	r: R	Reviewe Approve	( . V	nthia T C	asarez (	Title: Sample	ed by Cynthia T Casarez Receiving 2018-16:37:48
<b>Discrepency Documentation:</b> Any items above which are "No" or do not meet specified.	fications (	(i.e. teı	mps) mu:	st be reso	ved.		
1. Person Contacted:	Pho	one Nu	umber:				
Initiated By:	Dat	te:	_				
Problem:							
Resolution:							
2. Person Contacted:	Pho	one Nı	umber:				
Initiated By:	D-		<del>-</del>			_ <del>_</del>	
Problem:	_		_				
Resolution:			Mea	dowlarl	(2021 Ranc	•	ıtual Water

Co. **SP 1808237**