September 11, 2020

Meadowlark Ranches Mutual Water Co. Lab ID : SP 2010742 Attn: Mike Hadley Customer : 2-21676

P.O. Box 606

Santa Ynez, CA 93460-0606

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 3 sections:

Case Narrative (2 pages): An overview of the work performed at FGL.

Sample Results (4 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
Treatment Plant - Treated	08/11/2020	08/11/2020	SP 2010742-001	DW
Well #2 Active	08/11/2020	08/11/2020	SP 2010742-002	DW
Well #3 Standby	08/11/2020	08/11/2020	SP 2010742-003	DW
Well #4 (Indian Way) Active	08/11/2020	08/11/2020	SP 2010742-004	DW

Sampling and Receipt Information: All samples were performed by FGL using the following methods (where applicable):

Bacteriological Sampling	- SOP:200900141
Grab sampling for liquids	- SOP:200900137
Composite sampling for liquids	- SOP:200900139
Grab sampling for solids	- SOP:200900142
Composite sampling for solids	- SOP:200900143

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 attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Wet Chemistry QC

314.0	08/27/2020:213993 All analysis quality controls are within established criteria.
	09/03/2020:213996 All analysis quality controls are within established criteria.
	08/26/2020:210278 All preparation quality controls are within established criteria (performed at FGL-SP ELAP# 1573), except:

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September 11, 2020 Lab ID : SP 2010742 **Meadowlark Ranches Mutual Water Co.** Customer : 2-21676

Inorganic - Wet Chemistry QC

314.0	The following note applies to Perchlorate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	09/02/2020:210373 All preparation quality controls are within established criteria (performed at 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. 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.



Date of Report September 11, 2020 Sample ID SP 2010742-001

Approved By Kelly A. Dunnahoo, B.S. Digitally signed by Kelly signed by Signed b Laboratory Name **FGL Environmental**

Sampled On 08/11/2020-10:35

Sampler Received On 08/11/2020-15:20 Matthew Jimenez Employed By Completed On 09/09/2020-05:55 FGL Environmental

System Name: MEADOWLARK RANCHES MWC Number: 4200612-009 **EDT**

Name Or Number of Sample Source: TREATMENT PLANT

User ID 42C Station Number 4200612-009

Date/Time of Sample 2008111035 Laboratory Code 5 8 6 7

> YYMMDDTTTT Lab Location Santa Paula, CA

Submitted By Phone # **FGL Environmental** (805) 392-2000

ADDITIONAL INORGANIC

	TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
ſ	314.0	6	ug/L	Perchlorate	A-031	ND	4

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,



Date of Report September 11, 2020 Sample ID SP 2010742-002

Approved By Kelly A. Dunnahoo, B.S. Digitally signed by Kelly signed by Signed b Laboratory Name **FGL Environmental**

Sampled On 08/11/2020-09:45

Received On 08/11/2020-15:20 Sampler Matthew Jimenez Completed On Employed By FGL Environmental 09/09/2020-05:55

MEADOWLARK RANCHES MWC System Name: Number: 4200612-001 **EDT**

Name Or Number of Sample Source: **WELL #2 ACTIVE**

User ID 42C Station Number : 4200612-001

Date/Time of Sample 2008110945 Laboratory Code 5 8 6 7

> YYMMDDTTTT Lab Location Santa Paula, CA

Submitted By **FGL Environmental** Phone # (805) 392-2000

ADDITIONAL INORGANIC

	TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
I	314.0	6	ug/L	Perchlorate	A-031	ND	4

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,



Date of Report September 11, 2020 Sample ID SP 2010742-003

Approved By Kelly A. Dunnahoo, B.S. Digitally signed by Kelly signed by Signed b Laboratory Name **FGL Environmental**

Sampled On 08/11/2020-09:30

Received On 08/11/2020-15:20 Sampler Matthew Jimenez Completed On Employed By FGL Environmental 09/09/2020-05:55

MEADOWLARK RANCHES MWC System Name: Number: 4200612-006 **EDT**

Name Or Number of Sample Source: **WELL #3 STANDBY**

User ID 42C Station Number : 4200612-006

Date/Time of Sample 2008110930 Laboratory Code 5 8 6 7

> YYMMDDTTTT Lab Location Santa Paula, CA

Submitted By **FGL Environmental** Phone # (805) 392-2000

ADDITIONAL INORGANIC

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
314.0	6	ug/L	Perchlorate	A-031	ND	4

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,



Date of Report September 11, 2020 Sample ID SP 2010742-004

Approved By Kelly A. Dunnahoo, B.S. Digitally signed by Kelly signed by Signed b Laboratory Name **FGL Environmental**

Sampled On 08/11/2020-10:20

Received On 08/11/2020-15:20 Sampler Matthew Jimenez Completed On Employed By FGL Environmental 09/09/2020-05:55

MEADOWLARK RANCHES MWC 4200612-007 System Name: Number: **EDT**

Name Or Number of Sample Source: WELL #4 (INDIAN WAY) ACTIVE

User ID 42C Station Number : 4200612-007

Date/Time of Sample 2008111020 Laboratory Code 5 8 6 7

> YYMMDDTTTT Lab Location Santa Paula, CA

Submitted By **FGL Environmental** Phone # (805) 392-2000

ADDITIONAL INORGANIC

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
314.0	6	ug/L	Perchlorate	A-031	ND	4

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,

September 11, 2020 Lab ID : SP 2010742 Meadowlark Ranches Mutual Water Co. : 2-21676 Customer

Quality Control - Inorganic

Constituent	Method	Date/ID	Туре	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Perchlorate	314.0	08/26/20:210278MCA	Blank	ug/L		ND	<4	
			LCS	ug/L	25.00	92.9 %	85-115	
			MS	ug/L	25.00	61.3 %	80-120	435
		(SP 2010522-001)	MSD	ug/L	25.00	72.9 %	80-120	435
			MSRPD	ug/L	25.00	12.2%	≤15	
	314.0	08/27/20:213993MCA	CCB	ppb		0.65	2.0	
			CCV	ppb	10.00	97.0 %	85-115	
			CCB	ppb		0.00	2.0	
			CCV	ppb	20.00	97.3 %	85-115	
	314.0	09/02/20:210373MCA	Blank	ug/L		ND	<4	
			LCS	ug/L	25.00	87.3 %	85-115	
			MS	ug/L	25.00	83.2 %	80-120	
		(STK2051358-001)	MSD	ug/L	25.00	88.7 %	80-120	
			MSRPD	ug/L	25.00	6.3%	≤15	
	314.0	09/03/20:213996MCA	CCB	ppb		0.00	2.0	
			CCV	ppb	10.00	91.4 %	85-115	
			CCB	ppb		0.00	2.0	
D # 44			CCV	ppb	20.00	91.0 %	85-115	

Definition

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.

: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples. Blank

LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample MS matrix affects analyte recovery.

: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries MSD

are an indication of how that sample matrix affects analyte recovery.

: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation MSRPD

and analysis.

: Non-detect - Result was below the DOO listed for the analyte.

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

Explanation

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



Tri-Annual

CHAIN OF CUSTODY www.fglinc.com

Laboratory Copy (1 of 3)

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Client	: Meadowlark Ranches Mutual V	Water Co		\vdash	2340:	UO/17	1202	v		1521	DESCRI	FION	See Venela	c side for C	Jonainer,	1 10301 VAL	ive and Salli	hing internation	
	ss: Atm: Mike Hadley P.O. Box 606 Santa Ynez, CA 93460-0606	·········					Waste(W)	(RPL)	İ										
Phone	: (805)688-3132 Fax:					l	Wast	lace											ŀ
Contac	ct Person: Mike Hadley				l		[₩ 	Rep										li	}
	t Name: Perchlorate Monito	oring		Grab(G)	<u>B</u>	AgN	S)ec	€				ì				İ			
	ase Order Number:			້ອ	SE S	Water(AgW)	Source(SR)	It(RF											
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Lab N	umber: SP 2010	742	-2 -21676	1 of 3	f Sar	Ē	ype:	caso)	remis	Ailea									
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling:	Type of Sample	Potable(P)	Bacti Type:	Bacti Reason: Other(O) Spec	Wet Chemistry-Perchlorate 16oz(P)	Time/Mileage									
1	Treatment Plant - Treated	Z 11 2020	10:35	G	DW				1	х									
2	Well #2 Active		9:45	G	DW				1								1		
3	Well #3 Standby		9:30	G	DW				1										
4	Well #4 (Indian Way) Active	V	10:10	G	DW				1		:								
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3442 Empresa Drive, Suite D San Luis Obispo, CA 93401 Phone: (805) 783-2940 Fax: (805) 783-2912 Office & Laboratory
9415 W. Goshen Avenue

Visalia, CA 93291 Phone: (559) 734-9473 Fax: (559) 734-8435 FGL Environmental Doc ID: 2D0900157_SOP_17.DOC

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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 / 4C ///////	//
4. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, should be flagged unless the time since sample collection has been less than two hours.	whether iced or not,
5. Do the number of bottles received agree with the COC? No N/A	
6. Verify sample date, time, sampler Yes No N/A	
7. Were the samples received intact? (i.e. no broken Yes No bottles, leaks, etc.)	
8. Were sample custody seals intact? Yes No N/A	
Sample Verification, Labeling and Distribution:	
1. Were all requested analyses understood and acceptable?	
2. Did bottle labels correspond with the client's ID's? Yes No	
3. Were all bottles requiring sample preservation Yes No N/A FGL properly preserved? [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? No	
6. Have rush or project due dates been checked and Yes No N/A accepted?	
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: 08/13/2020-13:35:11
Discrepency 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:	
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Co. **SP 2010742**