February 26, 2021

Santa Ynez, CA 93460-0606

Meadowlark Ranches Mutual Water Co.	Lab ID	: SP 2102113
Attn: Mike Hadley	Customer	: 2-21676
P.O. Box 606		

ENVIRONMENTAL

Laboratory Report

Analytical Chemists

AGRICULTURAL

Introduction: This report package contains total of 4 pages divided into 3 sections:

Case Narrative	(2 pages) : An overview of the work performed at FGL.
Sample Results	(1 page) : 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
Well #3 Standby	02/12/2021	02/12/2021	SP 2102113-001	DW

Sampling and Receipt Information: The sample was 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

4500NO3F	02/12/2021:202170 All analysis quality controls are within established criteria
	02/12/2021:201600 All preparation quality controls are within established criteria (performed at FGL-SP ELAP# 1573)

Page 1 of 4

Office & Laboratory 9415 W. Goshen Avenue Visalia, CA 93291 TEL: (559)734-9473 FAX: (559)734-8435 CA ELAP Certification No. 1563 CA ELAP Certification No. 2670 CA ELAP Certification No. 2775 CA ELAP Certification No. 2810

February 26, 2021	Lab ID	: SP 2102113
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.

Digitally signed by Kelly A. Dunnahoo, B.S. Title: Laboratory Director Date: 2021-03-01



INORGANIC CHEMICALS ANALYSIS

Date of Report	: Feb	ruary 26, 2021	Sample ID : SP 2102113-001
Laboratory Name	: FGI	L Environmental	Approved By Kelly A. Dunnahoo, B.S. Bigitally signed by Kelly A. Dunnahoo, B.S.
Sampled On	: 02/1	12/2021-09:00	
Received On	: 02/1	12/2021-15:15	Sampler : Matthew Jimenez
Completed On	: 02/2	26/2021-11:23	Employed By : FGL Environmental
System Name : Name Or Number		LARK RANCHES MWC Source : WELL #3 ST	
User ID Date/Time of Sar	: mple :	42C 2102120900 YYMMDDTTTT	Station Number : 4200612-006 Laboratory Code : 5 8 6 7 Lab Location : Santa Paula, CA
Submitted By	:	FGL Environmental	Phone # : (805) 392-2000

ADDITIONAL INORGANIC

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
4500NO3F	10	mg/L	Nitrate as N (Nitrogen)	00618	7.5	0.4

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR

Corporate Offices & Laboratory Office & Laboratory 853 Corporation Street Santa Paula, CA 93060 2500 Stagecoach Road Stockton, CA 95215 TEL: (805)392-2000 TEL: (209)942-0182 Env FAX: (805)525-4172 / Ag FAX: (805)392-2063 FAX: (209)942-0423 CA ELAP Certification No. 1563 CA ELAP Certification No. 2670 CA ELAP Certification No. 2775 CA ELAP Certification No. 2810 CA ELAP Certification No. 1573

Office & Laboratory 563 E. Lindo Avenue Chico, CA 95926 TEL: (530)343-5818 FAX: (530)343-3807

Office & Laboratory 3442 Empresa Drive, Suite D San Luis Obispo, CA 93401 TEL: (805)783-2940 FAX: (805)783-2912

Page 3 of 4

Office & Laboratory 9415 W. Goshen Avenue Visalia, CA 93291 TEL: (559)734-9473 FAX: (559)734-8435



February 26, 2021 Meadowlark Ranches Mutual Water Co.

Lab ID Customer

: SP 2102113 : 2-21676

Quality Control - Inorganic

Constituent		Method	Date/ID	Туре	Units	Conc.	QC Data	DQO	Note
Wet Chem									
Nitrate + Nitrite as	s N	4500NO3F	02/12/21:201600VVH	Blank	mg/L		ND	< 0.2	
				LCS	mg/L	11.22	105 %	80-120	
				MS	mg/L	5.609	100 %	5-285	
			(SP 2102102-001)	MSD	mg/L	5.609	102 %	5-285	
				MSRPD	mg/L	5.609	1.0%	≤30.4	
		4500NO3F	02/12/21:202170VVH	CCB	mg/L		0.076	0.2	
				CCV	mg/L	11.22	98.8 %	90-110	
				CCB	mg/L		0.032	0.2	
				CCV	mg/L	11.22	98.1 %	90-110	
Nitrate Nitrogen		4500NO3F	02/12/21:201600VVH	Blank	mg/L		ND	< 0.2	
Definition									
CCV	: Continuing Calil	bration Verifica	tion - Analyzed to verify	y the instrum	nent calibratio	n is within c	riteria.		
CCB			Analyzed to verify the in						
Blank			ify that the preparation p						
LCS	: Laboratory Cont	rol Standard/Sa	mple - Prepared to verif	y that the p	reparation proc	cess is not af	fecting analyte	e 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 Relation and analysis.	ve Percent Diff	erence (RPD) - The MS	relative per	cent difference	e is an indica	ation of precisi	on for the p	reparation
ND	2	sult was below t	he DQO listed for the a	nalyte.					
DQO			the criteria against which		y control data	is compared	1.		

Office & Laboratory 2500 Stagecoach Road Stockton, CA 95215 TEL: (209)942-0182

Office & Laboratory 563 E. Lindo Avenue Chico, CA 95926 TEL: (530)343-5818 FAX: (530)343-3807

Office & Laboratory 3442 Empresa Drive, Suite D San Luis Obispo, CA 93401 TEL: (805)783-2940 FAX: (805)783-2912

Page 4 of 4

Office & Laboratory 9415 W. Goshen Avenue Visalia, CA 93291 TEL: (559)734-9473 FAX: (559)734-8435 CA ELAP Certification No. 1563 CA ELAP Certification No. 2670 CA ELAP Certification No. 2775 CA ELAP Certification No. 2810

,	Reib
	ENVIRONMENTAL 🥌 AGRICULTURAL
	Analytical Chemists

CHAIN OF CUSTODY *www.fglinc.com* Laboratory Copy (1 of 3)

	2010:02/15/2021	TEST DESCRIPTION -	See Reverse side for Container, Preserv	vative and Sampling information L215		
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: Water Quality-Well #3-Standby Purchase Order Number: Quote Number: Sampler(s)	Composite(C) Grab(G) **SEE REVERSE SIDE** le(NP) Ag Water(AgW) System(SYS) Source(SR) Waste(W) ROUT) Repeat(RPT) Replace(RPL)					
M. Jmenez Sampling Fee: Compositor Setup Date:/ Time:/ Lab Number: SP ///// 2-21676 Samp Num Location Description Date Sampled Sampled 1 Well #3 Standby 2/12 21 9:00	 G 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(S Bacti Reason: Routine(ROUT) Repeat(RPT) Other(O) Special(SPL) 	Wet Chemistry-NO3-N N N Time/Mileage				
Remarks:	ned Date: Time: By: Date: Time:	Relinquished Date: Time: Received By: Date: Time:				
Corporate Offices & Laboratory 853 Corporation Street Santa Paula, CA 93060 Phone: (805) 392-2000Office & Laboratory 2500 Stagecoach Road Stockton, CA 95215 Phone: (209) 942-0182 Fax: (209) 942-0423Office & Laboratory 563 E. Lindo Chico, CA 95926 For Fax: (805) 783-2940Office & Laboratory 9415 W. Goshen Avenue Visalia, CA 93291 Phone: (530) 343-5818 Fax: (530) 343-3807Office & Laboratory 3442 Empresa Drive, Suite D San Luis Obispo, CA 93401 Phone: (805) 783-2940 Fax: (805) 783-2912Office & Laboratory 9415 W. Goshen Avenue Visalia, CA 93291 Phone: (559) 734-8435						

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:	<u>. (Nor</u>	5c	_/	/	/	/	/
4. Surface water (SWTR) bact samples: A sample that he should be flagged unless the time since sample collection		•	•	•		vhether io	ced 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?	(es	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? [Exception: Oil & Grease, VOA and CrVI verified in lab]	(es	No	N/A] FGL			
4. VOAs checked for Headspace?	/es	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?	(es	No	N/A]			
Include a copy of the COC for lab delivery. (Bacti. Inorga	nics an	nd Rac	dio)				
Sample Receipt, Login and Verification completed by:		Review	, wad and	Inez Cova	rrubias	[EGI] Title: Sam	igned by Inez Covarrubias ple Receiving 15/2021-13:40:19
Discrepency Documentation:							
Any items above which are "No" or do not meet specifica	•		• •	ist be reso	lved.		
1. Person Contacted:			umber:				
Initiated By: Problem:	_ Date	e:	-				
Problem.							
Resolution:							
2. Person Contacted:			umber:				
Initiated By: Problem:	_ Date	e:	-				
Problem:							
Resolution:					(2021	676)	
			Mea	dowlarl	•	,	utual Water
					С		
					SP 21		