February 19, 2018

Lab ID : SP 1801740 Meadowlark Ranches Mutual Water Co. Attn: Mike Hadley Customer : 2-21676

P.O. Box 606

Santa Ynez, CA 93460-0606

Laboratory Report

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	02/08/2018	02/08/2018	SP 1801740-001	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	02/09/2018:201922 All analysis quality controls are within established criteria
	02/09/2018:201523 All preparation quality controls are within established criteria

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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.



INORGANIC CHEMICALS ANALYSIS

Date of Report February 19, 2018 Sample ID SP 1801740-001

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

02/08/2018-09:30 Sampled On

Received On Sampler 02/08/2018-16:00 Matthew Jimenez Employed By Completed On 02/09/2018 FGL Environmental

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

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

User ID 42C Station Number 4200612-006

Date/Time of Sample 1802080930 Laboratory Code 5 8 6 7

YYMMDDTTTT

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

ADDITIONAL INORGANIC

MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
10	mg/L	Nitrate as N (Nitrogen)	00618	7.4	0.4

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR

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Quality Control - Inorganic

Constituent		Method	Date/ID	Туре	Units	Conc.	QC Data	DQO	Note		
Wet Chem											
Nitrate + Nitri	ite as N	4500NO3F		MS	mg/L	28.04	39.1 %	5-285			
			(SP 1801678-002)	MSD	mg/L	28.04	39.4 %	5-285			
				MSRPD	mg/L	28.04	0.3%	≤30.4			
		4500NO3F	02/09/18:201922AMB	CCB	mg/L		0.051	0.1			
				CCV	mg/L	11.27	97.8 %	90-110			
				CCB	mg/L		0.074	0.1			
				CCV	mg/L	11.27	97.5 %	90-110			
Definition		•	·		•		•				
CCV	: Continuing Cali	bration Verifica	ation - Analyzed to verify	the instrum	nent calibratio	n is within c	criteria.				
CCB	: Continuing Cali	bration Blank -	Analyzed to verify the in	nstrument ba	seline is with	in criteria.					
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample										
MSD	: Matrix Spike D	matrix affects analyte recovery. : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.									

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.

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



Annual

CHAIN OF CUSTODY www.fglinc.com

Laboratory Copy (1 of 3)

				_	2010:	02/19	/201	8		TEST	DESCR	PTION -	See Revers	e side for (Container,	Preserva	tive and Sam	pling information		L215
Client: Addres	Meadowlark Ranches Mutual V s: Attn: Mike Hadley P.O. Box 606 Santa Ynez, CA 93460-0606	Vater Co.																		
Phone:	• •						Wa	eplac												
	t Person: Mike Hadley			<u>©</u>	*	3.W)	(SR)) R									!			
	Name: Water Quality-Wellse Order Number:	ll #3-Stan	dby	Grab(G)	E SII	er(A	Source(SR)	(RPI												
	Se Order Number: Number:			l	ERS		S) S	peat		ŀ			}							
Sample		ee: Time: _		Method of Sampling: Composite(C)	ole **SEE REVERSE SIDE**	Non-Potable(NP) Ag	Bacti Type: Other(O) System(SYS)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Wet Chemistry-NO3-N 8oz(P)											
I ah N	umber: SP M1740		2-21676	of Sa	Sam	ı	ğ.	ason:	mistr	leage										
Samp Num	Location Description	Date Sampled	Time Sampled	Method	Type of Sample	Potable(P)	3acti Ty	3acti Re Other(O)	Wet Che 3oz(P)	Time/Mileage										
	Well #3 Standby	 	9:30	G	DW				1	х		_					-			_
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Condition Upon Receipt (Attach to COC)

Sample Receipt at SP:							
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 tha should be flagged unless the time since sample col		•	•			vhether 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	7			
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. Inol	rganics ar	nd Ra	dio)				
Sample Receipt, Login and Verification completed by	:		wed and oved By	Inez Cova	arrubias	Title: Sam	gned by Inez Covarrubias ole Receiving 4/2018-13:00:56
Discrepency Documentation: Any items above which are "No" or do not meet specif	ications (i.e. te	mps) mu	ust be resc	olved.		
Person Contacted:	`		umber:				
Initiated By:	— Dat						
Problem:							
Resolution:							
2. Person Contacted:	Pho	one Ni	umber:				
Initiated By:	D-4						
Problem:							
Resolution:			Mes	adowlar	(2021 k Ranc	•	ıtual Water

Co. **SP 1801740**