

June 21, 2018

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

Lab ID : SP 1807323
 Customer : 2-21676

Laboratory Report

Introduction: This report package contains total of 5 pages divided into 3 sections:

Case Narrative (2 pages) : An overview of the work performed at FGL.
 Sample Results (2 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
Well #2 Active	06/05/2018	06/05/2018	SP 1807323-001	DW
Well #4 (Indian Way) Active	06/05/2018	06/05/2018	SP 1807323-002	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:

Organic QC

524M-TCP	06/11/2018:206805 All preparation quality controls are within established criteria, except: The following note applies to 1,2,3-Trichloropropane: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	06/12/2018:206906 All preparation quality controls are within established criteria, except:

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Organic QC

524M-TCP	The following note applies to 1,2,3-Trichloropropane: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
SRL524	06/11/2018:208676 All analysis quality controls are within established criteria.
	06/12/2018:208677 All analysis quality controls are within established criteria, except: The following note applies to 1,2,3-Trichloropropane: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.

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: 2018-06-22

ORGANIC CHEMICALS ANALYSIS

Date of Report	: June 21, 2018	Sample ID	: SP 1807323-001
Laboratory Name	: FGL Environmental	Approved By	: Kelly A. Dunnahoo, B.S.  Digitally signed by Kelly A. Dunnahoo, B.S. Title: Laboratory Director Date: 2018-06-22
Sampled On	: 06/05/2018-10:12		
Received On	: 06/05/2018-14:30	Sampler	: Matthew Jimenez
Completed On	: 06/11/2018	Employed By	: FGL Environmental

System Name : MEADOWLARK RANCHES MWC Number : 4200612-001 **EDT**
 Name Or Number of Sample Source : WELL #2 ACTIVE


User ID	: 42C	Station Number	: 4200612-001
Date/Time of Sample	: 1806051012 YYMMDDTTTT	Laboratory Code	: 5 8 6 7
Submitted By	: FGL Environmental	Phone #	: (805) 392-2000

REGULATED ORGANICS CHEMICALS

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
SRL524	1,2,3-Trichloropropane	77443	ND	0.005	0.005

MCL - Maximum Contaminant Level, DLR -Detection Limit for Reporting Purpose, ND - Not Detected at or above DLR

ORGANIC CHEMICALS ANALYSIS

Date of Report : June 21, 2018 Sample ID : SP 1807323-002
 Laboratory Name : **FGL Environmental** Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Sampled On : 06/05/2018-10:15 Date: 2018-06-22
 Received On : 06/05/2018-14:30 Sampler : Matthew Jimenez
 Completed On : 06/12/2018 Employed By : FGL Environmental

System Name : MEADOWLARK RANCHES MWC Number : 4200612-007 **EDT**
 Name Or Number of Sample Source : WELL #4 (INDIAN WAY) ACTIVE

User ID : 42C	Station Number : 4200612-007
Date/Time of Sample : 1806051015	Laboratory Code : 5 8 6 7
YYMMDDTTTT	
Submitted By : FGL Environmental	Phone # : (805) 392-2000

REGULATED ORGANICS CHEMICALS

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
SRL524	1,2,3-Trichloropropane	77443	ND	0.005	0.005

MCL - Maximum Contaminant Level, DLR -Detection Limit for Reporting Purpose, ND - Not Detected at or above DLR

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic 1,2,3-Trichloropropane	524M-TCP	06/11/18:206805SBL (SP 1807323-001)	Blank	ng/L		ND	<5	
			LCS	ng/L	5.000	117 %	80-120	
			MS	ng/L	5.000	133 %	80-120	435
			MSD	ng/L	5.000	122 %	80-120	435
	524M-TCP	06/12/18:206906SBL (SP 1807491-001)	Blank	ng/L		ND	<5	
			LCS	ng/L	5.000	108 %	80-120	
			MS	ng/L	5.000	115 %	80-120	
			MSD	ng/L	5.000	135 %	80-120	435
	SRL524	06/11/18:208676SBL	CCV	ng/L	20.00	98.8 %	80-120	
			CCV	ng/L	20.00	120 %	80-120	
	SRL524	06/12/18:208677SBL	CCV	ng/L	20.00	130 %	80-120	360
			CCV	ng/L	20.00	121 %	80-120	360
Definition								
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.								
Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.								
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte 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 Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.								
ND : Non-detect - Result was below the DQO listed for the analyte.								
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.								
Explanation								
360 : CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.								
435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.								

4792:06/04/2018				TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information																		
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: TCP Monitoring Purchase Order Number: Quote Number:				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(SR) Waste(W) Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)																		
Sampler(s) <i>M. Jimenez</i> Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ___/___/___ Time: ___/___																						
Lab Number: SP <i>1007323</i> 2-21676																						
Samp Num	Location Description	Date Sampled	Time Sampled																			
0	Travel Blank	<i>6/5/18</i>		G	LBW					4												
1	Well #2 Active	<i>↓</i>	<i>10:12</i>	G	DW					4	X											
2	Well #4 (Indian Way) Active	<i>↓</i>	<i>10:15</i>	G	DW					4												
Remarks: <i>//</i>				Relinquished Date: <i>6/5/18</i> Time: <i>1430</i>				Relinquished Date: _____ Time: _____				Relinquished Date: _____ Time: _____										
				Received By: <i>[Signature]</i> Date: <i>6/5/18</i> Time: <i>1430</i>				Received By: _____ Date: _____ Time: _____				Received By: _____ Date: _____ Time: _____										

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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 / 11 / _____ / _____ / _____ / _____ / _____
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

Inez Covarrubias



Digitally signed by Inez Covarrubias
Title: Sample Receiving
Date: 06/07/2018-16:23:04

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 1807323