

December 30, 2018

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

Lab ID : SP 1816365  
 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	12/10/2018	12/10/2018	SP 1816365-001	DW
Well #4 (Indian Way) Active	12/10/2018	12/10/2018	SP 1816365-002	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	12/14/2018:214778 All preparation quality controls are within established criteria
SRL524	12/14/2018:218399 All analysis 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.**



Digitally signed by Kelly A. Dunnahoo, B.S.  
Title: Laboratory Director  
Date: 2018-12-31

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### ORGANIC CHEMICALS ANALYSIS

Date of Report : December 30, 2018      Sample ID : SP 1816365-001  
 Laboratory Name : **FGL Environmental**      Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S. Title: Laboratory Director Date: 2018-12-31  
 Sampled On : 12/10/2018-09:25  
 Received On : 12/10/2018-15:30      Sampler : Matthew Jimenez  
 Completed On : 12/14/2018      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	: 1812100925 YYMMDDTTT	Laboratory Code	: 5 8 6 7
Submitted By	: <b>FGL Environmental</b>	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 : December 30, 2018      Sample ID : SP 1816365-002  
 Laboratory Name : **FGL Environmental**      Approved By **Kelly A. Dunnahoo, B.S.**  
 Sampled On : 12/10/2018-09:15  
 Received On : 12/10/2018-15:30      Sampler : Matthew Jimenez  
 Completed On : 12/14/2018      Employed By : FGL Environmental

Digitally signed by Kelly A. Dunnahoo, B.S.  
 Title: Laboratory Director  
 Date: 2018-12-31

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	: 1812100915	Laboratory Code	: 5 8 6 7
	YYMMDDTTTT		
Submitted By	: <b>FGL Environmental</b>	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
<b>Organic</b> 1,2,3-Trichloropropane	524M-TCP	12/14/18:214778VRG  (SP 1816363-001)	Blank	ng/L		ND	<5	
			LCS	ng/L	5.000	101 %	80-120	
			MS	ng/L	5.000	94.8 %	80-120	
			MSD	ng/L	5.000	110 %	80-120	
			MSRPD	ng/L	5.000	0.78	≤5	
	SRL524	12/14/18:218399VRG	CCV	ng/L	20.00	112 %	80-120	
			CCV	ng/L	20.00	112 %	80-120	
<b>Definition</b>								
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.								



### 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 / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_
- 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

**Alyssa P. Bavero**



Digitally signed by Alyssa P. Bavero  
Title: Sample Receiving  
Date: 12/10/2018-15:57:23

**Discrepancy Documentation:**

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

- 1. Person Contacted: None Phone Number: \_\_\_\_\_  
Initiated By: APB Date: 2018-12-10  
Problem: **One VOA for -2 broke in house.**

Resolution: **Had enough volume to still continue with analysis.**

- 2. Person Contacted: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Initiated By: \_\_\_\_\_ Date: \_\_\_\_\_  
Problem: \_\_\_\_\_

Resolution: \_\_\_\_\_

(2021676)  
**Meadowlark Ranches Mutual Water  
Co.  
SP 1816365**