September 1, 2020

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

Lab ID : SP 2010714
Customer : 2-21676

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 4 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(2 pages)	: Results for each sample submitted.
Interpretation	(1 page)	: Drinking Water Interpretation for each sample submitted.
Quality Control	(2 pages)	: 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
Travel Blank	08/11/2020	08/11/2020	SP 2010714-000	LBW
HB @ Pipe Loop	08/11/2020	08/11/2020	SP 2010714-001	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

551.1	08/18/2020:213198 All analysis quality controls are within established criteria
	08/17/2020:209551 All preparation quality controls are within established criteria (performed at FGL-SP ELAP# 1573)
552	08/19/2020:209658 All preparation quality controls are within established criteria (performed at FGL-SP ELAP# 1573)

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FAX: (559)734-8435
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September 1, 2020 Lab ID : SP 2010714
Meadowlark Ranches Mutual Water Co. Customer : 2-21676

Organic QC

552.2	08/20/2020:213318 All analysis quality controls are within established criteria

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:SVH

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2020-09-01

September 1, 2020

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

Description : Travel Blank
Project : DBP Monitoring

Lab ID : SP 2010714-000
Customer ID : 2-21676

Sampled On : August 11, 2020-00:00
Sampled By : Matthew Jimenez
Received On : August 11, 2020-15:20
Matrix : Lab. Blank Water

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
EPA 551.1								
Decafluorobiphenyl‡	99.5	80-120	%		551.1	08/17/20:209551	551.1	08/18/20:213198
Bromodichloromethane	ND	1	ug/L		551.1	08/17/20:209551	551.1	08/18/20:213198
Bromoform	2	1	ug/L		551.1	08/17/20:209551	551.1	08/18/20:213198
Chloroform	ND	1	ug/L		551.1	08/17/20:209551	551.1	08/18/20:213198
Dibromochloromethane	ND	1	ug/L		551.1	08/17/20:209551	551.1	08/18/20:213198
Total Trihalomethanes	2	--	ug/L		551.1	08/17/20:209551	551.1	08/18/20:213198

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.

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September 1, 2020

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

Description : HB @ Pipe Loop
Project : DBP Monitoring

Lab ID : SP 2010714-001
Customer ID : 2-21676

Sampled On : August 11, 2020-10:35
Sampled By : Matthew Jimenez
Received On : August 11, 2020-15:20
Matrix : Drinking Water

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
EPA 551.1								
Decafluorobiphenyl‡	98.7	80-120	%		551.1	08/17/20:209551	551.1	08/18/20:213198
Bromodichloromethane	2	1	ug/L		551.1	08/17/20:209551	551.1	08/18/20:213198
Bromoform	2	1	ug/L		551.1	08/17/20:209551	551.1	08/18/20:213198
Chloroform	ND	1	ug/L		551.1	08/17/20:209551	551.1	08/18/20:213198
Dibromochloromethane	2	1	ug/L		551.1	08/17/20:209551	551.1	08/18/20:213198
Total Trihalomethanes	6	--	ug/L	80	551.1	08/17/20:209551	551.1	08/18/20:213198
EPA 552.2								
2,3-Dibromopropionic Acid‡	84.5	70-130	%		552	08/19/20:209658	552.2	08/20/20:213318
Bromoacetic Acid	ND	1	ug/L		552	08/19/20:209658	552.2	08/20/20:213318
Chloroacetic Acid	ND	2	ug/L		552	08/19/20:209658	552.2	08/20/20:213318
Dibromoacetic Acid	2	1	ug/L		552	08/19/20:209658	552.2	08/20/20:213318
Dichloroacetic Acid	ND	1	ug/L		552	08/19/20:209658	552.2	08/20/20:213318
Trichloroacetic Acid	ND	1	ug/L		552	08/19/20:209658	552.2	08/20/20:213318
Haloacetic acids (five)	2	--	ug/L	60	552	08/19/20:209658	552.2	08/20/20:213318

ND=Non-Detected. PQL=Practical Quantitation Limit. ‡Surrogate. * PQL adjusted for dilution.
MCL = Maximum Contamination Level. 2 - Secondary Standard. 3 - CDPH Notification Level. AL = Regulatory Action Level.

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September 1, 2020 Lab ID :SP 2010714-001
Meadowlark Ranches Mutual Water Co. Description : HB @ Pipe Loop

Drinking Water Interpretation

Summary: Your Water was acceptable for all items tested on this sample report. Details are presented below:

CONSTITUENT	RESULT	UNITS	MCL	MCL LESS OR EQUAL	MCL EXCEED
Organic - Primary					
Haloacetic acids (five)	2	ug/L	60	Pass	
Total Trihalomethanes	6	ug/L	80	Pass	

ND=Non-Detected.

MCL: The maximum level at which a constituent may be present and be considered acceptable for potability or aesthetics.

Primary: Items listed as primary are regulated because of health concerns. If there is a failure for a primary constituent treatment is normally required.

Secondary: Items listed as secondary are regulated because they may adversely affect the taste, odor or appearance of drinking water. They are not directly health related. If there is a failure for a secondary constituent on a small public water system it is best to consult your regulator to determine if treatment is required. A secondary constituent failure for a private water system does not require treatment. However, the owner may wish to treat the water in order to improve the quality.

Treatment: If your water requires treatment we suggest that you contact a qualified water treatment company. They are normally listed in the yellow pages under the following topics:

Water Purification & Filtration Equipment
Water Softening & Conditioning Equipment
Water Treatment Equipment

September 1, 2020 Lab ID : SP 2010714
Meadowlark Ranches Mutual Water Co. Customer : 2-21676

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Bromodichloromethane	551.1	08/17/20:209551SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.11	94.1 %	80-120	
			MS	ug/L	9.728	81.7 %	80-120	
		(SP 2010714-001)	MSD	ug/L	9.563	81.2 %	80-120	
			MSRPD	ug/L	19.13	1.8%	≤20	
	551.1	08/18/20:213198SBL	CCV	ug/L	166.7	86.2 %	80-120	
			CCV	ug/L	83.33	93.9 %	80-120	
Bromoform	551.1	08/17/20:209551SBL	Blank	ug/L		1.0	<1	
			LCS	ug/L	10.11	94.7 %	80-120	
			MS	ug/L	9.728	94.4 %	80-120	
		(SP 2010714-001)	MSD	ug/L	9.563	93.7 %	80-120	
			MSRPD	ug/L	19.13	2.1%	≤20	
	551.1	08/18/20:213198SBL	CCV	ug/L	166.7	106 %	80-120	
			CCV	ug/L	83.33	116 %	80-120	
Chloroform	551.1	08/17/20:209551SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.11	97.7 %	80-120	
			MS	ug/L	9.728	95.4 %	80-120	
		(SP 2010714-001)	MSD	ug/L	9.563	102 %	80-120	
			MSRPD	ug/L	19.13	4.6%	≤20	
	551.1	08/18/20:213198SBL	CCV	ug/L	166.7	95.7 %	80-120	
			CCV	ug/L	83.33	98.9 %	80-120	
Decafluorobiphenyl	551.1	08/17/20:209551SBL	Blank	ug/L	19.88	92.6 %	80-120	
			LCS	ug/L	20.22	97.2 %	80-120	
			MS	ug/L	19.46	102 %	80-120	
		(SP 2010714-001)	MSD	ug/L	19.13	106 %	80-120	
			MSRPD	ug/L	19.13	1.8%	≤20.0	
	551.1	08/18/20:213198SBL	CCV	ug/L	333.3	98.4 %	80-120	
			CCV	ug/L	166.7	98.8 %	80-120	
Dibromochloromethane	551.1	08/17/20:209551SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.11	99.1 %	80-120	
			MS	ug/L	9.728	108 %	80-120	
		(SP 2010714-001)	MSD	ug/L	9.563	107 %	80-120	
			MSRPD	ug/L	19.13	2.4%	≤20	
	551.1	08/18/20:213198SBL	CCV	ug/L	166.7	97.9 %	80-120	
			CCV	ug/L	83.33	100 %	80-120	
2,3-Dibromopropionic Acid	552	08/19/20:209658MCA	Blank	ug/L	5.000	61.2 %	70-130	
			LCS	ug/L	5.000	72.1 %	70-130	
			MS	ug/L	5.000	94.0 %	70-130	
		(CH 2076231-001)	MSD	ug/L	5.000	78.8 %	70-130	
			MSRPD	ug/L	5.000	0.76	≤1	
Dibromoacetic Acid	552	08/19/20:209658MCA	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	102 %	70-130	
			MS	ug/L	10.00	94.1 %	70-130	
		(CH 2076231-001)	MSD	ug/L	10.00	96.2 %	70-130	
			MSRPD	ug/L	5.000	2.2%	≤20.0	
Dichloroacetic Acid	552	08/19/20:209658MCA	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	115 %	70-130	
			MS	ug/L	10.00	92.4 %	70-130	
		(CH 2076231-001)	MSD	ug/L	10.00	82.1 %	70-130	
			MSRPD	ug/L	5.000	11.7%	≤20.0	
Monobromoacetic Acid	552	08/19/20:209658MCA	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	105 %	70-130	
			MS	ug/L	10.00	101 %	70-130	
		(CH 2076231-001)	MSD	ug/L	10.00	91.8 %	70-130	
			MSRPD	ug/L	5.000	9.2%	≤20.0	

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September 1, 2020 Lab ID : SP 2010714

Meadowlark Ranches Mutual Water Co. Customer : 2-21676

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
Monochloroacetic Acid	552	08/19/20:209658MCA	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	107 %	70-130	
			MS	ug/L	10.00	102 %	70-130	
		(CH 2076231-001)	MSD	ug/L	10.00	98.5 %	70-130	
			MSRPD	ug/L	5.000	2.9%	≤20.0	
Trichloroacetic Acid	552	08/19/20:209658MCA	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	117 %	70-130	
			MS	ug/L	10.00	125 %	70-130	
		(CH 2076231-001)	MSD	ug/L	10.00	111 %	70-130	
			MSRPD	ug/L	5.000	11.6%	≤20.0	
2,3-Dibromopropionic Acid	552.2	08/20/20:213318MCA	CCV	ug/L	50.00	100 %	70-130	
			CCV	ug/L	75.00	97.0 %	70-130	
Dibromoacetic Acid	552.2	08/20/20:213318MCA	CCV	ug/L	100.0	92.8 %	70-130	
			CCV	ug/L	150.0	104 %	70-130	
Dichloroacetic Acid	552.2	08/20/20:213318MCA	CCV	ug/L	100.0	99.2 %	70-130	
			CCV	ug/L	150.0	102 %	70-130	
Monobromoacetic Acid	552.2	08/20/20:213318MCA	CCV	ug/L	100.0	102 %	70-130	
			CCV	ug/L	150.0	100 %	70-130	
Monochloroacetic Acid	552.2	08/20/20:213318MCA	CCV	ug/L	100.0	107 %	70-130	
			CCV	ug/L	150.0	108 %	70-130	
Trichloroacetic Acid	552.2	08/20/20:213318MCA	CCV	ug/L	100.0	107 %	70-130	
			CCV	ug/L	150.0	108 %	70-130	

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.

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Laboratory Copy (1 of 3)

2120:08/17/2020

TEST DESCRIPTION - See Reverse side for Container, Preservative 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: **DBP Monitoring**
Purchase Order Number:
Quote Number:

Sampler(s) M. Jimenez

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP** 20107114 2-21676

Samp Num	Location Description	Date Sampled	Time Sampled	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)	EPA 551.1 40ml(VOA)-Na2SO3	EPA 552.2 250ml(AGT)-NH4Cl	Time/Mileage
0	Travel Blank	8/11/2020		G	LBW				4		
1	HB @ Pipe Loop	↓	10:35	G	DW				4	1	X

Remarks: 12C mi

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	8/11/2020	1520						
Received By:	**Date:**	**Time:**	**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** / **12C** / _____ / _____ / _____ / _____ / _____
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 **Cynthia T Casarez** Digitally signed by Cynthia T Casarez Title: Sample Receiving Date: 08/13/2020-13:34:51

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:

   Resolution:

(2021676)
Meadowlark Ranches Mutual Water Co.
SP 2010714