September 7, 2018

Lab ID : SP 1810880 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 7 pages divided into 4 sections:

Case Narrative (2 pages): An overview of the work performed at FGL.

(2 pages): Results for each sample submitted. Sample Results

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	08/20/2018	08/20/2018	SP 1810880-000	LBW
HB @ Pipe Loop	08/20/2018	08/20/2018	SP 1810880-001	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	08/24/2018:212474 All analysis quality controls are within established criteria, except: The following note applies to Decafluorobiphenyl:
	362 Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports. 08/27/2018:212641 All analysis quality controls are within established criteria.

September 7, 2018 Lab ID : SP 1810880 **Meadowlark Ranches Mutual Water Co.** Customer : 2-21676

Organic QC

551.1	08/24/2018:210118 All preparation quality controls are within established criteria.						
552	08/27/2018:210194 All preparation quality controls are within established criteria.						
552.2	08/31/2018:212826 All analysis quality controls are within established criteria.						
	08/31/2018:212828 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:DMB

Approved By Kelly A. Dunnahoo, B.S.





September 7, 2018 Lab ID : SP 1810880-000

Customer ID : 2-21676

Meadowlark Ranches Mutual Water Co.

Attn: Mike Hadley Sampled On : August 20, 2018-00:00 : Matthew Jimenez P.O. Box 606 Sampled By

Santa Ynez, CA 93460-0606 Received On : August 20, 2018-14:10

> Matrix : Lab. Blank Water

: Travel Blank Description **Project** : DBP Monitoring

Sample Result - Organic

Constituent	Result	PQL	Units	Note	Sample	Preparation	Sample Analysis		
Constituent	Constituent		ZE Onits		Method	Method Date/ID		Date/ID	
EPA 551.1									
Decafluorobiphenyl [‡]	103	80-120	%		551.1	08/24/18:210118	551.1	08/24/18:212474	
Bromodichloromethane	ND	1	ug/L		551.1	08/24/18:210118	551.1	08/27/18:212641	
Bromoform	ND	1	ug/L		551.1	08/24/18:210118	551.1	08/27/18:212641	
Chloroform	ND	1	ug/L		551.1	08/24/18:210118	551.1	08/27/18:212641	
Dibromochloromethane	ND	1	ug/L		551.1	08/24/18:210118	551.1	08/27/18:212641	
Total Trihalomethanes	ND		ug/L		551.1	08/24/18:210118	551.1	08/27/18:212641	

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



September 7, 2018 Lab ID : SP 1810880-001

Customer ID : 2-21676

Meadowlark Ranches Mutual Water Co.

Sampled On : August 20, 2018-09:45 Attn: Mike Hadley : Matthew Jimenez P.O. Box 606 Sampled By

Santa Ynez, CA 93460-0606 Received On : August 20, 2018-14:10

> : Drinking Water Matrix

Description : HB @ Pipe Loop **Project** : DBP Monitoring

Sample Result - Organic

Constituent	Result	PQL	Units	MCL/AL	Sample	Preparation	Samp	e Analysis	
Constituent	Result	TQL Cints		WICL/AL	Method	Date/ID	Method	Date/ID	
EPA 551.1									
Decafluorobiphenyl [‡]	104	80-120	%		551.1	08/24/18:210118	551.1	08/24/18:212474	
Bromodichloromethane	ND	1	ug/L	1	551.1	08/24/18:210118	551.1	08/27/18:212641	
Bromoform	ND	1	ug/L		551.1	08/24/18:210118	551.1	08/27/18:212641	
Chloroform	ND	1	ug/L		551.1	08/24/18:210118	551.1	08/27/18:212641	
Dibromochloromethane	ND	1	ug/L		551.1	08/24/18:210118	551.1	08/27/18:212641	
Total Trihalomethanes	ND		ug/L	80	551.1	08/24/18:210118	551.1	08/27/18:212641	
EPA 552.2									
2,3-Dibromopropionic Acid [‡]	134	70-130	%		552	08/27/18:210194	552.2	08/31/18:212828	
Bromoacetic Acid	ND	1	ug/L		552	08/27/18:210194	552.2	08/31/18:212826	
Chloroacetic Acid	ND	2	ug/L		552	08/27/18:210194	552.2	08/31/18:212826	
Dibromoacetic Acid	ND	1	ug/L		552	08/27/18:210194	552.2	08/31/18:212826	
Dichloroacetic Acid	ND	1	ug/L		552	08/27/18:210194	552.2	08/31/18:212826	
Trichloroacetic Acid	ND	1	ug/L		552	08/27/18:210194	552.2	08/31/18:212826	
Haloacetic acids (five)	ND		ug/L	60	552	08/27/18:210194	552.2	08/31/18:212826	

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.

September 7, 2018 Lab ID :SP 1810880-001 **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:

				MCL		
CONSTITUENT	RESULT	UNITS	MCL	LESS OR EQUAL	EXCEED	
				EQUAL	1	
Organic - Primary						
Haloacetic acids (five)	ND	ug/L	60	Pass		
Total Trihalomethanes	ND	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 7, 2018 Lab ID : SP 1810880 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	08/24/18:210118BJW	Blank	ug/L		ND	<1	
Bromodiemoromemane	331.1	00/24/10.210110 D3 W	LCS	ug/L ug/L	10.00	100 %	80-120	
			MS	ug/L ug/L	10.00	89.0 %	80-120	
		(SP 1810880-001)	MSD	ug/L ug/L	10.00	89.7 %	80-120	
		(51 1010000 001)	MSRPD	ug/L ug/L	20.00	0.8%	≤20	
	551.1	08/27/18:212641BJW	CCV	ug/L	166.7	94.3 %	80-120	
	331.1	00/27/10.2120+1 D3 W	CCV	ug/L ug/L	83.33	86.5 %	80-120	
Bromoform	551.1	08/24/18:210118BJW	Blank	ug/L		ND	<1	
	001.1	00/2 !/ 10:21011020 !!	LCS	ug/L	10.00	107 %	80-120	
			MS	ug/L ug/L	10.00	96.6 %	80-120	
		(SP 1810880-001)	MSD	ug/L	10.00	98.7 %	80-120	
		(51 1010000 001)	MSRPD	ug/L ug/L	20.00	2.2%	≤20	
	551.1	08/27/18:212641BJW	CCV	ug/L ug/L	166.7	98.3 %	80-120	
	331.1	00/27/10.212041 D 3 W	CCV	ug/L ug/L	83.33	94.4 %	80-120	
Chloroform	551.1	08/24/18:210118BJW	Blank	ug/L	03.33	ND	<1	
	331.1	00/2 1 /10.210110DJW	LCS	ug/L ug/L	10.00	103 %	80-120	
			MS	ug/L ug/L	10.00	90.3 %	80-120	
		(SP 1810880-001)	MSD	ug/L ug/L	10.00	90.3 %	80-120	
		(31 1010000-001)	MSRPD	ug/L ug/L	20.00	0.07%	≤20	
	551.1	09/27/19.2126/1D IW			-		80-120	
	331.1	08/27/18:212641BJW	CCV CCV	ug/L	166.7 83.33	97.4 %	80-120 80-120	
D (l 1:1 1	551.1	00/04/10 210110D IW		ug/L		89.4 %		
Decafluorobiphenyl	551.1	08/24/18:210118BJW	Blank	ug/L	20.00	103 %	80-120	
			LCS	ug/L	20.00	107 %	80-120	
		(CD 1010000 001)	MS	ug/L	20.00	100 %	80-120	
		(SP 1810880-001)	MSD	ug/L	20.00	108 %	80-120	
			MSRPD	ug/L	20.00	7.3%	≤20.0	
	551.1	08/24/18:212474BJW	CCV CCV	ug/L ug/L	166.7 333.3	123 % 102 %	80-120 80-120	362
Dibromochloromethane	551.1	08/24/18:210118BJW	Blank		333.3	ND	<1	
Dibromochioromethane	331.1	06/24/16:210116DJW	LCS	ug/L ug/L	10.00	107 %	80-120	
			MS	ug/L ug/L	10.00	94.6 %	80-120	
		(SP 1810880-001)	MSD	ug/L ug/L	10.00	96.3 %	80-120	
		(31 1010000-001)	MSRPD	ug/L ug/L	20.00	1.7%	≤20	
	551.1	08/27/18:212641BJW	CCV		-	99.1 %	80-120	
	331.1	06/21/16:212041DJW	CCV	ug/L ug/L	166.7 83.33	99.1 %	80-120	
2.2 Dilanananiania Aaid	552	08/27/18:210194BJW	Blank		+	112 %	70-130	
2,3-Dibromopropionic Acid	332	08/21/18:210194BJW		ug/L	5.000			
			LCS MS	ug/L	5.000	126 %	70-130	
		(CD 1010602 001)	MSD	ug/L	5.000	118 %	70-130	
		(SP 1810682-001)		ug/L	5.000	130 %	70-130	
Dibromoacetic Acid	552	00/27/10,210104D W	MSRPD Blank	ug/L	5.000	9.5%	≤20.0 <1	
Dibiomoacenc Acid	332	08/27/18:210194BJW		ug/L	10.00	ND		
	1		LCS	ug/L	10.00	92.7 %	70-130	
		(CD 1010(02 001)	MS	ug/L	10.00	91.2 %	70-130	
	1	(SP 1810682-001)	MSD MSRPD	ug/L	10.00	105 %	70-130 ≤20.0	
Diablemagnatic A-14	552	00/27/10,210104D W		ug/L	5.000	14.3%		
Dichloroacetic Acid	332	08/27/18:210194BJW	Blank	ug/L	10.00	ND	<1 70-130	
	1		LCS MS	ug/L	10.00	96.6 %	70-130	
	1	(SP 1810682-001)	MSD	ug/L	10.00 10.00	95.9 % 109 %	70-130	
	1	(Sr 1010082-001)	MSD MSRPD	ug/L			/0-130 ≤20.0	
N. f. 1 (* * * * * * * * * * * * * * * * * *	550	00/07/10 0101045		ug/L	5.000	13.1%		
Monobromoacetic Acid	552	08/27/18:210194BJW	Blank	ug/L	10.00	ND	<1	
			LCS	ug/L	10.00	81.5 %	70-130	
	1	(CD 1010 CO2 001)	MS	ug/L	10.00	97.0 %	70-130	
	1	(SP 1810682-001)	MSD	ug/L	10.00	111 %	70-130	
			MSRPD	ug/L	5.000	12.8%	≤20.0	

September 7, 2018 Lab ID : SP 1810880 **Meadowlark Ranches Mutual Water Co.** Customer : 2-21676

Quality Control - Organic

Constituent	Method	Date/ID	Туре	Units	Conc.	QC Data	DQO	Note
Organic								
Monochloroacetic Acid	552	08/27/18:210194BJW	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	105 %	70-130	
			MS	ug/L	10.00	107 %	70-130	
		(SP 1810682-001)	MSD	ug/L	10.00	117 %	70-130	
			MSRPD	ug/L	5.000	9.3%	≤20.0	
Trichloroacetic Acid	552	08/27/18:210194BJW	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	97.6 %	70-130	
			MS	ug/L	10.00	95.4 %	70-130	
		(SP 1810682-001)	MSD	ug/L	10.00	113 %	70-130	
			MSRPD	ug/L	5.000	17.2%	≤20.0	
2,3-Dibromopropionic Acid	552.2	08/31/18:212828BJW	CCV	ug/L	50.00	96.5 %	70-130	
			CCV	ug/L	75.00	99.6 %	70-130	
Dibromoacetic Acid	552.2	08/31/18:212826BJW	CCV	ug/L	100.0	79.0 %	70-130	
			CCV	ug/L	150.0	81.4 %	70-130	
Dichloroacetic Acid	552.2	08/31/18:212826BJW	CCV	ug/L	100.0	83.2 %	70-130	
			CCV	ug/L	150.0	82.9 %	70-130	
Monobromoacetic Acid	552.2	08/31/18:212826BJW	CCV	ug/L	100.0	79.4 %	70-130	
			CCV	ug/L	150.0	74.1 %	70-130	
Monochloroacetic Acid	552.2	08/31/18:212826BJW	CCV	ug/L	100.0	93.5 %	70-130	
			CCV	ug/L	150.0	88.8 %	70-130	
Trichloroacetic Acid	552.2	08/31/18:212826BJW	CCV	ug/L	100.0	82.1 %	70-130	
			CCV	ug/L	150.0	83.6 %	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 analyted. 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 362

362 : Surrogates are qualified on Control Chart Limits, these are CCV limits. See individual sample reports.



Annual

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

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Client	Meadowlark Ranches Mutual W	Votor Co			2120:	U8/2(0/201	δ		IESI D	ESCR	TELLON -	See Keve	ise side 10	Container	, rieserva	uve and Sa	mpinig init		1223
	P.O. Box 606 Santa Ynez, CA 93460-0606	valer Co.					Waste(W)	(RPL)												
Phone	(805)688-3132 Fax:						Was	place												
Contac	t Person: Mike Hadley			ନ	* *	ક	SR)	Ž												
Projec	Name: DBP Monitoring			Grab(G)	SID	(Ag	Source(SR)	(TA												
Purcha	se Order Number:		•	ı	SSE	/ater	હ	sat(R							}					
Quote	Number:			ပ္ဆြ	VEF	Ag Water(AgW)	YS)	Repe				:								
Sampl	er(s) M. JiManer			Composite(C)	**SEE REVERSE SIDE**	Non-Potable(NP)) System(SYS)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)												
Sampl	ing Fee: Pickup Fe	e:		ling		n-Po	Other(O)	outi	SO3	14CI	'									
Comp	ositor Setup Date:/_/	Time: _	_′	amp	ple	Ž	S E	n: R	-Na2	 	မ္မ									
Lab N	umber: SP	<u> </u>	2-21676	g of S	of San	e(P)	Type:	Reason (O) S	51.1 VOA)	352.2 (AGT	Time/Mileage									
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling:	Type of Sample	Potable(P)	Bacti Type:	Bacti Other	EPA 551.1 40ml(VOA)-Na2SO3	EPA 552.2 250ml(AGT)-NH4CI	Time/									
0	Travel Blank	82618		G	LBW				4											
1	HB @ Pipe Loop	<u>.î.</u>	9:45	G	DW				4	1	Х									
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Corporate Offices & Laboratory

853 Corporation Street Santa Paula, CA 93060 Phone: (805) 392-2000

Env Fax: (805) 525-4172 / Ag Fax: (805) 392-2063

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

Fax: (209) 942-0423

Office & Laboratory 563 E. Lindo

Chico, CA 95926 Phone: (530) 343-5818 Fax: (530) 343-3807

Office & Laboratory 3442 Empresa Drive, Suite D

San Luis Obispo, CA 93401 Phone: (805) 783-2940 Fax: (805) 783-2912

Office & Laboratory 9415 W. Goshen Avenue Visalia, CA 93291

Phone: (559) 734-9473 Fax: (559) 734-8435

FGL Environmental Doc ID: 2D0900157_SOP_17.DOC

Revision Date: 10/09/14 Page: 1 of 1

Condition Upon Receipt (Attach to COC)

Sample Receipt at SP:							
1. Number of ice chests/packages received:	1	_					
2. Shipper tracking numbers —————							
Were samples received in a chilled condition? Temps:	ROI	/ 9	/	/	/	/	/
Surface water (SWTR) bact samples: A sample t should be flagged unless the time since sample of		•	•			whether id	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				
Were the samples received intact? (i.e. no broke bottles, leaks, etc.)	en 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? [Exception: Oil & Grease, VOA and CrVI verified in la	Yes	No	N/A	FGL			
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 an accepted?	nd Yes	No	N/A				
Include a copy of the COC for lab delivery. (Bacti. In	norganics	and Rad	dio)				
Sample Receipt, Login and Verification completed	by:		Reviewe Approve	- 50	awn Ped	Title:	ally signed by Shawn Peck Sample Receiving 08/28/2018-09:48:54
Discrepency Documentation: Any items above which are "No" or do not meet spe	ecifications	s (i.e. ter	mps) mus	t be reso	lved.		
1. Person Contacted:		hone Nu	• /				
Initiated By:		ate:					
Problem:							
Resolution:							
2. Person Contacted:	PI	hone Nu	ımber: _				
Initiated By:	Da	ate:					
Problem:							
Resolution:					(202	1676)	
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Co. **SP 1810880**