January 25, 2021

Santa Ynez, CA 93460-0606

Meadowlark Ranches Mutual Water Co.	Lab ID	: SP 2017785
Attn: Mike Hadley	Customer	: 2-21676
P.O. Box 606		

ENVIRONMENTAL

Laboratory Report

Analytical Chemists

AGRICULTURAL

Introduction: This report package contains total of 8 pages divided into 3 sections:

Case Narrative	(2 pages) : An overview of the work performed at FGL.
Sample Results	(4 pages) : Results 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
Well #4 (Indian Way) Active	12/23/2020	12/23/2020	SP 2017785-001	DW
Well #2 Active	12/23/2020	12/23/2020	SP 2017785-002	DW
Well #3 Standby	12/23/2020	12/23/2020	SP 2017785-003	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:

Inorganic - Metals QC

200.8	12/24/2020:220498 All analysis quality controls are within established criteria.
	12/24/2020:215086 All preparation quality controls are within established criteria (performed at FGL-SP ELAP# 1573).

Page 1 of 8 Office & Laboratory **Corporate Offices & Laboratory** Office & Laboratory Office & Laboratory Office & Laboratory 3442 Empresa Drive, Suite D 9415 W. Goshen Avenue 853 Corporation Street 2500 Stagecoach Road 563 E. Lindo Avenue Santa Paula, CA 93060 Stockton, CA 95215 Chico, CA 95926 San Luis Obispo, CA 93401 Visalia, CA 93291 TEL: (805)392-2000 TEL: (209)942-0182 TEL: (530)343-5818 TEL: (805)783-2940 TEL: (559)734-9473 Env FAX: (805)525-4172 / Ag FAX: (805)392-2063 FAX: (209)942-0423 FAX: (530)343-3807 FAX: (805)783-2912 FAX: (559)734-8435 CA ELAP Certification No. 1573 CA ELAP Certification No. 1563 CA ELAP Certification No. 2670 CA ELAP Certification No. 2775 CA ELAP Certification No. 2810

January 25, 2021	Lab ID	: SP 2017785
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Radio QC

900.0	01/06/2021:200207 All analysis quality controls are within established criteria.
	 12/28/2020:215116 All preparation quality controls are within established criteria (performed at FGL-SP ELAP# 1573), except: The following note applies to Gross Alpha: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
Ra - 05	01/17/2021:200911 All analysis quality controls are within established criteria.
	01/15/2021:200206 All preparation quality controls are within established criteria (performed at FGL-SP ELAP# 1573).

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: 2021-01-25



INORGANIC CHEMICALS ANALYSIS

Date of Report	: January 25, 2021	Sample ID : SP 2017785-001
Laboratory Name	: FGL Environmental	Approved By Kelly A. Dunnahoo, B.S. Digitally signed by Kelly A. Dunnahoo, B.S. Title: Laboratory Director Date: 2021-01-25
Sampled On	: 12/23/2020-09:28	
Received On	: 12/23/2020-15:10	Sampler : Matthew Jimenez
Completed On	: 01/13/2021-10:57	Employed By : FGL Environmental
System Name : N	MEADOWLARK RANCHES MW	/C Number : 4200612-007 EDT
Name Or Number o	of Sample Source : WELL #4 (I	NDIAN WAY) ACTIVE
User ID	: 42C	Station Number : 4200612-007
Date/Time of Sam	nple : 2012230928	Laboratory Code : 5 8 6 7
	YYMMDDTTTT	Lab Location : Santa Paula, CA
Submitted By	: FGL Environmental	

ADDITIONAL INORGANIC

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
200.8	20.0	pCi/L	Uranium	28012	1.91	0.7
				•		

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR

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INORGANIC CHEMICALS ANALYSIS

Date of Report	: Ja	anuary 25, 2021	Sample ID : SP 2017785-002
Laboratory Name		FGL Environmental	Approved By Kelly A. Dunnahoo, B.S. Digitally signed by Kelly A. Dunnahoo, B.S.
Sampled On	: 1	12/23/2020-09:15	
Received On	: 1	12/23/2020-15:10	Sampler : Matthew Jimenez
Completed On	: 0)1/13/2021-10:57	Employed By : FGL Environmental
System Name : N Name Or Number of		OWLARK RANCHES MWC ole Source : WELL #2 AC	
User ID Date/Time of San	nple	: 42C : 2012230915	Station Number : 4200612-001 Laboratory Code : 5 8 6 7
Submitted By	1	YYMMDDTTTT : FGL Environmental	Lab Location : Santa Paula, CA Phone # : (805) 392-2000

ADDITIONAL INORGANIC

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
200.8	20.0	pCi/L	Uranium	28012	1.87	0.7

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR

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INORGANIC CHEMICALS ANALYSIS

Date of Report	: Jar	anuary 25, 2021	Sample ID : SP 2017785-003
Laboratory Name Sampled On	: 12	GL Environmental 2/23/2020-09:45	Approved By Kelly A. Dunnahoo, B.S. Digitally signed by Kelly A. Dunnahoo, B.S. Title: Laboratory Director Date: 2021-01-25
Received On	: 12	2/23/2020-15:10	Sampler : Matthew Jimenez
Completed On	: 01	1/13/2021-10:57	Employed By : FGL Environmental
System Name : N	MEADO	WLARK RANCHES MWC	Number : 4200612-006 EDT
Name Or Number o	f Sample	e Source : WELL #3 STA	ANDBY
User ID		: 42C	Station Number : 4200612-006
Date/Time of Sam	iple	: 2012230945	Laboratory Code : 5 8 6 7
	•	YYMMDDTTTT	Lab Location : Santa Paula, CA
Submitted By		: FGL Environmental	Phone # : (805) 392-2000

ADDITIONAL INORGANIC

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR				
200.8	20.0	pCi/L	Uranium	28012	1.11	0.7				

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR

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RADIO CHEMICALS ANALYSIS

Date of Report	: January 25, 2021	Sample ID : SP 2017785-003
Laboratory Name Sampled On	 FGL Environmental 12/23/2020-09:45 	Approved By Kelly A. Dunnahoo, B.S.
Received On Completed On	$\begin{array}{rrrr} & 12/23/2020 & 03.13 \\ & 12/23/2020 & 15.10 \\ & 01/21/2021 & 11.59 \end{array}$	Sampler:Matthew JimenezEmployed By:FGL Environmental
System Name :	MEADOWLARK RANCHES MW	C Number : 4200612-006 EDT

Name Or Number of Sample Source : WELL #3 STANDBY

User ID		42C 2012230945	Station Number		
Date/Time of	Sample :	2012230945	Laboratory Code	:	5867
		YYMMDDTTTT	Lab Location	:	Santa Paula, CA
Submitted By	:	FGL Environmental	Phone #	:	(805) 392-2000

RADIOLOGICAL

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
900.0	15	pCi/L	Gross Alpha	01501	2.98	3
900.0		pCi/L	Gross Alpha Counting Error	01502	± 0.892	
900.0		pCi/L	Gross Alpha MDA95	A-072	1.01	
Ra - 05	2	pCi/L	Radium 228	11501	0.227	1
Ra - 05		pCi/L	Radium 228 Counting Error	11502	± 0.654	
Ra - 05		pCi/L	Radium 228 MDA95	A-075	0.400	

Including Radium But excluding Uranium. (Ref. Title 22 sec. 64442.)

DLR -Detection Limit for Reporting Purpose, MCL - Maximum Contaminant Level,

ND - Not Detected at or above DLR

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January 25, 2021 Meadowlark Ranches Mutual Water Co.

Lab ID Customer : SP 2017785 : 2-21676

Quality Control - Inorganic

Constituent		Method	Date/ID	Туре	Units	Conc.	QC Data	DQO	Note
Metals									
Uranium		200.8		MS	ug/L	5.000	118 %	75-125	
			(SP 2017473-001)	MSD MSRPD	ug/L ug/L	5.000 5.000	120 % 0.6%	75-125 ≤20	
		200.8	12/24/20:220498AC	CCV CCB	ppb ppb	120.0	97.2 % 0.002	90-110 0.2	
				CCV CCB	ppb ppb	120.0	95.9 % 0.001	90-110 0.2	
Definition									
CCV	0		tion - Analyzed to verif	•			criteria.		
CCB			Analyzed to verify the						
MS	: Matrix Spikes - A matrix affects ana		le is spiked with a know	wn amount o	of analyte. The	e recoveries	are an indicatio	on of how the	at sample
MSD	-	•	ASD pair - A random sa ple matrix affects analy		-	with a know	n amount of ar	alyte. The re	ecoveries
MSRPD	: MS/MSD Relativation and analysis.	ve Percent Diffe	erence (RPD) - The MS	relative per	cent differenc	e is an indic	ation of precis	ion for the p	reparation
DQO	: Data Quality Ob	jective - This is	the criteria against whi	ich the quali	ty control data	a is compare	d.		

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January 25, 2021 Meadowlark Ranches Mutual Water Co.

Lab ID Customer

: SP 2017785 : 2-21676

Constituent	Method Date/ID Type Units Conc. QC Data DQO							DQO	Note
Radio									
Alpha		900.0	01/06/21:200207JCA	CCV CCB	cpm cpm	7843	40.0 % 0.0600	35-47 0.14	
Gross Alpha		900.0	12/28/20:215116iwc	Blank LCS MS	pCi/L pCi/L pCi/L	201.1 402.2	0.34 89.0 % 48.7 %	3 75-125 60-140	435
			(SP 2017832-001)	MSD MSRPD	pCi/L pCi/L	402.2 402.2	47.0 % 3.4%	60-140 ≤30	435
Beta		Ra - 05	01/17/21:200911emv	CCV CCB	cpm cpm	7836	90.7 % 0.4400	84-94 0.48	
Ra 228		Ra - 05	01/15/21:200206emv	RgBlk LRS BS BSD BSRPD	pCi/L pCi/L pCi/L pCi/L pCi/L	12.30 12.30 12.30 12.30	0.19 70.7 % 86.7 % 79.9 % 0.84	3 65-108 75-125 75-125 ≤ 3	
Definition CCV CCB Blank RgBlk LCS LRS MS MSD BS BSD MSRPD BSRPD DQO	: Continuing Cali : Method Blank - : Method Reagent : Laboratory Cont : Laboratory Recc : Matrix Spikes - matrix affects ana : Matrix Spike Du are an indication of : Blank Spikes - A affecting analyte i : Blank Spike Du the preparation pr : MS/MSD Relati and analysis. : BS/BSD Relativ and analysis.	pration Blank - Prepared to ver Blank - Prepar rol Standard/Sa wery Standard - A random samp lyte recovery. plicate of MS/I of how that sam blank is spike recovery. plicate of BS/B: occess is not affi ve Percent Diffe	tion - Analyzed to verify Analyzed to verify the i ify that the preparation ed to correct for any rea imple - Prepared to veri - Prepared to establish t ble is spiked with a know MSD pair - A random sa ple matrix affects analy d with a known amount SD pair - A blank duplie ecting analyte recovery. erence (RPD) - The BS r the criteria against whi	instrument b process is no agent contril fy that the p he batch rec wn amount of ample duplic te recovery. of analyte. cate is spike relative perce	aseline is with ot contributing putions to sam reparation pro- overy factor u of analyte. The cate is spiked It is prepared d with a know cent difference	hin criteria. g contaminat uple result. occess is not a used in result e recoveries : with a know to verify tha vn amount of ce is an indicat	tion to the sam ffecting analytic calculations. are an indication n amount of an t the preparation f analyte. It is p ation of precision	te recovery. on of how th nalyte. The re on process is prepared to v ion for the p	ecoveries not verify that reparation
Explanation 435	- •	·	this analyte. Data was						

Quality Control - Radio

a ei ENVIRONMENTAL Analytical Chemists

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

1923:12/21/2020 TEST DESCRIPTION - See Reverse side for Co						for Container, Preservative and Sampling information					L215									
Phone Contac Projec Purcha Quote Sampl Sampl Lab N Samp	ss: Attn: Mike Hadley P.O. Box 606 Santa Ynez, CA 93460-0606 : (805)688-3132 Fax: ct Person: Mike Hadley t Name: Water Quality - R ase Order Number: Number:	adio	2-21676 Time	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL)	Metals, Total-U 250ml(P)-HNO3	Sampling-Sampling Fee	Radio Chemistry-Gross Alpha 32oz(P)	Radio Chemistry-Ra 228 32oz(P)-HNO3	- See Re	verse side	for Contair	ner, Preserv	rative and	Sampling ir	nformation	L215
Num 1	Well #4 (Indian Way) Active	Sampled	Sampled 9:28	Й G	DW T	Pol	Ba	<u>Ğ</u> Ba	52 W 1	Sai X	Ra 32	32, 8,				[· 	
—	Well #2 Active	12 123 000	9:15	G	DW				1		1									
—	Well #3 Standby		9:45	G	DW				1	X	1	2								
							_			<u> </u>										
 				┢			-							<u> </u>						
				┢																
				-																
Remar	ks:				eived E	-	· /	12	Date: <u>23</u> 202 Date: 23/10	<u>ا</u> ، د	570	Relinqui Receive		·	Date: Date:	Time: Time:	Relinquis Received		Date: Date:	Time: Time:
85 Si P	orporate Offices & Laboratory 53 Corporation Street anta Paula, CA 93060 hone: (805) 392-2000 nv Fax: (805) 525-4172 / Ag Fax:	(805) 392-2		2500 Stoci Phor	e & La Stage kton, C (209)	abora coac A 95 9) 94	atory h Ro 215 2-01	oad 82		: (563 E. Li Chico, C Phone: (1	Laborat indo A 95926 530) 343 0) 343-38	-5818	Mu	3442 E San Lu Phone	& Labora Empresa D uis Obispo : (805) 783 805) 783-2	rive, Suite , CA 9340 3-2940	e D 1	Office & Labo 9415 W. Gosh Visalia, CA 932 Phone: (559) 7 Fax: (559) 734	en Avenue 291 734-9473

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:	<u>. (Nor</u>	4c	/	/	_/	/	/
4. Surface water (SWTR) bact samples: A sample that has should be flagged unless the time since sample collection of the sample collection.		•	•	•		hether 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?	/es	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 lab]	Yes	No	N/A	FGL			
4. VOAs checked for Headspace?	/es	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?	(es	No	N/A]			
Include a copy of the COC for lab delivery. (Bacti. Inorga	nics an	nd Rad	dio)				
Sample Receipt, Login and Verification completed by:		Review	, ad and	Inez Cova	rubias	FGI Title: Sam	gned by Inez Covarrubias ple Receiving 4/2020-08:29:20
Discrepency Documentation:							
Any items above which are "No" or do not meet specifica			• •	st be resolv	ved.		
1. Person Contacted:		ne Nu	imber:				
Initiated By: Problem:	_ Date	e:	-				
Problem:							
Resolution:							
2. Person Contacted:			mber:				
Initiated By: Problem:	_ Date	e:	=				
Froblem.							
Resolution:					(2021	676)	
			Mea	dowlark	•		utual Water
			inca				
					SP 20'	1//85	