

Charles Tucker Wheeler Crest Community Services District 52 Pinon Drive Bishop, CA 93514

Project: Well #2

Dear Charles Tucker:

It is the policy of SGS Silver State Analytical Laboratory - Reno to strictly adhere to a comprehensive Quality Assurance Plan that ensures the data presented in this report are both accurate and precise. SGS Silver State Analytical Laboratory - Reno maintains accreditation in the State of Nevada (NV-00015) and the State of California (ELAP 2990).

The data presented in this report was obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged in the Analytical Report with an appropriate explanation in the Definitions & Qualifiers.

24061265

SUB-G ALPHA 900-R, TURBIDITY-R, SUB-PERCHLORATE 314-R, SUB-DBCP&EDB-504-R, SUB-VOC 524-R, ANIONS-SDWA,

SUB-1,2,3 TCP SR524M-R has been Sub Contracted.

Analytical Comments for EPA 300.0, Sample 24061265-05A, Batch ID R92271 : PRESERVED-JG

Sincerely,

Califia

Carly Wood Laboratory Director 1135 Financial Blvd Reno, NV 89502



Analytical Report

 Workorder#:
 24061265

 Date Reported:
 7/31/2024

Client:	Wheeler Crest Community Services District	Sampled By	Charles Tucker	
Project Name:	Well #2			
PO #:				

Laboratory Accreditation Number NV015/CA2990

Laboratory ID	Client Sample II	D	Date/	Time Sam	pled	Date Received	
24061265-01	Well #2		06/27	/2024 7:05	-	6/27/2024	
Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Alkalinity, Bicarbonate (As CaCO3)	SM 2320 B	76	ma/L		SR	06/29/2024 11:30	
Alkalinity, Carbonate (As CaCO3)	SM 2320 B	< 2.0	ma/L		SR	06/29/2024 11:30	
Alkalinity, Hydroxide (As CaCO3)	SM 2320 B	< 2.0	ma/L		SR	06/29/2024 11:30	
Alkalinity, Total (As CaCO3)	SM 2320 B	76	ma/L		SR	06/29/2024 11:30	
Aluminum	EPA 200.7	< 0.05	ma/L	0.2	AL	07/26/2024 12:28	
Antimony	EPA 200.8	<0.001	ma/L	0.006	AL	07/09/2024 16:10	
Arsenic	EPA 200.8	< 0.001	mg/L	0.01	AL	07/09/2024 16:10	
Barium	EPA 200.8	<0.005	mg/L	2	AL	07/09/2024 16:10	
Beryllium	EPA 200.8	<0.001	mg/L	0.004	AL	07/09/2024 16:10	
Cadmium	EPA 200.8	<0.001	mg/L	0.005	AL	07/09/2024 16:10	
Calcium	EPA 200.7	15	mg/L		AL	07/26/2024 12:28	
Chloride	EPA 300.0	1.8	mg/L	250	SR	06/28/2024 20:27	S
Chromium	EPA 200.8	<0.001	mg/L	0.1	AL	07/09/2024 16:10	
Color	SM 2120B	<5, pH 7.00	Color Units	15	AE	06/27/2024 14:32	
Copper	EPA 200.8	0.26	mg/L	1	AL	07/19/2024 19:05	
Cyanide, Free	SM 4500 CN-E	< 0.05	mg/L	0.15	DL	07/01/2024 13:27	
Digestion Turbidity Check	EPA 200.8	<1	NTU		HG	07/01/2024 16:09	
Fluoride	EPA 300.0	<0.1	mg/L	2	SR	06/28/2024 20:27	
Hardness as CaCO3	EPA 200.7	43	mg/L		AL	07/26/2024 12:28	
Iron	EPA 200.7	<0.05	mg/L	0.3	AL	07/26/2024 12:28	
Langelier Index	SM 2330 B	-0.86			CW	07/29/2024 10:40	
Lead	EPA 200.8	0.017	mg/L	0.015	AL	07/09/2024 16:10	*
Magnesium	EPA 200.7	1.3	mg/L		AL	07/26/2024 12:28	
Manganese	EPA 200.8	<0.001	mg/L	0.05	AL	07/09/2024 16:10	
MBAS (surfactants) LAS MW 340	SM 5540 C	< 0.050	mg/L	0.5	HG	06/28/2024 14:31	S
Mercury	EPA 245.1	< 0.0001	mg/L	0.002	CTR	07/05/2024 12:13	
Nickel	EPA 200.8	<0.001	mg/L		AL	07/09/2024 16:10	
Nitrite as N	EPA 300.0	<0.05	mg/L	1	SR	06/28/2024 20:27	
Odor	SM 2150 B	<1	T.O.N.	3	AE	06/27/2024 14:09	
рН	SM 4500 H+B	7.60	pH Units	8.5	SR	06/29/2024 11:30	н
pH Temperature	SM 4500 H+B	26.0	°C		SR	06/29/2024 11:30	н
Potassium	EPA 200.7	5.0	mg/L		AL	07/26/2024 12:28	
Selenium	EPA 200.8	<0.005	mg/L	0.05	AL	07/09/2024 16:10	
Silver	EPA 200.8	<0.001	mg/L	0.1	AL	07/09/2024 16:10	
Sodium	EPA 200.7	18	mg/L		AL	07/26/2024 12:28	
Specific Conductivity	SM 2510B	190	µmhos/cm		SR	06/29/2024 11:30	
Sulfate	EPA 300.0	6.1	mg/L	250	SR	06/28/2024 20:27	
Thallium	EPA 200.8	<0.0005	mg/L	0.002	AL	07/09/2024 16:10	
Total Dissolved Solids	SM 2540 C	150	mg/L	500	AE	07/03/2024 0:00	

Revision v1

CCC		SGS Silv 1135 Fin	er State Analytical La ancial Blvd	An	Analytical Report					
303		Reno, N (775) 857 www.ssa	V 89502 7-2400 llabs.com			Worl Date	korder#: 2 Reported: 7	24061265 7/31/2024		
Client: Project Name: PO #:	Wheeler Cr Well #2	est Community Ser	rvices District			Sampled	By Charles Tu	cker		
Laboratory Accr	editation Nu	mber NV015/CA	2990							
Laboratory ID 24061265-01		Client Sample I Well #2	D	Date 06/2	e /Time Sam 7/2024 7:05	pled	Date Received 6/27/2024	I		
Parameter		Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag		
Zinc		EPA 200.8	0.19	mg/L	5	AL	07/09/2024 16:10)		
Laboratory Accre	editation Nu	mber NV015/CA2	2990							
Laboratory ID 24061265-02		Client Sample I Well #2	D	Dat 06/2	e /Time Sam 7/2024 7:05	pled	Date Received 6/27/2024	I		
Parameter		Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag		
ALPHA, Gross		EPA 900	See Report			CW	07/31/2024 10:28	}		
Laboratory Accre	editation Nu	mber NV015/CA	2990							
Laboratory ID 24061265-03		Client Sample I Well #2	D	Date 06/2	e /Time Sam 7/2024 7:05	pled	Date Received 6/27/2024	I		
Parameter		Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag		
1,2,3 TCP SR 524 M DBCP & EDB Perchlorate		EPA SR 524 M EPA 504 EPA 314	See Report See Report See Report			JN JN JN	07/18/2024 8:47 07/18/2024 8:47 07/18/2024 8:47			
Laboratory Accre	editation Nu	mber NV015/CA	2990							
Laboratory ID		Client Sample I	D	Date	e/Time Sam	pled	Date Received	I		
24061265-04		Well #2		06/2	7/2024 7:05	-	6/27/2024			
Parameter		Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag		
Turbidity		SM 2130 B	See Report	NTU		JN				

CC	C	SGS Silv 1135 Fin	er State Analytical L ancial Blvd	An	Analytical Report			
<u> </u>		Reno, N (775) 857 www.ssa	7 89502 7-2400 labs.com			Worl Date	korder#: Reported:	24061265 7/31/2024
Client: Project Name: PO #:	Wheeler Cre Well #2	est Community Ser	vices District			Sampled	By Charles T	lucker
Laboratory Accr	editation Nur	nber NV930/CA3	3029					
Laboratory ID		Client Sample I	D	Date	e/Time Sam	pled	Date Receive	ed
24061265-05		Well #2		06/2	7/2024 7:05	_	6/27/2024	
Parameter		Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Nitrate as N		EPA 300.0	2.28	mg/L	10	JG	07/03/2024 16:	56



Quality Control Report

WO#:

24061265 7/31/2024

Analysis: Method:	Anions 3 EPA 300	800.0).0							Ba	tch ID:	R91	827	
	Method	Blank											
RunID: 91827	Seq	No 2489	425	Unit	s: mg/L								
Analysis Date: 6	/10/2024 11:	56:34 PM		Anal	yst: SR								
Analy	te	Resu	lt Re	p Limi	t Rep Qu	al							
Chloride		< ().50	0.5	0								
Fluoride		< 0).10	0.1	0								
Nitrite as N		< 0.	050	0.05	0								
Sulfate		< 0).20	0.2	0								
Labo RunID: 91827 Analysis Date: 6,	ratory Cont Seq /11/2024 1:0	rol Samp No 2489 0:52 AM	<u>le (LCS</u> 427) Units Anal	s: mg/L yst: SR				RPD	RPD	Low	High	Qual
	C	Spike Added		esuit	Recovery	Spike Added	Result	Recovery	KI D	Limit	Limit	Limit	Quai
Chloride		10.00)	9.3	93.3								•
Fluoride		10.00)	9.8	97.6								
Nitrite as N		10.00)	9.3	92.9								
Sulfate		10.00)	9.3	92.9								
Matrix Spike Sample Spiked: RunID: 91827 Analysis Date: 6	<u>(MS) / Matri</u> 24060146-0 Seql /24/2024 1:3	i x Spike [)1A No 2489 4:15 PM	Duplicat	t <mark>e (MSI</mark> Unite Anal	D) s: mg/L vst: SR								
												.	
Analyt	e	Sample Result	MS Spike Added	MS Resul	t Recover	y Spike Adde	e Resu	It Recover	у	Limi	t Low	t Limi	Qual t
Chloride		88.90	100.0	18	0 89	.5		•		-			
Fluoride		0.6000	100.0	10	0 10	00							
Nitrite as N		0	100.0	10	0 99	.9							
Sulfate		49.57	100.0	14	0 92	.9							
Matrix Spike Sample Spiked: RunID: 91827 Analysis Date: 6	(MS) / Matr i 24060475-0 Seq /24/2024 8:3	i x Spike [04A No 2489 2:00 PM	Duplicat 0400	te (MSI Unite Anal	2) s: mg/L yst: SR								
Analvt	e	Sample	MS	MS	MS %	MSE	MSD	MSD %	RPD	RPD	Low	Hiah	Qual
		Result	Spike Added	Resul	t Recover	y Spik Adde	e Resu	It Recover	у	Limi	t Limi	t Limi	t

		Added			P
Chloride	0	100.0	91	90.9	
Fluoride	0.5000	100.0	95	94.6	
Nitrite as N	0	100.0	94	93.8	
Sulfate	144.0	100.0	220	76.0	



Quality Control Report

WO#:

24061265 7/31/2024

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060458-01A

RunID:	91827	7	SeqNo	2489410	Units:	mg/L
Analysis	Date:	6/25/2024	1:53:18	AM	Analyst:	SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	101.6	100.0	190	92.6								
Fluoride	0	100.0	97	96.7								
Nitrite as N	0	100.0	92	92.0								
Sulfate	2289	100.0	2400	81.6	1							

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060539-12A

RunID:	9182	7 SeqNo	2490401	Units:	mg/L
Analysis	Date:	6/25/2024 10:27:	20 AM	Analyst:	SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	510.6	100.0	590	83.7								
Fluoride	0	100.0	94	94.2								
Nitrite as N	0	100.0	93	93.4	1							
Sulfate	2378	100.0	2400	49.3	1							

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060257-01A

RunID: 91827 SeqNo 2490409 Units: mg/L

Analysis Date: 6/25/2024 2:44:22 PM Analyst: SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	14.93	100.0	100	85.6								
Fluoride	0	100.0	95	94.7								
Nitrite as N	0	100.0	92	92.0								
Sulfate	52.11	100.0	140	91.6								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060339-10A

 RunID:
 91827
 SeqNo
 2490424
 Units:
 mg/L

Analysis Date: 6/25/2024 10:46:17 PM Analyst: SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	34.71	100.0	120	87.2								
Fluoride	0	100.0	100	99.5	1							
Nitrite as N	0	100.0	89	89.3								
Sulfate	2699	100.0	2800	134]							



Quality Control Report

WO#:

24061265 7/31/2024

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060339-01A

RunID:	91827	7 SeqN	٥V	2490436	Units:	mg/L
Analysis	Date:	6/26/2024 5:1	1:55	AM	Analyst:	SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	42.48	100.0	130	90.5			-					
Fluoride	2.650	100.0	98	95.4	1							
Nitrite as N	0	100.0	97	96.7	1							
Sulfate	95.17	100.0	190	97.5	1							

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060339-10A

RunID:	91827	SeqNo	2491250	Units:	mg/L

Analysis Date: 6/26/2024 10:01:06 AM Analyst: SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	36.67	100.0	130	89.1								
Fluoride	0	100.0	98	97.9								
Nitrite as N	0	100.0	96	96.4								
Sulfate	96.18	100.0	190	95.4								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060223-03A

RunID: 91827 SeqNo 2491264 Units: mg/L

Analysis Date: 6/26/2024 3:54:33 PM Analyst: SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	52.21	100.0	140	90.3								
Fluoride	0	100.0	98	98.0								
Nitrite as N	0	100.0	96	96.5								
Sulfate	97.96	100.0	200	97.1]							

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060223-01A

RunID: 91827 SeqNo 2491278 Units: mg/L

Analysis Date: 6/26/2024 11:24:22 PM Analyst: SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	30.77	100.0	110	83.2								
Fluoride	1.190	100.0	95	93.4								
Nitrite as N	0	100.0	89	89.1								
Sulfate	2222	100.0	2300	72.8								



Quality Control Report

WO#:

24061265 7/31/2024

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060808-01A

RunID:	91827	7 SeqN	0	2491297	Units:	mg/L
Analysis	Date:	6/27/2024 8:30	:25	5 AM	Analyst:	SR

MS MS MS % MSD MSD MSD % RPD RPD Low High Qual Analyte Sample Result Spike Result Recovery Spike Result Recovery Limit Limit Limit Added Added Chloride 93.45 100.0 180 88.4 Fluoride 100.0 95 95.1 0 Nitrite as N 0 100.0 92 92.0 25.25 100.0 90.6 Sulfate 120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060689-01A

RunID:	91827	SeqNo	2493307	Units:	mg/L

Analysis Date: 6/27/2024 1:56:04 PM Analyst: SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	24.17	100.0	110	88.2								
Fluoride	0	100.0	97	96.7								
Nitrite as N	0	100.0	95	95.3								
Sulfate	79.15	100.0	170	94.5								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060179-03A

RunID: 91827 SeqNo 2493319 Units: mg/L

Analysis Date: 6/27/2024 8:21:36 PM Analyst: SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	14.89	100.0	100	85.0								
Fluoride	0	100.0	96	96.0								
Nitrite as N	0	100.0	91	90.7								
Sulfate	2111	100.0	2200	46.6								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060832-04A

RunID: 91827 SeqNo 2493334 Units: mg/L

Analysis Date: 6/28/2024 4:23:32 AM Analyst: SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	0	100.0	91	91.2								
Fluoride	0	100.0	96	96.3								
Nitrite as N	0	100.0	94	94.4								
Sulfate	131.3	100.0	230	100								



Quality Control Report

WO#:

24061265 7/31/2024

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060862-04A

RunID:	91827	SeqNo	2494889	Units:	mg/L
Analysis	Date:	6/28/2024 10:48:	57 AM	Analyst:	SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	27.85	100.0	110	82.2								
Fluoride	0	100.0	92	92.0								
Nitrite as N	0	100.0	87	87.1								
Sulfate	2144	100.0	2300	142]							

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060864-01A

RunID	:	91827	SeqNo	2494897	l	Jnits:	mg/L

Analysis Date: 6/28/2024 3:06:04 PM Analyst: S	Analyst: SR
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Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	0	100.0	91	91.4								
Fluoride	0	100.0	120	120								
Nitrite as N	0	100.0	75	74.7								
Sulfate	2832	100.0	3100	236								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060179-01A

 RunID:
 91827
 SeqNo
 2497759
 Units:
 mg/L

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 Data
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Analysis Date: 6/28/2024 11:40:04 PM Analyst: SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	38.29	100.0	130	88.2								
Fluoride	0	100.0	96	96.4								
Nitrite as N	0	100.0	95	95.4								
Sulfate	37.74	100.0	130	93.2]							

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060537-01A

RunID: 91827 SeqNo 2497766 Units: mg/L

Analysis Date: 6/29/2024 3:25:00 AM Analyst: SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	52.99	100.0	140	89.8								
Fluoride	0	100.0	97	96.7								
Nitrite as N	0	100.0	95	95.5								
Sulfate	151.6	100.0	250	97.5								



Quality Control Report

WO#: 24061265 7/31/2024

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060985-01A

RunID:	91827	SeqNo	2497783	Units:	mg/L
Analysis I	Date: 6/29/2	024 12:31:1	I8 PM	Analyst:	SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	44.49	100.0	130	88.3								
Fluoride	0	100.0	97	96.6								
Nitrite as N	0	100.0	95	95.4								
Sulfate	64.61	100.0	160	93.6]							

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060998-01A

RunID:	9182	7 SeqNo	2497792	Units:	mg/L
Analysis	Date:	6/29/2024 5:20:30	D PM	Analyst:	SR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Chloride	24.19	100.0	130	108								
Fluoride	5.260	100.0	130	120								
Nitrite as N	0	100.0	35	35.2								
Sulfate	4714	100.0	4700	-29.6								

Analy Meth	ysis: lod:	MBAS (su SM 5540 C	rfactants)		
		Method E	<u>lank</u>		
RunID:	92003	SeqNo	2494802	Units:	mg/L
Analysis	Date: 6/2	28/2024 2:31:0	00 PM	Analys	t: CTR
	Analut	-			
	Analyt	e	Result	Rep Limit	Rep Qual
MBAS (s	surfactants	e s) LAS MW	Result < 0.05	Rep Limit 0.05	Rep Qual
MBAS (s 340	surfactants	e s) LAS MW	Result < 0.05	Rep Limit 0.05	Rep Qual
MBAS (s 340	Surfactants	e S) LAS MW atory Control	Result < 0.05	Rep Limit 0.05	Rep Qual
MBAS (s 340 RunID:	Labor 92003	e s) LAS MW atory Control SeqNo	Result < 0.05	Rep Limit 0.05 .CS) Units:	Rep Qual

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
MBAS (surfactants) LAS	0.7500	0.680	90.7								

MW 340

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample S	Spiked:	24061259-01A			
RunID:	92003	SeqNo	2494808	Units:	mg/L
Analysis	Date: 6	6/28/2024 2:31:00) PM	Analyst:	CTR



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Quality Control Report

WO#: 24061265

7/31/2024

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Addec	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
MBAS (surfactants) LAS MW 340	0	0.5000	0.78	3 15	6 0.500	0.780) 156	6 0	20	80	120	S
Matrix Spike (MS) / Matr	ix Spike I	Duplicat	te (MSD)								
Sample Spiked: 24061259-0	D1A											
RunID: 92003 Seq	No 2494	809	Units	: mg/L								
Analysis Date: 6/28/2024 2:3	1:00 PM		Analy	/st: CTR								
Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Addec	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
MBAS (surfactants) LAS	0	0.5000	0.780) 15	6							
11/11/10/240	l											
Analysis: Cyanide Method: SM 4500	, Free) CN-E							Bato	h ID:	R920	34	
Metho	d Blank											
RunID: 92034 Seq	No 2495	301	Units	: mg/L								
Analysis Date: 7/1/2024 1:27	:00 PM		Analy	/st: DL								
Analyte	Resu	lt Re	p Limit	Rep Qua	ī							
Cyanide, Free	< (0.05	0.05	5	-							
Laboratory Cont RunID: 92034 Seq	rol Samp No 2495	<u>le (LCS</u> 302) Units	· ma/l								
Analysis Date: 7/1/2024 1:27		002	Analy	. mg/⊑ /st: DI								
											Liberta de	2
Analyte	Spike Added	LCSR	F	Recovery	Spike Added	Result I	Recovery		_imit	Low Limit	Limit	Juai
Cyanide, Free	0.4000)	0.422	106							.	
Matrix Spike (MS) / Matr	ix Spike I	Duplicat	te (MSD)								
Sample Spiked: 24061265-0	01C		•	-								
RunID: 92034 Seq	No 2495	309	Units	: mg/L								
Analysis Date: 7/1/2024 1:27	:00 PM		Analy	/st: DL								
Analyte	Sample	MS	MS	MS %	MSD	MSD	MSD %	RPD	RPD	Low	High	Qual

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Cyanide, Free	0	0.2000	0.191	95.5	0.2000	0.195	97.5	2.07	20	70	130	



Sample Spiked: 24061265-01C

RunID: 92034

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

SeqNo 2495310

Units:

mg/L

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Analysis Date: 7/1/2024 1:27	2:00 PM	An	alyst: DL								
Analyte	Sample Result	MS MS Spike Res Added	MS % ult Recover	MSD ry Spik Adde) MSD e Resu ed	MSD % It Recover	RPD y	RPD Limi	Low t Limi	t Limit	Qual
Cyanide, Free	0	0.2000 0.1	95 97	7.5							
Analysis: Alkalini	ty										
Method: SM 232	0 B						Ba	tch ID:	R92	079	
Laboratory Cont	rol Sampl	<u>le (LCS)</u>									
RunID: 92079 Sec	No 2498	184 Un	its: mg/L								
Analysis Date: 6/29/2024 11	:30:28 AM	An	alyst: SR								
Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Alkalinity, Total (As CaCO3)	100.0	100	101	100.0	100	100	0.995	20	90	110	
Laboratory Cont	rol Samp	le (LCS)									
RunID: 92079 Sec	No 2498	207 Un	its: mg/L								
Analysis Date: 6/29/2024 11	:30:28 AM	An	alyst: SR								
Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Alkalinity, Total (As CaCO3)	100.0	100	100	100.0	100	100	0.995	20	90	110	
Laboratory Cont RunID: 92079 Sec Analysis Date: 6/29/2024 11	r ol Samp No 2498 :30:28 AM	<u>le (LCS)</u> 233 Un An	its: mg/L alyst: SR								
Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Alkalinity, Total (As CaCO3)	100.0	110	109	100.0	100	100	0.995	20	90	110	
Analysis:ConductMethod:SM 251	ivity 0 B						Ba	tch ID:	R92	079	
Laboratory Cont	rol Sampl	le (LCS)									
RunID: 92079 Sec	No 2498	129 Un	its: µmho	s/c							
Analysis Date: 6/29/2024 11	:30:28 AM	An	alyst: SR								
Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Specific Conductivity	718.0	740	104	·							



Quality Control Report

Analysis:	pН											
Method:	SM 4500	H+B						Ba	tch ID	R92	079	
Labora	atory Contr	ol Sampl	e (LCS)									
RunID: 92079	Seq	No 2498	055 Un	its: pH Ur	nits							
Analysis Date: 6/2	29/2024 11:	30:28 AM	An	alyst: SR								
Analyte	9	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
рН		7.020	6.93	98.7								
pH Temperature			24.0	0								
Analysis: Method:	Total Dis SM 2540	ssolved S C	Solids					Ba	ntch ID:	: R92	120	
	Method	l Blank										
RunID: 92120	Seq	No 2506	760 Un	its: mg/L								
Analysis Date: 7/3	3/2024		An	alyst: AE								
Analyte	е	Resu	It Rep Lin	nit Rep Qu	al							
Total Dissolved So	olids	<	: 10	10								



Total Dissolved Solids

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Quality Control Report

WO#: 24061265 7/31/2024

	<u>Method Blank</u>												
RunID:	92120	SeqNo	2506761	Units:	mg/L								
Analysis	Date: 7/3/2024	Ļ		Analy	st: AE								
	Analyte		Result	Rep Limit	Rep Qual								

< 10



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Quality Control Report

WO#: 24061265 7/31/2024

High

Limit

High

Limit

High

Limit

High

Limit

Qual

Qual

Qual

Qual

RunID: Analysis	92173 Sec Date: 7/5/2024 12: Analyte	13:32 PM LCS Spike Added	Ana LCS Result	alyst: CTR LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	Hig Lin
RunID: Analysis	92173 Sec Date: 7/5/2024 12:	13:32 PM	Ana	alyst: CTR							
RunID:	92173 Sec	110 2000									
	Laboratory COII	No 2503	801 Uni	ts: mg/L							
	Laboratory Con	trol Sampl	e (LCS)								
Mercury		< 0.00	0.00 0.00	01							
	Analyte	Resu	It Rep Lim	it Rep Qu	al						
Analysis	Date: 7/5/2024 12:	13:32 PM	Ana	alyst: CTR							
RunID:	92173 Sec	No 2503	802 Uni	ts: mg/L							
	Metho	d Blank									-
Analy Meth	vsis: Mercury od: EPA 24	y 5.1						Ba	tch ID:	R92	2173
					•						
Total Dis	solved Solids	500.0	520	104							I
	Analyte	Spike Added	LUS Kesult	Recovery	Spike Added	Result	Recovery	KPU	Limit	Low Limit	Lin
Analysis					1.000	1.000		000	000	1	
RunID:	92120 Sec	No 2506	765 Uni	its: mg/L							
	Laboratory Con	trol Samp	e (LCS)		J						
Total Dis	solved Solids	Added 500.0	510	103	Added						
	Analyte	LCS Spike	LCS Result	LCS % Recovery	LCSD Spike	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	Hig Lin
Analysis	Date: 7/3/2024	-	Ana	alyst: AE							
RunID:	92120 Sec	No 2506	764 Uni	ts: mg/L							
	Laboratory Con	trol Sampl	e (LCS)		-						
Total Dis	solved Solids	500.0	510	102	74464						
	Analyte	Spike	LUS Result	Recovery	Spike	Result	Recovery	RPU	Limit	Limit	Lin
Analysis	Date: 7/3/2024		Ana	alyst: AE						1	
RunID:	92120 Sec	No 2506	763 Uni	ts: mg/L							
	Laboratory Con	trol Sampl	<u>e (LCS)</u>								
Total Dis	solved Solids	<	: 10	10							
	Analyte	Resu	It Rep Lim	it Rep Qu	al						
Analysis	Date: 7/3/2024		Ana	alyst: AE							
Apolycic											
RunID:	92120 Sec	No 2506	762 Uni	ts: mg/L							



Quality Control Report

WO#: 24061265 7/31/2024

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample S	Spiked:	24061 ⁻	130-04B			
RunID:	92173		SeqNo	2503805	Units:	mg/L
Analysis	Date: 7	7/5/2024	12:13:32	PM	Analyst:	CTR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Mercury	0009500	.005000	0.00505	99.1	.005000	0.00489	95.9	3.22	20	70	130	

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample S	Spiked:	24061	130-04B			
RunID:	92173		SeqNo	2503806	Units:	mg/L
Analysis	Date:	7/5/2024	12:13:32	PM	Analyst:	CTR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Mercury	0009500	.005000	0.00489	95.9								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample S	Spiked:	240612	276-09C			
RunID:	92173		SeqNo	2503830	Units:	mg/L
Analysis	Date: 7	7/5/2024	12:13:32	PM	Analyst:	CTR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Mercury	0	.005000	0.00512	102	.005000	0.00513	103	0.195	20	70	130	

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample	Spiked:	240612	276-09C			
RunID:	92173	}	SeqNo	2503831	Units:	mg/L
Analysis	Date:	7/5/2024	12:13:32	PM	Analyst:	CTR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Mercury	0	.005000	0.00513	103								

Anal <u>y</u> Meth	ysis: lod:	Metals 2 EPA 20	200.8 0.8		
		Metho	d Blank		
RunID:	92266	S Sec	No 2505606	Units:	mg/L
Analysis	Date:	7/9/2024 2:49	9:00 PM	Analys	st: AL
	Ana	lyte	Result	Rep Limit	Rep Qual
Antimon	у		< 0.0010	0.0010	
Arsenic			< 0.0010	0.0010	
Barium			< 0.0050	0.0050	



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Beryllium	< 0.0010	0.0010	
Cadmium	< 0.0010	0.0010	
Chromium	< 0.0010	0.0010	
Lead	< 0.0010	0.0010	
Manganese	< 0.0010	0.0010	
Nickel	< 0.0010	0.0010	
Selenium	< 0.0050	0.0050	
Silver	< 0.0010	0.0010	
Thallium	< 0.00050	0.00050	
Zinc	< 0.010	0.010	



Quality Control Report

Method Blank												
RunID: 92266 SeqNo	2505609	Units:	mg/L									
Analysis Date: 7/9/2024 2:58:0	0 PM	Analyst: AL										
Analyte	Result	Rep Limit	Rep Qual									
Antimony	< 0.0010	0.0010										
Arsenic	< 0.0010	0.0010										
Barium	< 0.0050	0.0050										
Beryllium	< 0.0010	0.0010										
Cadmium	< 0.0010	0.0010										
Chromium	< 0.0010	0.0010										
Lead	< 0.0010	0.0010										
Manganese	< 0.0010	0.0010										
Nickel	< 0.0010	0.0010										
Selenium	< 0.0050	0.0050										
Silver	< 0.0010	0.0010										
Thallium	< 0.00050	0.00050										
Zinc	< 0.010	0.010										



Quality Control Report

Method Blank												
RunID: 92266 SeqN	2505612	Units:	mg/L									
Analysis Date: 7/9/2024 3:06:0	0 PM	Analys	st: AL									
Analyte	Result	Rep Limit	Rep Qual									
Antimony	< 0.0010	0.0010										
Arsenic	< 0.0010	0.0010										
Barium	< 0.0050	0.0050										
Beryllium	< 0.0010	0.0010										
Cadmium	< 0.0010	0.0010										
Chromium	< 0.0010	0.0010										
Lead	< 0.0010	0.0010										
Manganese	< 0.0010	0.0010										
Nickel	< 0.0010	0.0010										
Selenium	< 0.0050	0.0050										
Silver	< 0.0010	0.0010										
Thallium	< 0.00050	0.00050										
Zinc	< 0.010	0.010										



Quality Control Report

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<u>Method Blank</u>									
RunID:	92266	6	SeqNo	2505613	Units:	mg/L			
Analysis	Date:	7/9/2024	3:08:00	PM	Analyst:	AL			

Analyte	Result	Rep Limit	Rep Qual
Antimony	< 0.0010	0.0010	
Arsenic	< 0.0010	0.0010	
Barium	< 0.0050	0.0050	
Beryllium	< 0.0010	0.0010	
Cadmium	< 0.0010	0.0010	
Chromium	< 0.0010	0.0010	
Lead	< 0.0010	0.0010	
Manganese	< 0.0010	0.0010	
Nickel	< 0.0010	0.0010	
Selenium	< 0.0050	0.0050	
Silver	< 0.0010	0.0010	
Thallium	< 0.00050	0.00050	
Zinc	< 0.010	0.010	

Laboratory Control Sample (LCS)

RunID:	92266	6	SeqNo	2505608	Units:	mg/L
Analysis	Date:	7/9/2024	2:56:00	PM	Analyst:	AL

Analysis Date: 7/9/2024 2:56:00 PM

Analyte	LCS Spike	LCS Result	LCS % Recovery	LCSD Spike	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
	Added		·····,	Added		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Antimony	0.02500	0.025	98.2								
Arsenic	0.02500	0.027	109								
Barium	0.02500	0.025	99.0								
Beryllium	0.02500	0.025	101								
Cadmium	0.02500	0.025	98.9								
Chromium	0.02500	0.027	107								
Lead	0.02500	0.025	98.4								
Manganese	0.02500	0.027	106								
Nickel	0.02500	0.027	107								
Selenium	0.1250	0.13	101								
Silver	0.02500	0.025	99.0								
Thallium	0.02500	0.024	97.5								
Zinc	0.02500	0.025	102								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060635-01A

RunID:	92266	SeqNo	2505618	Units:	mg/L

Analysis Date: 7/9/2024 3:20:00 PM Analyst: AL

Analyte	Sample Result	MS Spike	MS Result	MS % Recovery	MSD Spike	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
		Added			Added							
Antimony	0	0.05000	0.038	76.7	0.05000	0.038	76.7	0.0600	20	70	130	
Arsenic	0.003280	0.05000	0.045	83.4	0.05000	0.044	82.2	1.25	20	70	130	
Barium	0.06281	0.05000	0.10	76.1	0.05000	0.10	76.6	0.282	20	70	130	
Beryllium	0	0.05000	0.050	100	0.05000	0.050	99.9	0.443	20	70	130	



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Cadmium	0	0.05000	0.037	74.5	0.05000	0.037	74.4	0.102	20	70	130	
Chromium	0	0.05000	0.040	80.3	0.05000	0.040	80.3	0.0498	20	70	130	
Lead	0.001118	0.05000	0.039	74.9	0.05000	0.039	75.6	0.888	20	70	130	
Manganese	0002890	0.05000	0.040	78.5	0.05000	0.040	78.6	0.121	20	70	130	
Nickel	0.02909	0.05000	0.068	77.5	0.05000	0.068	78.1	0.460	20	70	130	
Selenium	0.005855	0.2500	0.20	76.0	0.2500	0.19	75.1	1.04	20	70	130	
Silver	0	0.05000	0.035	69.4	0.05000	0.035	70.6	1.79	20	70	130	
Thallium	0	0.05000	0.037	74.1	0.05000	0.038	75.1	1.28	20	70	130	
Zinc	0.05346	0.05000	0.089	70.4	0.05000	0.093	78.8	4.60	20	70	130	

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

 Sample Spiked:
 24060635-01A

 RunID:
 92266
 SeqNo
 2505619
 Units:

Analysis Date: 7/9/2024 3:22:00 PM Analyst: AL

Analyte	Sample Result	MS Spike	MS Result	MS % Recovery	MSD Spike	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
		Added			Added							
Antimony	0	0.05000	0.038	76.7								
Arsenic	0.003280	0.05000	0.044	82.2								
Barium	0.06281	0.05000	0.10	76.6								
Beryllium	0	0.05000	0.050	99.9								
Cadmium	0	0.05000	0.037	74.4								
Chromium	0	0.05000	0.040	80.3								
Lead	0.001118	0.05000	0.039	75.6								
Manganese	0002890	0.05000	0.040	78.6								
Nickel	0.02909	0.05000	0.068	78.1								
Selenium	0.005855	0.2500	0.19	75.1								
Silver	0	0.05000	0.035	70.6								
Thallium	0	0.05000	0.038	75.1								
Zinc	0.05346	0.05000	0.093	78.8								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

 Sample Spiked:
 24061195-01A

 RunID:
 92266
 SeqNo
 2505630
 Units:
 mg/L

 Analysis Date:
 7/9/2024 3:49:00 PM
 Analyst:
 AL

Analyte	Sample	MS	MS	MS %	MSD	MSD	MSD %	RPD	RPD	Low	High	Qual
	Result	Spike	Result	Recovery	Spike	Result	Recovery		Limit	Limit	Limit	
		Added			Added							
Antimony	0	0.05000	0.045	89.2	0.05000	0.044	87.6	1.76	20	70	130	
Arsenic	0.01305	0.05000	0.061	95.2	0.05000	0.060	93.8	1.13	20	70	130	
Barium	0.01693	0.05000	0.060	87.0	0.05000	0.060	85.9	0.921	20	70	130	
Beryllium	0	0.05000	0.053	106	0.05000	0.053	106	0.610	20	70	130	
Cadmium	0	0.05000	0.044	87.9	0.05000	0.043	86.6	1.49	20	70	130	
Chromium	0	0.05000	0.046	91.5	0.05000	0.045	90.0	1.70	20	70	130	
Lead	0	0.05000	0.044	87.1	0.05000	0.043	86.0	1.30	20	70	130	
Manganese	0.01361	0.05000	0.060	91.9	0.05000	0.058	89.5	2.05	20	70	130	
Nickel	0	0.05000	0.046	91.7	0.05000	0.045	90.8	0.956	20	70	130	
Selenium	0.003479	0.2500	0.22	88.4	0.2500	0.22	86.4	2.25	20	70	130	
Silver	0	0.05000	0.042	83.2	0.05000	0.041	82.0	1.38	20	70	130	



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Thallium	00.05000	0.042	84.80.05000	0.042	84.2	0.613	20	70	130	
Zinc	00.05000	0.045	90.70.05000	0.045	89.4	1.52	20	70	130	

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24061195-01A

RunID:	92266	SeqNo	2505631	Units:	mg/L
Analysis	Date: 7	/9/2024 3:51:00	PM	Analyst:	AL

Analyte	Sample Result	MS Spike	MS Result	MS % Recovery	MSD Spike	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
		Added			Added							
Antimony	0	0.05000	0.044	87.6								
Arsenic	0.01305	0.05000	0.060	93.8								
Barium	0.01693	0.05000	0.060	85.9								
Beryllium	0	0.05000	0.053	106								
Cadmium	0	0.05000	0.043	86.6								
Chromium	0	0.05000	0.045	90.0								
Lead	0	0.05000	0.043	86.0								
Manganese	0.01361	0.05000	0.058	89.5								
Nickel	0	0.05000	0.045	90.8								
Selenium).003479	0.2500	0.22	86.4								
Silver	0	0.05000	0.041	82.0								
Thallium	0	0.05000	0.042	84.2								
Zinc	0	0.05000	0.045	89.4								

Analysis:Anions-SDWA (Cl, F, NO2, NO3, SMethod:EPA 300.0

EPA	500.

Method Blank

RunID:	92271	SeqNo	2506218	Units:	mg/L
Analysis	Date: 7/3/2024	4:10:00	PM	Analyst:	JG

Analyte	Result	Rep Limit	Rep Qual
Nitrate as N	< 0.100	0.100	

Laboratory Control Sample (LCS)

RunID: 92271 SeqNo 2506211 Units: mg/L

Analysis Date: 7/3/2024 11:58:00 AM Analyst: JG

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Nitrate as N	5.000	4.92	98.4								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample \$	Spiked:	240612	265-05A			
RunID:	92271		SeqNo	2506223	Units:	mg/L
Analysis	Date: 7	7/3/2024	6:05:00 I	PM	Analyst:	JG



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24061265 7/31/2024

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Nitrate as N	2.280	50.00	56.2	108	50.00	56.9	109	1.18	20	90	110	

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24061265-02A

RunID:	92271	SeqNo	2506224	Units:	mg/L

Analysis Date: 7/3/2024 6:28:00 PM Analyst: JG

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Nitrate as N	2.280	50.00	56.9	109			-					

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24070233-01A

RunID:	9227 ⁻	1	SeqNo	2506237	Units:	mg/L
Analysis	Date:	7/3/2024	11:26:00	PM	Analyst:	JG

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Nitrate as N	0.2949	5.000	4.53	84.8	5.000	4.68	87.7	3.21	20	90	110	S

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24070233-01A

RunID: 92271 SeqNo 2506238 Units: mg/L

Analysis Date: 7/3/2024 11:49:00 PM Analyst: JG

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Nitrate as N	0.2949	5.000	4.68	87.7								

Anal	ysis:	Meta	als 200.	8		
Meth	od:	EPA	200.8			
		Me	ethod Bl	ank		
RunID:	9265	0	SeqNo	2520395	Units:	mg/L
Analysis	Date:	7/19/202	4 6:00:00) PM	Analys	t: AL
	Ana	alyte		Result	Rep Limit	Rep Qual
Copper				< 0.0010	0.0010	



Quality Control Report

Method Blank									
RunID:	92650	SeqNo	2520412		Units:	mg/L			
Analysis	Date: 7/19/2	2024 6:41:00) PM		Analyst:	AL			

Analyte	Result	Rep Limit	Rep Qual
Copper	< 0.0010	0.0010	



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Quality Control Report

WO#: 24061265 7/31/2024

		Method I	Bla	ank				
RunID:	9265	0 SeqNo	C	2520415		Units:		mg/L
Analysis	Date:	7/19/2024 6:48:	00	PM		Analys	st:	AL
Analyte Result Rep Limit Rep Qual								en Qual

Allalyte	Result	кер спш	reh ar
Copper	< 0.0010	0.0010	

Laboratory Control Sample (LCS)

RunID:	92650	SeqNo	2520394	Units:	mg/L
Analysis	Date: 7/19/2	2024 5:57:00) PM	Analyst:	AL

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Copper	0.02500	0.027	107								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample S	Spiked:	24060635-03A			
RunID:	92650	SeqNo	2520419	Units:	mg/L
Analysis	Date: 7	/19/2024 6:58:00	PM	Analyst:	AL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Copper	0.5765	0.1000	0.67	90.1	0.1000	0.65	76.9	2.00	20	70	130	

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24060635-03A

RunID:	92650	SeqNo	2520420	Units:	mg/L
--------	-------	-------	---------	--------	------

Analysis Date: 7/19/2024 7:00:00 PM Analyst: AL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Copper	0.5765	0.1000	0.65	76.9								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24070431-01A

RunID: 92650 SeqNo 2520443 Units: mg/L

Analysis Date: 7/19/2024 7:56:00 PM Analyst: AL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Copper	0.001138	0.05000	0.049	95.0	0.05000	0.049	96.2	1.18	20	70	130	



Quality Control Report

WO#: 24061265 7/31/2024

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample S	Spiked:	24070431-01A		
RunID:	92650	SeqNo	2520444	Units:

Analysis Date: 7/19/2024 7:59:00 PM Analyst: AL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Copper	0.001138	0.05000	0.049	96.2								

mg/L

Analysis:	Metals 200.7		
Method:	EPA 200.7	Batch ID:	R92852

	Analyte		Result	Rep Limit	Rep Qual
Analysis	Date: 7/26/20	24 7:55:3	3 AM	Analys	st: AL
RunID:	92852	SeqNo	2532552	Units:	mg/L

Method Blank

-			
Aluminum	< 0.050	0.050	
Calcium	< 0.50	0.50	
Hardness as CaCO3	< 0	0	
Iron	< 0.050	0.050	
Magnesium	< 0.50	0.50	
Potassium	< 0.50	0.50	В
Sodium	< 0.50	0.50	



Quality Control Report

WO#: 24061265 7/31/2024

	Method Blank									
RunID:	92852	SeqNo	2532555	Units:	mg/L					
Analysis	Date: 7/26/202	4 8:02:05	5 AM	Analyst:	AL					

Analyte	Result	Rep Limit	Rep Qual
Aluminum	< 0.050	0.050	
Calcium	< 0.50	0.50	
Hardness as CaCO3	< 0	0	
Iron	< 0.050	0.050	
Magnesium	< 0.50	0.50	
Potassium	< 0.50	0.50	В
Sodium	< 0.50	0.50	

Laboratory Control Sample (LCS)

RunID: 92852 SeqNo 2532343 Units: mg/L

Analysis Date: 7/25/2024 10:23:42 AM Analyst: AL

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Aluminum	6.000	6.0	101								
Calcium	30.00	30	98.5								
Iron	6.000	6.0	100								
Magnesium	30.00	30	101								
Potassium	30.00	30	98.5								
Sodium	30.00	30	99.7								

Laboratory Control Sample (LCS)

RunID: 92852 SeqNo 2532623 Units: mg/L

Analysis Date: 7/26/2024 12:20:01 PM Analyst: AL

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Aluminum	6.000	6.0	100			-					
Calcium	30.00	30	99.1								
Iron	6.000	6.0	101								
Magnesium	30.00	30	101								
Potassium	30.00	30	99.4								
Sodium	30.00	30	99.8								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

 Sample Spiked:
 24070043-02B

 RunID:
 92852
 SeqNo
 2532632
 Units:
 mg/L

Analysis Date: 7/26/2024 12:39:27 PM Analyst: AL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Aluminum	0	5.000	5.2	104	5.000	5.2	104	0.0823	20	70	130	
Calcium	52.83	20.00	70	85.1	20.00	70	85.4	0.0697	20	70	130	
Iron	0	5.000	5.2	104	5.000	5.2	104	0.368	20	70	130	



SGS Silver State Analytical Laboratories 1135 Financial Blvd Reno, NV 89502 **Quality Control Report**

WO#:

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24061265 7/31/2024

Magnesium	18.68	20.00	39	100	20.00	39	101	0.125	20	70	130	
Potassium	12.68	20.00	32	97.6	20.00	32	97.9	0.176	20	70	130	
Sodium	165.5	20.00	180	52.8	20.00	180	51.2	0.178	20	70	130	S

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24070043-02B

RunID:	92852	SeqNo	2532633	Units:	mg/L
--------	-------	-------	---------	--------	------

Analysis Date: 7/26/2024 12:41:35 PM Analyst: AL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Aluminum	0	5.000	5.2	104								
Calcium	52.83	20.00	70	85.4								
Iron	0	5.000	5.2	104								
Magnesium	18.68	20.00	39	101								
Potassium	12.68	20.00	32	97.9								
Sodium	165.5	20.00	180	51.2								

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24070043-03B

 RunID:
 92852
 SeqNo
 2532637
 Units:
 mg/L

 Analysis Date:
 7/26/2024 12:50:16 PM
 Analyst:
 AL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Aluminum	0	5.000	5.2	104	5.000	5.1	103	0.971	20	70	130	
Calcium	44.09	20.00	61	86.7	20.00	61	86.7	0.0210	20	70	130	
Iron	0	5.000	5.2	104	5.000	5.2	103	0.646	20	70	130	
Magnesium	16.01	20.00	36	99.9	20.00	36	99.6	0.181	20	70	130	
Potassium	12.44	20.00	32	96.7	20.00	32	96.3	0.238	20	70	130	
Sodium	138.0	20.00	150	55.1	20.00	150	59.1	0.547	20	70	130	S

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 24070043-03B

RunID: 92852 SeqNo 2532638 Units: mg/L

Analysis Date: 7/26/2024 12:52:25 PM Analyst: AL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Aluminum	0	5.000	5.1	103								
Calcium	44.09	20.00	61	86.7								
Iron	0	5.000	5.2	103								
Magnesium	16.01	20.00	36	99.6								
Potassium	12.44	20.00	32	96.3								
Sodium	138.0	20.00	150	59.1								



7/6/2024

Specializing in Soil, Hazardous Waste and Water Analysis

SGS - Silver State Analytical Laboratories-Reno 1135 Financial Blvd Reno, NV 89502 Attn: Jose Nava OrderID: 24060767

Dear: Jose Nava

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, online edition, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 6/28/2024. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

by Fator

Cory Baker QA Manager

Mckenna Oh Project Manager

MckennaO@wetlaboratory.com (775) 200-9876

SPARKS 475 E. Greg Street, Suite 119 Sparks, Nevada 89431 tel (775) 355-0202 fax (775) 355-0817 EPA LAB ID: NV00925 - ELAP No: 2523 ELKO 1084 Lamoille Hwy Elko, Nevada 89801 tel (775) 777-9933 fax (775) 777-9933 EPA LAB ID: NV00926 LAS VEGAS 3230 Polaris Ave. Suite 4 Las Vegas, Nevada 89102 tel (702) 475-8899 fax (702) 622-2868 EPA LAB ID: NV00932 Page 29 of 59

Page 1 of 5

Western Environmental Testing Laboratory Report Comments

SGS - Silver State Analytical Laboratories-Reno - 24060767

Specific Report Comments

None

Report Legend

В	 The analysis of the method blank revealed concentrations of the target analyte above the reporting limit. The client results were greater than ten times the blank amount or non-detect; therefore, the data was not impacted.
D	 Due to the sample matrix dilution was required in order to properly detect and report the analyte. The reporting limit has been adjusted accordingly.
HT	 Sample analyzed beyond the accepted holding time
J	 The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. The reported result should be considered an estimate.
К	 The TPH Diesel Concentration reported here likely includes some heavier TPH Oil hydrocarbons reported in the TPH Diesel range as per EPA 8015.
L	 The TPH Oil Concentration reported here likely includes some lighter TPH Diesel hydrocarbons reported in the TPH Oil range as per EPA 8015.
М	 The matrix spike (MS) value for the analysis of this parameter was outside acceptance criteria due to sample concentration or possible matrix inference. The reported result should be considered an estimate.
Ν	 There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
NC	 Not calculated in the QC Report due to sample concentration and/or possible matrix interference.
QD	 The sample duplicate or matrix spike duplicate analysis demonstrated sample imprecision. The reported result should be considered an estimate.
QL	 The result for the laboratory control sample (LCS) was outside WETLAB acceptance criteria and reanalysis was not possible. The reported data should be considered an estimate.
S	 Surrogate recovery was outside of laboratory acceptance limits due to matrix interference. The associated blank and LCS surrogate recovery was within acceptance limits
U	 The analyte was analyzed for, but was not detected above the level of the reported sample reporting/quantitation limit.
V	 The sample(s) was received with headspace exceeding 6mm. Analysis was conducted, the sample data was flagged, and the client was notified.
V1	 The associated Trip Blank (TB) was received with headspace exceeding 6mm. Analysis was conducted and the sample data was flagged.

ELKO 1084 Lamoille Hwy Elko, Nevada 89801 tel (775) 777-9933 fax (775) 777-9933 EPA LAB ID: NV00926 LAS VEGAS 3230 Polaris Ave. Suite 4 Las Vegas, Nevada 89102 tel (702) 475-8899 fax (702) 622-2868 EPA LAB ID: NV00932 Page 30 of 59

General Lab Comments

Per method recommendation (section 4.4), Samples analyzed by methods EPA 300.0 and EPA 300.1 have been filtered prior to analysis.

The following is an interpretation of the results from EPA method 9223B:

A result of zero (0) indicates absence for both coliform and Escherichia coli meaning the water meets the microbiological requirements of the U.S. EPA Safe Drinking Water Act (SDWA). A result of one (1) for either test indicates presence and the water does not meet the SDWA requirements. Waters with positive tests should be disinfected by a certified water treatment operator and retested.

Per federal regulation the holding time for the following parameters in aqueous/water samples is 15 minutes: Residual Chlorine, pH, Dissolved Oxygen, Sulfite.

Per NDEP-BMRR requirements, the analyses conducted on an extract from a Humidity Cell Testing (HCT), or Meteoric Water Mobility Procedure (MWMP) are analyzed on a coarse filtered aliquot with the exception of Trace Metals, which are filtered through a 0.45 micron filte

DF=Dilution Factor, RL = Reporting Limit (minimum 3X the MDL), ND = Not Detected <RL or <MDL (if listed)

SPARKS 475 E. Greg Street, Suite 119 Sparks, Nevada 89431 tel (775) 355-0202 fax (775) 355-0817 EPA LAB ID: NV00925 - ELAP No: 2523 ELKO 1084 Lamoille Hwy Elko, Nevada 89801 tel (775) 777-9933 fax (775) 777-9933 EPA LAB ID: NV00926 LAS VEGAS 3230 Polaris Ave. Suite 4 Las Vegas, Nevada 89102 tel (702) 475-8899 fax (702) 622-2868 EPA LAB ID: NV00932 Page 31 of 59

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Western Environmental Testing Laboratory Analytical Report

SGS - Silver State Anal	lytical Laboratories-Reno			D	ate Printe	ed: 7/6/2024	
1135 Financial Blvd				C	OrderID:	24060767	
Reno, NV 89502							
Attn: Jose Nava							
Phone: (775) 857-2400) Fax: (775) 267-2054						
PO\Project: 2406126	5 / 17906						
Customer Sample ID:	24061265-04A Well #2			Collect Da	ate/Time:	6/27/2024 07:05	
Customer Sample ID: WETLAB Sample ID:	24061265-04A Well #2 24060767-001			Collect Da Rece	ate/Time: ive Date:	6/27/2024 07:05 6/28/2024 13:10	
Customer Sample ID: WETLAB Sample ID: Analyte	24061265-04A Well #2 24060767-001 Method	Results	Units	Collect Da Rece DF	ate/Time: ive Date: RL	6/27/2024 07:05 6/28/2024 13:10 Analyzed	LabID
Customer Sample ID: WETLAB Sample ID: Analyte <u>General Chemistry</u>	24061265-04A Well #2 24060767-001 Method	Results	Units	Collect Da Rece DF	ate/Time: ive Date: RL	6/27/2024 07:05 6/28/2024 13:10 Analyzed	LabID

DF=Dilution Factor, RL = Reporting Limit (minimum 3X the MDL), ND = Not Detected <RL or <MDL (if listed)

Page 4 of 5

SPARKS 475 E. Greg Street, Suite 119 Sparks, Nevada 89431 tel (775) 355-0202 fax (775) 355-0817 EPA LAB ID: NV00925 - ELAP No: 2523 ELKO 1084 Lamoille Hwy Elko, Nevada 89801 tel (775) 777-9933 fax (775) 777-9933 EPA LAB ID: NV00926 LAS VEGAS 3230 Polaris Ave. Suite 4 Las Vegas, Nevada 89102 tel (702) 475-8899 fax (702) 622-2868 EPA LAB ID: NV00932 Page 32 of 59

Western Environmental Testing Laboratory QC Report

QCBatchID	QCType	Parameter	Method	Result	Actu	ial % Rec	Units	
QC24061178	Blank 1	Turbidity (Nephelometric)	EPA 180.1	ND			NTU	
QCBatchID	QCType	Parameter	Method	Result	Actua	l % Rec	Units	
QC24061178	LCS 1	Turbidity (Nephelometric)	EPA 180.1	9.67	10.0	97	NTU	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC24061178	Duplicate 1	Turbidity (Nephelometric)	EPA 180.1	24060766-001	ND	ND	NTU	<1%
QC24061178	Duplicate 2	Turbidity (Nephelometric)	EPA 180.1	24060758-001	0.450	0.450	NTU	<1%

DF=Dilution Factor, RL = Reporting Limit (minimum 3X the MDL), ND = Not Detected <RL or <MDL (if listed)

Page 5 of 5

SPARKS 475 E. Greg Street, Suite 119 Sparks, Nevada 89431 tel (775) 355-0202 fax (775) 355-0817 EPA LAB ID: NV00925 - ELAP No: 2523 ELKO 1084 Lamoille Hwy Elko, Nevada 89801 tel (775) 777-9933 fax (775) 777-9933 EPA LAB ID: NV00926 LAS VEGAS 3230 Polaris Ave. Suite 4 Las Vegas, Nevada 89102 tel (702) 475-8899 fax (702) 622-2868 EPA LAB ID: NV00932 Page 33 of 59 CHAIN OF CUSTODY RECORD



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24020767

ADDRESS SGS Silver State Analytical Laboratories 1135 Financial Blvd Reno, NV 89502

TEL: (775) 857-2400

FAX:

Website: www.ssalabs.com

SUB CONTRATOR: Wet I	Labs Reno - R COMPANY:	Wet Labs	Place	SPECIAL INSTRUCTIONS / COMMENTS: Please send results to: jose nava@ses.com: carly wood@ses.com:					
ADDRESS: 475 E	Greg St #119		cydne	cydnee.mcguire@sgs.com CA SAMPLE					
CITY, STATE, ZIP: Spark	ks, NV 89431								
PHONE: (775) 355-02	E02 FAX:	EMAIL:				ANALYTICAL PARAMETERS			
ACCOUNT #:	PO#: 24061265	SAMPLER:	Charles Tucker		TURBIDIT				
ITEM # SAMPLE ID	Client Sample ID	Bottle Type	MATRIX	DATE COLLECTED	TY-R (A2130) NUMBER OF CONTAINER				
1 24061265-04A	Well #2	POLY UNP	Drinking Water	06/27/2024 7:05	1 1				

2406 1 0767 1-

Relinquished By arina Radoyou	Date: 6/28/2024	Time: 8:47 AM	Received By: astry	Date 28	Date Time: LO	REPORT TRANSMITTAL DESIRED:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	HARDCOPY (extra cost) FAX EMAIL ONLINE
Relinquished By:	Date:	Time:	Received By:	Date:	Date: Time: FOR LAB USE ON	FOR LAB USE ONLY
TAT: S	tandard []	RUSH	Next BD 2nd BD] 3rd)	BD	Temp of samples <u>Contractions</u> Contraction Cool ? T
			Note: RUSH requests will incur s	urcharges!		Page 3/



BSK Associates Laboratory Fresno 687 N. Laverne Avenue Fresno, CA 93727 559-497-2888 (Main)

Jose Nava Silver State Analytical Laboratories, Inc. - Reno 1135 Financial Blvd Reno, NV 89502

RE: Report for AHG0236 Drinking Water Organics - CA

Dear Jose Nava,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 7/2/2024. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2016 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

This certificate of analysis shall not be reproduced except in full, without written approval of the laboratory.

If additional clarification of any information is required, please contact your Client Services Representative, Heather S. Johnson , at 559-497-2888.

Thank you again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Heather Johnson

Heather S. Johnson, Project Manager



Accredited in Accordance with NELAP ORELAP #4021

AHG0236 FINAL 07172024 1609





AHG0236 Drinking Water Organics - CA

Case Narrative

Project and	Report Details		Invoice Details	\$
Client:	Silver State Analytical Labo	oratories, Inc Reno	Invoice To:	Silver State Analytical Laboratories, Inc
Report To:	Jose Nava		Invoice Attn:	Cydnee McGuire
Project #:	24061265		Project PO#:	24061265
Received:	7/02/2024 - 11:24			
Report Due:	7/17/2024			
Sample Rec	eipt Conditions			
Cooler: Defa Temperature o	ult Cooler n Receipt °C: 3.3	Containers Intact COC/Labels Agree Received On Wet Ice Packing Material - Bubble Wr Sample(s) were received in te Initial receipt at BSK-FAL	ap emperature range.	
Data Qualif	ïers			

The following qualifiers have been applied to one or more analytical results:

None applied

Report Distribution

Recipient(s)	Report Format	CC:
Jose Nava	FINAL.RPT	carly.wood@sgs.com
Accounts Payable	FINAL.RPT	
Cydnee McGuire	FINAL.RPT	

AHG0236 FINAL 07172024 1609





AHG0236

Drinking Water Organics - CA 24061265

Certificate of Analysis

Sample ID: AHG0236-01 Sampled By: Charles Tucker Sample Description: 24061265-03A // Well #2 Sample Date - Time: 06/27/2024 - 07:05 Matrix: Drinking Water Sample Type: Grab

BSK Associates Laboratory Fresno

General Chemistry

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Conductivity @ 25C	SM 2510B	170	1.0	umhos/cm	1	AHG0412	07/09/24	07/09/24	
Perchlorate	EPA 314.0	ND	1.0	ug/L	1	AHG0681	07/13/24	07/13/24	





AHG0236 Drinking Water Organics - CA

24061265

Certificate of Analysis

Sample ID: AHG0236-02 Sampled By: Charles Tucker Sample Description: 24061265-03B // Well #2 Sample Date - Time: 06/27/2024 - 07:05 Matrix: Drinking Water Sample Type: Grab

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
EDB and DBCP by GC-ECD									
Ethylene Dibromide (EDB)	EPA 504.1	ND	0.020	ug/L	1	AHG0379	07/08/24	07/08/24	
Dibromochloropropane (DBCP)	EPA 504.1	ND	0.010	ug/L	1	AHG0379	07/08/24	07/08/24	
Surrogate: 1-Br-2-Nitrobenzene	EPA 504.1	103 %	Acceptable	range: 70	-130 %				





Sample ID: AHG0236-03 Sampled By: Charles Tucker Sample Description: 24061265-03C // Well #2 Sample Date - Time: 06/27/2024 - 07:05 Matrix: Drinking Water Sample Type: Grab

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
1.2.3-Trichloropropane by GC-MS SIM									
1,2,3-Trichloropropane	SRL 524M-TCP	ND	0.0050	ug/L	1	AHG0358	07/05/24	07/06/24	

AHG0236 FINAL 07172024 1609





BSK Associates Laboratory Fresno

General Chemistry Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
		EPA 314.	0 - Qua	lity Cor	ntrol	_	_	_	_	_	_
Batch: AHG0681										Prepare	d: 7/13/2024
Prep Method: Method Specific Prepa	aration									A	nalyst: CYS
Blank (AHG0681-BLK1)											
Perchlorate	ND	0.50	ug/L							07/13/24	
Blank Spike (AHG0681-BS1)											
Perchlorate	14	0.50	ug/L	15	ND	95	85-115			07/13/24	
Matrix Spike (AHG0681-MS1), Source	∍: AHF3476-01										
Perchlorate	4.4	0.50	ug/L	5.0	ND	88	80-120			07/13/24	
Matrix Spike Dup (AHG0681-MSD1), \$	Source: AHF3476-01										
Perchlorate	4.9	0.50	ug/L	5.0	ND	99	80-120	12	15	07/13/24	
		SM 2510	B - Qua	lity Cor	ntrol						
Batch: AHG0412										Prepare	ed: 7/9/2024
Prep Method: Method Specific Prepa	aration									A	nalyst: CTL
Blank (AHG0412-BLK1)											
Conductivity @ 25C	ND	1.0	umhos/cm	۱						07/09/24	
Blank Spike (AHG0412-BS1)											
Conductivity @ 25C	1400	1.0	umhos/cm	1400 ı	ND	100	90-110			07/09/24	
Blank Spike Dup (AHG0412-BSD1)											
Conductivity @ 25C	1400	1.0	umhos/cm	1400 ¹	ND	101	90-110	1	5	07/09/24	
Duplicate (AHG0412-DUP1), Source:	AHG0711-02										
Conductivity @ 25C	820	1.0	umhos/cm	ı	820			1	5	07/09/24	





AHG0236

Drinking Water Organics - CA

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed Qual
		EPA 504.	1 - Qua	ality Con	trol					
Batch: AHG0379										Prepared: 7/8/2024
Prep Method: EPA 504/505										Analyst: KMA
Blank (AHG0379-BLK1)										
Ethylene Dibromide (EDB)	ND	0.020	ug/L							07/08/24
Dibromochloropropane (DBCP)	ND	0.010	ug/L							07/08/24
Surrogate: 1-Br-2-Nitrobenzene	0.47		-	0.46		103	70-130			07/08/24
Blank Spike (AHG0379-BS1)										
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	109	70-130			07/08/24
Dibromochloropropane (DBCP)	0.10	0.010	ug/L	0.10	ND	101	70-130			07/08/24
Surrogate: 1-Br-2-Nitrobenzene	0.46		0	0.46		100	70-130			07/08/24
Blank Spike Dup (AHG0379-BSD1)										
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	114	70-130	4	20	07/08/24
Dibromochloropropane (DBCP)	0.11	0.010	ug/L	0.10	ND	107	70-130	5	20	07/08/24
Surrogate: 1-Br-2-Nitrobenzene	0.48			0.46		105	70-130			07/08/24
Matrix Spike (AHG0379-MS1), Source:	AHG0047-01									
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	114	65-135			07/08/24
Dibromochloropropane (DBCP)	0.16	0.010	ug/L	0.10	0.049	110	65-135			07/08/24
Surrogate: 1-Br-2-Nitrobenzene	0.50			0.46		110	70-130			07/08/24
		SRL 524M-1	CP - C	Quality Co	ontrol					
Batch: AHG0358										Prepared: 7/5/2024
Prep Method: no prep-volatiles										Analyst: CMF
Blank (AHG0358-BLK1)										
1,2,3-Trichloropropane	ND	0.0050	ug/L							07/05/24
Blank Spike (AHG0358-BS1)										
1,2,3-Trichloropropane	0.0047	0.0050	ug/L	0.0050	ND	95	80-120			07/05/24
Blank Spike Dup (AHG0358-BSD1)										
1,2,3-Trichloropropane	0.0046	0.0050	ug/L	0.0050	ND	92	80-120	3	30	07/05/24
Duplicate (AHG0358-DUP1), Source: A	AHG0700-03									
1,2,3-Trichloropropane	ND	0.0050	ug/L		ND				30	07/06/24





Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Field tests are outside the scope of laboratory accreditation and there is no certification available for field testing.
 Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method, all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.
- · (2) Formerly known as Bis(2-Chloroisopropyl) ether.

Unless otherwise noted, TOC results by SM 5310C method do not include purgeable organic carbon, which is removed along with the inorganic carbon interference. The POC contribution to TOC is considered to be negligible.





Definitions

mg/L: mg/Kg: μg/L: μg/Kg: %: NR:	Milligrams/Liter (ppm) Milligrams/Kilogram (ppm) Micrograms/Liter (ppb) Micrograms/Kilogram (ppb) Percent Non-Reportable	MDL: RL: ND: pCi/L: RL Mult: MCL:	Method Detection Limit Reporting Limit: DL x Dilution None Detected below MRL/MDL PicoCuries per Liter RL Multiplier Maximum Contaminant Limit	MDA95: MPN: CFU: Absent: Present: U:	Min. Detected Activity Most Probable Number Colony Forming Unit Less than 1 CFU/100mLs 1 or more CFU/100mLs The analyte was not detected at or above the reported sample quantitation
					limit.

Please see the individual Subcontract Lab's report for applicable certifications.

The following parameters are not available for certification through CA ELAP:

Odor Diisopropyl ether (DIPE) by EPA 524.2

The following parameters are calculated values and are outside the scope of our NELAP accreditation:

Total Nitrogen Aggressive Index

Trivalent Chromium

BSK is not accredited under the NELAP program for the following additional parameters:

NA





Certifications: Please refer to our website for a copy of our Accredited Fields of Testing under each certification.

Fresno			
State of California - ELAP	1180	State of Hawaii	4021
Los Angeles CSD	9254479	NELAP certified	4021-023
State of Nevada	CA000792024-03	State of Oregon - NELAP	4021-023
EPA UCMR5	CA00079	State of Washington	C997-24a
Sacramento			
State of California - ELAP	1180-S1		
San Bernardino			
State of California - ELAP	1180-S2	Los Angeles CSD	9254478
NELAP certified	4119-008	State of Oregon - NELAP	4119-008
Vancouver			
NELAP certified	WA100008-018	State of Oregon - NELAP	WA100008-018
State of Washington	C824-23c		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

AHG0236 FINAL 07172024 1609



BSK Associates BSK-SR-0002-00

Sample Integrity

X



55r	(Bo	tles: res)(NO) P	age	l of	l		۱ <u>۰</u>					
	Was ter Chemis	mperatur e within r try ≤ 6°C Micr	ange? to < 8°C	6	res No N	A V	Vere c eceive	orrect contai d for the test	ners and p s requeste	reservatives d?	Te	3) 54	No
Info	If samp that chi	les were taken too ling has begun?	day, is there eviden	ce 、	res No	B T	Bubble B Rec	s Present VC eived? (Che	As (524.2 ck Method	Below)	? (Yes (Yes)) No No	NA
ပ္က	Did all b	oottles arrive unbr	oken and intact?		(es) N	o V	Vas a	sufficient am	ount of sar	nple receive	d? (Ye	5)	No
S	Did all b	ottle labels agree	with COC?		(Yes) N		o san	nples have a	hold time	<72 hours	? Ye	s	NO
	Was so until chl	dium thiosulfate a orine was no long	idded to CN sample jer present?	e(s)	res (N/		vas Pr M:	dt:	ema	ail scan co	py Yes	No	NA
	250ml(A) 500ml(B) 1Liter(C)	40m/VOA(V) 125ml(l	D)	Checks*	Pas	sed?		12	5	9	-	-
	Bacti N	la ₂ S ₂ O ₃			—	-	-	10*					3 L
	None (P) ^{White Label}					-	1B.					
	Cr6 (P	Lt, Green Label/Blue C	ap NH4OH(NH4)2SO4	DW	Cl, pH > 8	P	F					111	
٩	Cr6 (P	Pink Label/Blue Cap	NH4OH(NH4)2SO4	ww	pH 9.3-9.7	P	F						
n the la	Cr6 (P	Black Label/Blue Cap	NH40H(NH4)2SO4	7199	pH 9.0-9.5	Р	F						
pa	HNO ₃	(P) Red Label or HC	(P) Purple Cap/Lt. Blue	Label	-	÷	_						
Ĩ.	H2SO4	(P) or (AG) Yellow Label		pH < 2	P	F						
)erft	NaOH	(P) Green Cap/Label			Cl. pH >10	Р	F						
Le p	NaOH	+ 7nAc (P)		100	pH>9	P	F	124,200					5
or a	Diagah	Ind Owner 200	ml (a)		pite 9							1	
A/A	Dissor	ved Oxygen 300	imi (g)	1									
	None (AG) 608/8081/8082,	, 625, 632/8321, 8151, 82	270					5.4.85%	0.0		-	
eith	HCI (A	G) ^{Lt. Blue Label} O8	G, Diesel, TCP			-				30-		-	
are	Ascort	oic, EDTA, KH ₂ C	Ct (AG)Pink Label 525	5			=		2 - E.S.A.C				
Sks	Na ₂ SC)₃ 250mL (AG) [№]	eon Green Label 515			9	-					1	_/
che	Na ₂ S ₂	O ₃ 1 Liter (Brown	n P) 549		\rightarrow		-	n n is "Pasi - s			6.53		1
e e	Na ₂ S ₂	O3 (AG) ^{Blue Label}	548, THM, 524			8	_						
- Ior	Na ₂ S ₂	O3 (CG) Blue Label	504, 505, 547	13.10			- 21		31		21	1/	
ion/c	Na ₂ S ₂	D₃ + MCAA (CG) ^{Orange Label} 531		pH < 3	Р	F					1	
rvat	NH ₄ Cl	(AG)Purple Label	552		20 14 29		4 94		100 C 100		1	1	
ese	EDA (P) or (AG) Brown	Label DBPs					ſ				T	A
s pr	HCL (CG) 524.2.BTEX.G	as, MTBE, 8260/624	125.67	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	30.3	_		-		1.25	V	101
ean	Buffer	pH 4 (CG)					_	/					
E.	HaPO	(CG)Salmon Label		a jî tî e	_			-/	8.00		1	12	12
١.	T :		ht Blue Label FB					1			1	10	10
1	Ammo	$= EPA 537.1^{-9}$	DA 522 Purple Label F	В			-			1. S. 1987			
	Bottle	d Water	A 000		_								
	Clear	Glass: Jar / VC	A				<u>.</u>						
	OTHE	R:										-	
	OTHE	R:		191			-						
.±		Container	Preservative	_	Lot #	Ini	tials	Date/Tim	e Pr	eservation	Check		
Spl	SP									LOL#			
_	SP			-	na anahusi-		1	Indiastas		.01 #			_
ments	*Prese ⊀¥Sm	all bubbles pr	vesent.	ertormi	ng analysis	. 50	• ₄ <u>√</u>	524.2		A 537	/533	тср	ŝ
Соп					~	1	~	MS/MSD R	eceived	Method:			
	Labe	led by:	Che	cked I	oy:	XI-							
					1	1							

Page age 1 \$90f 12

Relinquished By arises Radoyca	Date: 1710024	10:34 AM Received By. Date: Time	REPORT TRANSMITTAL DESIRED:
Relinquished By:	Date: Time:	Received By J/ Date: Time	
~			
Relinquished By	Date: Time:	Received By M. Council Date 7/1 /10 Time 11.01	
0		XI MAN MARK STRAND I THE I II. TH	Temp of samples J.J "C Altempt to Cool 7 Yes
TAT: S	landard []	RUSH Next BD 2nd BD 3rd BD 4	Connects
		Note: RUSH requests will incur surcharges!	
WI FedEx B	SW, F		

V 1,2,3- TCP	06/27/2024 7:05 3	Drinking Water		Nell #2	24061265-03C	ω
2	06/27/2024 7:05 3	Drinking Water		Nell #2	24061265-03B	2
	06/27/2024 7:05 1	Drinking Water		Nell #2	24061265-03A	÷
аль: 43-14-16 (2ЛВ) (2ЛВ)-20-1-6 (2ЛВ) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3	CONTAINERS CONTAINERS CONTAINERS	Type MATRIX D	Bottle	Client Sample ID	SAMPLE 10	ITEM #
лв-1,2,5 ТС		apter Charles Tucker	SAN	PO#: 24061265	(T) (H)	ACCOU
ANALYTICAL PARAMETERS		NIE	EM	B FAX	(559) 497-288	PHONE
				CA 93727	ATE, ZIP: Fresno,	CITY, S
cydnee.mcguire@sgs.com CA SAMPLE				Laverne Avenue	^s 687 N. J	ADDRES
SPECIAL INSTRUCTIONS / COMMENTS: Please send results to: jose.nava@sgs.com; carfy.wood@sgs.com;		oratory	BSK Lab	COMPANY	TRATOR BSK-R	SUB CO
Website: www.ssalabs.com						
1 EL: (775) 857-2400 FAX:						
Reno, NV 89502						
1135 Financial Blvd	Ţ	еп2400 07/02/202.	AHG0236 Si			T
Laboratories					ション	
SGS Silver State Analytical		T CONTON I MEC)))	

76

CHAIN OF CUSTODY RECORD

COC ID: 17910

PAGE: 1

07: 1

ADDRESS



Pace Analytical Services, LLC 1638 Roseytown Road - Suites 2,3,4 Greensburg, PA 15601 (724)850-5600

July 22, 2024

Mr. Joe Nava Silver State Analytical Laboratories-Reno (SGS) 1135 Financial Blvd. Reno, NV 89502

RE: Project: 24061265 Pace Project No.: 30697386

Dear Mr. Nava:

Enclosed are the analytical results for sample(s) received by the laboratory on July 03, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

(Olo -

Carla Cmar carla.cmar@pacelabs.com (724)850-5600 Project Manager

Enclosures

 CC: Cydnee McGuire, Silver State Analytical Laboratories-Reno (SGS)
 Ms. Carly Wood, Silver State Analytical Laboratories-Reno (SGS)





Pace Analytical Services, LLC 1638 Roseytown Road - Suites 2,3,4 Greensburg, PA 15601 (724)850-5600

CERTIFICATIONS

 Project:
 24061265

 Pace Project No.:
 30697386

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601 ANAB DOD-ELAP Rad Accreditation #: L2417 ANABISO/IEC 17025:2017 Rad Cert#: L24170 Alabama Certification #: 41590 Arizona Certification #: AZ0734 Arkansas Certification California Certification #: 2950 Colorado Certification #: PA01547 Connecticut Certification #: PH-0694 EPA Region 4 DW Rad Florida/TNI Certification #: E87683 Georgia Certification #: C040 **Guam Certification** Hawaii Certification Idaho Certification **Illinois Certification** Indiana Certification Iowa Certification #: 391 Kansas Certification #: E-10358 Kentucky Certification #: KY90133 KY WW Permit #: KY0098221 KY WW Permit #: KY0000221 Louisiana DHH/TNI Certification #: LA010 Louisiana DEQ/TNI Certification #: 04086 Maine Certification #: 2023021 Maryland Certification #: 308 Massachusetts Certification #: M-PA1457 Michigan/PADEP Certification #: 9991

Missouri Certification #: 235 Montana Certification #: Cert0082 Nebraska Certification #: NE-OS-29-14 Nevada Certification #: PA014572023-03 New Hampshire/TNI Certification #: 297622 New Jersey/TNI Certification #: PA051 New Mexico Certification #: PA01457 New York/TNI Certification #: 10888 North Carolina Certification #: 42706 North Dakota Certification #: R-190 Ohio EPA Rad Approval: #41249 Oregon/TNI Certification #: PA200002-015 Pennsylvania/TNI Certification #: 65-00282 Puerto Rico Certification #: PA01457 Rhode Island Certification #: 65-00282 South Dakota Certification Tennessee Certification #: TN02867 Texas/TNI Certification #: T104704188-22-18 Utah/TNI Certification #: PA014572223-14 USDA Soil Permit #: 525-23-67-77263 Vermont Dept. of Health: ID# VT-0282 Virgin Island/PADEP Certification Virginia/VELAP Certification #: 460198 Washington Certification #: C868 West Virginia DEP Certification #: 143 West Virginia DHHR Certification #: 9964C Wisconsin Approve List for Rad



SAMPLE SUMMARY

30697386001	24061265-02A	Drinking Water	06/27/24 07:05	07/03/24 09:45
Lab ID	Sample ID	Matrix	Date Collected	Date Received
Pace Project No.:	30697386			

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project:	24061265			
Pace Project No .:	30697386			
-				

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30697386001	24061265-02A	EPA 900.0	KET	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg



ANALYTICAL RESULTS - RADIOCHEMISTRY

Project:	24061265						
Pace Project No.:	30697386						
Sample: 24061265 PWS: Comments: • The	5-02A sampler's name	Lab ID: 30697 Site ID: e and signature were no	386001 Collected: 06/27/24 07:05 Sample Type: ot listed on the COC.	Received:	07/03/24 09:45	Matrix: Drinking	Water
Parame	eters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
		Pace Analytical S	Services - Greensburg				
Gross Beta		EPA 900.0	4.18 ± 0.919 (1.27) C:NA T:NA	pCi/L	07/22/24 08:12	2 12587-47-2	



QUALITY CONTROL - RADIOCHEMISTRY

Gross Beta -0.00		-0.001 ± 0.679 (1.71) C:NA T:NA	pCi/L	07/22/24 08:11		
Para	meter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers	
Associated Lab Sa	mples: 30697386	6001				
METHOD BLANK:	3314429	Matrix: Water				
Associated Lab Sar	mples: 30697386	6001				
		Laboratory:	Pace Analytical	Services - Greensbur	g	
QC Batch Method:	EPA 900.0	Analysis Description:	900.0 Gross Alp	oha/Beta		
QC Batch:	680693	Analysis Method:	EPA 900.0			
Pace Project No.: 30697386						
Project:	24061265					

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project:	24061265
Pace Project No.:	30697386

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: For Safe Drinking Water Act (SDWA) analyses, the reported Unc. Is the calculated Count Uncertainty (95% confidence interval) using a coverage factor of 1.96. For all other matrices (non-SDWA), the reported Unc. is the calculated Expanded Uncertainty (aka Combined Standard Uncertainty, CSU), reported at the 95% confidence interval using a coverage factor of 1.96.

Gamma Spec: The Unc. reported for all gamma-spectroscopy analyses (EPA 901.1), is the calculated Expanded Uncertainty (CSU) at the 95.4% confidence interval, using a coverage factor of 2.0.

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

30697386001	24061265-02A	EPA 900.0	680693			
Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch	
Project: Pace Project No.:	30697386					
Project:	24061265					

		CHAIN OF CUSTOD	Y RECORD	COC ID: 17905 PAGE: 1 0F: 1	ADDRESS
262	MO# : 3(0697386			SGS Silver State Analytical Laboratories 1135 Financial Blvd
	30697386				Reno, NV 89502 TEL: (775) 857-2400 FAX:
SUB CONTRATOR: Pace Gree	inburg-R company.	Pace Analytical Services		SPECIAL INSTRUCTIONS / COMMEN	Website: www.ssalabs.com
ADDRESS: 1638 Rose	ytown Road			Please send results to: jose nava@sgs.com; car cvdnee.mcguire@sgs.com CA SAMPI F	ly.wood@sgs.com;
CITY, STATE, ZIP: Greenburg	g, PA 15601				
PHONE: (724) 850-5600	FAX:	EMAIL:		ANALYTICAL PARAMETERS	
ACCOUNT#: Client # / ID: 3	30- PO#: 24061265	SAMPLER Charles TI	ucker	SUB-G A	
ITEM # SAMPLE ID	Client Sample (D	Bottle Type MATRI	DV11E CONTENDO	LPHA 900-R (E900) NUMBER 0 CONTENDE	
1 24061265-02A Well	#2	Drinking V	Water 06/27/2024 7:05		
				Received by Pace Greensburg Thorm ID— Corr Factor +/- Receipt Temp Corrected Temp Correct Preservatio	
Relinquished By anime Radogen Relinquished By:	Date: 6/28/2024 Time 8:46 AM Date: Date:	Received By.	Pate 27324 Tyre Date	REPORT TRANSMITT HARDCOPY (entra cosi) FAX	AL DESIRED:
Relinquished By:	Date: Time:	Received By:	Date: Time:	FOR LAB USE C	ATNO
TAT: S	Siandard 🗌 RUSII	Next BD 2nd BD 1	3rd BD	Temp of samples'C A Comments:	utempt to Cool ?

~ ~

	DC# Title: ENV-FRM	-GBL	JR-00	88 V	07_Sample Con	LIOH · 20697386
	Groopshurd					WU# · 50051500
10	Gleensburg					PM: CMC Due Date: 07/25/24
/Pace	Effective Date: 01/04/2024	\$				CLIENT: SILVER-RENO
Client Name:	SGSS: hop 5	late	Av	Ah	rtical proje	
Chent Name	365 JIVET 0				D Other	Initial/Date
Fed	Fx UPS USPS Client	Cor	nmerci	аIЦ	Pace D Other	Examined By: 57 7/3/24
Courier. Jumbe	74042823	5+2	T			817/2/24
Tracking Numbe		in the	In	Seals	Intact: 🛛 Yes	No Labeled By
Custody Seal on Thermometer U	Cooler/Box Present: Dised: Ty	pe of l	ce: V	Vet B	Blue None	C Final Temp:℃
Cooler Temperat	ture: Observed Temp			com		the lettering let #
Temp should be about	ve freezing to 6∘C		Late		pH paper Lot# ODZ931	D.P.D. Residual Chibine Lot w
Comments:		Yes	NO	INA	1-	
Chain of Custody	Present	1			12	
Chain of Custody	Filled Out:	4	1-		2.	
-Were client	corrections present on COC		\downarrow		3	
Chain of Custody	Relinguished	12			4	
Sampler Name &	Signature on COC:	+>	1		5	
Sample Labels ma	tch COC:	2			0.	
-Includes date	e/time/ID					
Matrix:					6.	
Samples Arrived v	vithin Hold Time:	\vdash			7.	
Short Hold Time	Analysis (<72hr		-			
remaining):					8.	
Rush Turn Around	Time Requested:	-	-		9.	
Sufficient Volume			-		10.	
Correct Container:	s Used:		/			
-Pace Contain	ers Used	1			. 11.	
Containers Intact:	ald filtored:			-	12.	
Orthophosphate fi	end intered:		-	\leq	13.	
Hex Cr Aqueous sa	hecked for dichlorination			\leq	14:	
Organic Samples ci	reived for dissolved tests:				15:	
litered volume re	ked for preservation:	1		-+	16.	
All containers circo	A coliform, TOC, O&G,				pH <z< td=""><td>2 2</td></z<>	2 2
exceptions: ve	on, non-aqueous matrix					Date/Time of
Phenolics, nee	t method preservation	1			completed Z	Preservation
Il containers niee					Lot# of added	
requirements.				-+	Preservative	
260C/D: Headspace	ce in VOA Vials (> 6mm)			4	18	
24.1: Headspace i	n VOA Vials (0mm)			\triangleleft	10.	
adon: Headspace	in RAD Vials (0mm)			1	19. Trip black custo	ndy seal present? YES or NO
in Blank Present:		_		4		Date O V Survey Mater
ad Samples Screet	ned <.05 mrem/hr.	1			completed VD	713107 ISN:0019300
omments:						

Note: For NC compliance samples with discrepancies, a copy of this form must be sent to the DEHNR Certification office. PM Review is documented electronically in LIMS through the SRF Review schedule in the Workorder Edit Screen. Qualtrax ID: 55680

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DC#_Title: ENV-FRM-GBUR-0072 v04_Sample Container Count Offshore Projects Effective Date: 04/18/2024

Page 24061265 SSS Client Site

Profile/EZ Login Number

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		Sample												Contain

40mL clear VOA vial Na Thiosulfate 500mL amber glass unpreserved 500mL clear glass unpreserved 40mL amber VOA vial H2SO4 4oz wide jar unpreserved 8oz wide jar unpreserved 40mL clear VOA vial HCI 40mL clear VOA vial 4oz amber wide jar Glass WGKU WGFU DG9S VG9H VG9U JGFU BG2U AG2U VG9T 100mL amber glass Na Thiosulfate 100mL amber glass unpreserved 1L amber glass NA Thiosulfate 250mL amber glass H2SO4 1L clear glass unpreserved 1 Gallon Jug with HNO3 1L amber glass H2SO4 1L amber glass HCI 1 Gallon Jug AG1S AG1H BGRU AG5U AG5T AGIT AG³ GJN GJN

	F71 FA Encore		C vile So	Nab Wab	07/25/24 3ag						vvr vvipe		
Plastic/Misc.	1 gallon cubitainer	10		00-000-tow	The Due Date:	CI TENT. CTI VED DEVID	2 CLIENT SILVER-KENU	21	250mL plastic unpreserved	250mL plastic NAOH	500mL plastic H2SO4	500mL plastic unpreserved	
	GCUB	12GN	SP5T	D 4N	BD11		BP3S	BP3N	BP3U	BP3B	BP2S	BP2U	

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Pace® Analytical Services, LLC

General

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250mL amber glass unpreserved

Qualtrax ID: 55678

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Plastic, G-Glass, V-Voa Vial, OT-Other	Container*** P	Surface Water, SS-Soil, S-Solid, OT-Other , 7=Other	Matrix* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-S Preservative ** 1=H ₂ SO ₄ , 2=HNO ₃ , 3=HCl, 4=NaOH, 5=Na ₂ S ₂ O ₃ , 6=None
epis are made and storage tees may apply ley are received by the laboratory.	samples are discarded 30 days after results are reported unless other arrangem The analytical results associated with this COC apply only to these samples as it he liability of the laboratory is limited to the amount paid for the report.	. SSAL Standard T & C's or other written egreement applies. If collections or legal costs in addition to service fees.	Authorization is required to process samples. This obligates your organization for service fees, services are required to recover seid fees, your organization will be responsible for all fees and
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On-Sile pH: <u>Chiorine</u> : U.U8	chi 2		2 Day: 5 Day: 1
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H Mail: Email: Hax:	nte VIS		Rush
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Definitions & Qualifiers

WO#:24061265Date:7/31/2024

Definitions:

LCS: Laboratory Control Sample; prepared by adding a known mass of target analytes to a specified amount of de-ionized water and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: LCS Duplicate; used to calculate both Accuracy (%REC) and Precision (%RPD)

MBLK: Method Blank; a sample of similar matrix that is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedure, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses.

MS: Matrix Spike; prepared by adding a known mass of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC)

MSD: Matrix Spike Duplicate; used to calculate both Accuracy (%REC) and Precision (%RPD)

RPD: Relative Percent Difference; comparison between sample and duplicate and/or MS and MSD.

PQL: Practical Quantitation Limit; the limit to which data is quantitated for reporting.

MDL: Method Detection Limit; the limit to which the instrument can reliably detect.

MCL: Maximum Contaminant Level; value set according to EPA guidelines.

Qualifiers:

- * Analyte exceeds Safe Drinking Water Act MCL, does not meet drinking water standards.
- C Analyte value below Safe Drinking Water Act MCL, does not meet drinking water standards.
- B Analyte found above the PQL in associated method blank.
- G Calibration blank analyte detected above PQL.
- H Sample analyzed beyond holding time for this parameter.
- J Estimated Value; Analyte found between MDL and PQL limits.
- L Sample concentration is at least 5 times greater than spike contribution. Spike recovery criteria do not apply.
- R RPD between sample and duplicate sample outside the RPD acceptance limits.
- S Batch MS and/or MSD were outside acceptance limits, batch LCS was acceptable.
- W Sample temperature when recieved was out of limit as specified by method.
- Z Batch LCS and/or LCSD were outside acceptance limits.