Silver State Labs-Reno e 1135 Financial Blvd (775) 857-2400 FAX: (888) 398-7002 www.ssalabs.com

August 25, 2020 Workorder 20080135

Glenn Reynolds Lassen Community College P.O. Box 3000 Susanville, CA 96130

Project: 1800585-002 / Well #2

Dear Glenn Reynolds:

It is the policy of 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. 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.

20080135: PERCHLORATE 314 and G ALPHA 900 has been Sub Contracted.

Sincerely,

Carly Wood Laboratory Director 1135 Financial Blvd Reno, NV 89502



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Analytical Report

Workorder#:

20080135

Date Reported:

Sampled By

8/25/2020

Client: Lassen Community College

Project Name:

1800585-002 / Well #2

PO #:

Laboratory Accreditation Number NV015/CA2990

Laboratory ID **Client Sample ID**

20080135-01 Well #2 **Date/Time Sampled**

08/03/2020 15:40

Date Received

Jeffrey C Lang

8/4/2020

Date/Time Data MCL Analyzed **Parameter** Method Result Units Analyst Flag EPA 200.7 < 0.05 0.2 KL Aluminum mg/L 08/18/2020 13:30 Antimony EPA 200.8 < 0.002 mg/L 0.006 KL 08/05/2020 22:39 Arsenic EPA 200.8 0.004 mg/L 0.01 KL 08/05/2020 22:39 **Barium** EPA 200.8 < 0.01 mg/L 2 KL 08/05/2020 22:39 < 0.002 0.004 KL 08/05/2020 22:39 Beryllium EPA 200.8 mg/L Cadmium EPA 200.8 < 0.002 0.005 KL 08/05/2020 22:39 mg/L KL < 0.002 0.1 08/05/2020 22:39 Chromium EPA 200.8 mg/L **Digestion Turbidity Check** EPA 200.8 < 1.0 NTU KL 08/05/2020 16:56 2 Fluoride EPA 300.0 < 0.1 MA 08/04/2020 19:53 mg/L 0.002 Mercury EPA 245.1 < 0.0001 mg/L KL 08/11/2020 10:57 08/05/2020 22:39 Nickel EPA 200.8 < 0.002 mg/L KL Nitrate as N EPA 300.0 0.25 10 MA 08/04/2020 19:53 mg/L Nitrite as N EPA 300.0 < 0.05 mg/L MA 08/04/2020 19:53 1 Selenium KL EPA 200.8 < 0.01 mg/L 0.05 08/05/2020 22:39 Thallium **EPA 200.8** < 0.001 mg/L 0.002 KL 08/05/2020 22:39

Laboratory Accreditation Number NV015/CA2990

Laboratory ID

Client Sample ID

Well #2

Date/Time Sampled

MCL

Date Received

8/4/2020

20080135-02

08/03/2020 15:40

Units

Units

Date/Time Data Analyzed Flag

Parameter Perchlorate

Method **EPA 314**

Result See Report **Analyst** CW

Analyst

CW

Laboratory Accreditation Number NV015/CA2990

Laboratory ID

Client Sample ID

Date/Time Sampled 08/03/2020 15:40

Date Received

8/4/2020

20080135-03

Well #2

MCL

Date/Time Data

Parameter ALPHA, Gross Method **EPA 900**

Result See Report Analyzed

Flag

Original



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Quality Control Report

R44241

Batch ID:

WO#: 20080135

8/25/2020

Analysis: Anions 300.0

Method: EPA 300.0

Method Blank

RunID: 44241 SeqNo 1051149 Units: mg/L Analysis Date: 6/17/2020 6:46:55 PM Analysis: MA

Analyte	Result	Rep Limit	Rep Qual
Fluoride	< 0.10	0.10	
Nitrate as N	< 0.050	0.050	
Nitrite as N	< 0.050	0.050	

Laboratory Control Sample (LCS)

RunID: 44241 SeqNo 1051152 Units: mg/L Analysis Date: 6/17/2020 8:11:07 PM Analyst: MA

Analyte	LCS Spike Added	LCS Result		 LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Fluoride	10.00	11	107							
Nitrate as N	10.00	10	103							
Nitrite as N	10.00	10	102							

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

Sample Spiked: 20080096-01A

RunID: 44241 SeqNo 1051162 Units: mg/L Analysis Date: 8/4/2020 4:02:31 PM Analyst: MA

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added		MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Fluoride	0.1800	10.00	9.9	97.1	10.00	10	98.3	1.21	20	90	110	
Nitrate as N	0.06000	10.00	11	105	10.00	10	104	0.664	20	90	110	
Nitrite as N	0	10.00	10	102	10.00	10	102	0.784	20	90	110	

Analysis: Metals 200.8

Method: EPA 200.8 **Batch ID: R44332**

Method Blank

RunID: 44332 SeqNo 1052928 Units: mg/L Analysis Date: 8/5/2020 7:10:49 PM Analysi: KL

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	
Nickel	< 0.0010	0.0010	
Selenium	< 0.0050	0.0050	
Thallium	< 0.00050	0.00050	

Original



Silver State Labs-Reno

Quality Control Report

WO#: 20080135

8/25/2020

Original



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Quality Control Report

WO#: **20080135**

8/25/2020

Method Blank

RunID: 44332 SeqNo 1052929 Units: mg/L Analysis Date: 8/5/2020 7:18:33 PM Analyst: KL

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	
Nickel	< 0.0010	0.0010	
Selenium	< 0.0050	0.0050	
Thallium	< 0.00050	0.00050	

Laboratory Control Sample (LCS)

RunID: 44332 SeqNo 1052927 Units: mg/L Analysis Date: 8/5/2020 6:55:22 PM Analyst: KL

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Antimony	0.1000	0.10	101							-	
Arsenic	0.1000	0.10	102								
Barium	0.1000	0.10	99.6								
Beryllium	0.1000	0.10	99.7								
Cadmium	0.1000	0.099	99.3								
Chromium	0.1000	0.10	102								
Nickel	0.1000	0.099	98.6								
Selenium	0.5000	0.49	98.5								
Thallium	0.1000	0.099	99.0								

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

Sample Spiked: 20071441-01B

RunID: 44332 SeqNo 1052935 Units: mg/L Analysis Date: 8/5/2020 8:04:51 PM Analysi: KL

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
Antimony	0.001803	1.000	1.0	103	1.000	1.2	116	11.7	20	70	130	
Arsenic	0.003946	1.000	1.1	105	1.000	1.0	102	3.23	20	70	130	
Barium	0.01850	1.000	1.1	104	1.000	1.1	104	0.422	20	70	130	
Beryllium	0	1.000	1.1	106	1.000	1.0	105	1.13	20	70	130	
Cadmium	0	1.000	1.1	107	1.000	1.1	106	1.06	20	70	130	
Chromium	0005050	1.000	1.1	106	1.000	1.1	105	1.09	20	70	130	
Nickel	0.003582	1.000	1.0	103	1.000	1.0	101	2.09	20	70	130	
Selenium	0.006655	5.000	5.2	104	5.000	5.2	104	0.00823	20	70	130	
Thallium	0007040	1.000	1.1	106	1.000	1.0	103	2.86	20	70	130	



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Quality Control Report

Batch ID:

R44484

WO#: **20080135**

8/25/2020

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

Sample Spiked: 20080151-04A

RunID: 44332 SeqNo 1052958 Units: mg/L Analysis Date: 8/5/2020 11:17:49 PM Analysi: KL

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
Antimony	0	1.000	0.99	99.2	1.000	1.0	104	4.54	20	70	130	
Arsenic	0.002887	1.000	1.0	103	1.000	1.0	102	0.912	20	70	130	
Barium	0.06069	1.000	1.1	103	1.000	1.1	104	0.719	20	70	130	
Beryllium	0	1.000	1.0	102	1.000	1.0	102	0.451	20	70	130	
Cadmium	0	1.000	1.0	103	1.000	1.0	103	0.486	20	70	130	
Chromium	0.002115	1.000	1.0	103	1.000	1.0	104	0.396	20	70	130	
Nickel	0.002694	1.000	1.0	101	1.000	1.0	103	1.60	20	70	130	
Selenium	0	5.000	5.1	103	5.000	5.1	103	0.171	20	70	130	
Thallium	0	1.000	1.0	103	1.000	1.0	102	1.48	20	70	130	

Analysis: Mercury **Method:** EPA 245.1

Method Blank

RunID: 44484 SeqNo 1057401 Units: mg/L Analysis Date: 8/11/2020 10:57:47 AM Analysi: KL

Analyte	Result	Rep Limit	Rep Qual
Mercury	< 0.0001	0.0001	

Laboratory Control Sample (LCS)

RunID: 44484 SeqNo 1057402 Units: mg/L Analysis Date: 8/11/2020 10:57:47 AM Analysi: KL

Analyte	LCS Spike Added	LCS Result			LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Mercury	0.006000	0.00601	100							

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

Sample Spiked: 20071487-10B

RunID: 44484 SeqNo 1057407 Units: mg/L Analysis Date: 8/11/2020 10:57:47 AM Analysi: KL

	Analyte	Sample Result	_	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Ν	Mercury	0	.005000	0.00564	113	.005000	0.00560	112	0.712	20	70	130	



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Quality Control Report

R44679

Batch ID:

WO#: 20080135

8/25/2020

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

Sample Spiked: 20080374-01B

RunID: 44484 SeqNo 1057424 Units: mg/L Analysis Date: 8/11/2020 10:57:47 AM Analyst: KL

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	0.00603	121	.005000	0.00616	123	2.13	20	70	130	

Metals 200.7 **Analysis:** Method: EPA 200.7

Method Blank

RunID: 44679 SeqNo 1062549 Units: mg/L Analysis Date: 8/18/2020 1:24:26 PM Analyst: KL

Analyte	Result	Rep Limit	Rep Qual
Aluminum	< 0.050	0.050	

Laboratory Control Sample (LCS)

RunID: 44679 SeqNo 1062548 Units: mg/L Analysis Date: 8/18/2020 1:22:17 PM Analyst: KL

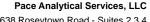
Analyte	LCS Spike Added	LCS Result	LCS % Recovery	 Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Aluminum	6.000	5.9	98.7							

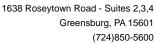
Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 20080135-01B

RunID: 44679 SeqNo 1062553 Units: mg/L Analysis Date: 8/18/2020 1:33:03 PM Analyst: KL

Analyte	Sample Result	_		MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Aluminum	0.02840	5.000	4.8	95.4	5.000	4.9	96.4	1.07	20	70	130	







August 24, 2020

Mr. Joe Nava Sierra Environmental Monitoring, Inc. 1135 Financial Blvd. Reno, NV 89502

RE: Project: 20080135

Pace Project No.: 30376735

Dear Mr. Nava:

Enclosed are the analytical results for sample(s) received by the laboratory on August 10, 2020. 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,

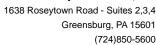
Carin a. Ferris

Carin Ferris carin.ferris@pacelabs.com 724-850-5615 Project Manager

Enclosures

cc: Ms. Carly Wood, Sierra Environmental Monitoring, Inc.







CERTIFICATIONS

Project: 20080135 Pace Project No.: 30376735

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601

ANAB DOD-ELAP Rad Accreditation #: L2417

Alabama Certification #: 41590 Arizona Certification #: AZ0734

Arkansas Certification

California Certification #: 04222CA Colorado Certification #: PA01547 Connecticut Certification #: PH-0694

Delaware Certification EPA Region 4 DW Rad

Florida/TNI Certification #: E87683 Georgia Certification #: C040 Florida: Cert E871149 SEKS WET

Guam Certification Hawaii Certification Idaho Certification Illinois Certification Indiana Certification Iowa Certification #: 391

Kansas/TNI Certification #: E-10358 Kentucky Certification #: KY90133 KY WW Permit #: KY0098221 KY WW Permit #: KY0000221

Louisiana DHH/TNI Certification #: LA180012 Louisiana DEQ/TNI Certification #: 4086

Maine Certification #: 2017020 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 #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706

Ohio EPA Rad Approval: #41249 Oregon/TNI Certification #: PA200002-010 Pennsylvania/TNI Certification #: 65-00282 Puerto Rico Certification #: PA01457 Rhode Island Certification #: 65-00282

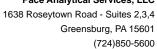
South Dakota Certification
Tennessee Certification #: 02867

North Dakota Certification #: R-190

Texas/TNI Certification #: T104704188-17-3 Utah/TNI Certification #: PA014572017-9 USDA Soil Permit #: P330-17-00091 Vermont Dept. of Health: ID# VT-0282 Virgin Island/PADEP Certification Virginia/VELAP Certification #: 9526 Washington Certification #: C868 West Virginia DEP Certification #: 143 West Virginia DHHR Certification #: 9964C

Wisconsin Approve List for Rad Wyoming Certification #: 8TMS-L

REPORT OF LABORATORY ANALYSIS



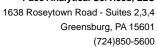


SAMPLE SUMMARY

Project: 20080135
Pace Project No.: 30376735

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30376735001	20080135-03A	Drinking Water	08/03/20 15:40	08/10/20 09:50

REPORT OF LABORATORY ANALYSIS



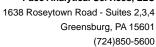


SAMPLE ANALYTE COUNT

Project: 20080135
Pace Project No.: 30376735

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30376735001	20080135-03A	EPA 900.0	ERT	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg





ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 20080135 Pace Project No.: 30376735

PWS: Site ID: Sample Type:

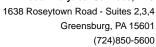
Parameters Method Act ± Unc (MDC) Carr Trac Units Analyzed CAS No. Qual

Pace Analytical Services - Greensburg

Gross Alpha EPA 900.0 **0.249 ± 0.776 (1.95)** pCi/L 08/20/20 07:30 12587-46-1

C:NA T:NA

REPORT OF LABORATORY ANALYSIS





QUALITY CONTROL - RADIOCHEMISTRY

Project:

20080135

Pace Project No.:

30376735

QC Batch: QC Batch Method: 409095

Analysis Method:

EPA 900.0

EPA 900.0

Analysis Description:

900.0 Gross Alpha/Beta

Laboratory:

Pace Analytical Services - Greensburg

Associated Lab Samples:

METHOD BLANK: 1979962

Matrix: Water

Associated Lab Samples:

30376735001

30376735001

Parameter

Act ± Unc (MDC) Carr Trac

Units

Analyzed

Qualifiers

Gross Alpha

1.04 ± 0.742 (1.04) C:NA T:NA

pCi/L

08/20/20 07:29

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.



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

QUALIFIERS

Project: 20080135 Pace Project No.: 30376735

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.

Act - Activity

Date: 08/24/2020 08:08 AM

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.

SilverState
Analytical Laboratories
Siera Environmental Monitoring

CHAIN OF CUSTODY RECORD

Silver State Labs-Reno ë.

PAGE:

COC ID: 7927

1135 Financial Blvd

TEL: (775) 857-2400 Reno, NV 89502

Website: www.ssalabs.com FAX: (888) 398-7002

	ricase send results to: juava@ssaiaos.com, cwood@ssaiaos.com CA sample		ANALYTICAL PARAMETERS		LPHA 900-R (E900) NUMBER OF CONTAINERS ELSO THE COST AND THE COST AN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Pace Analytical Services	and the first of t		EMAIL:	SAMPLER. Jeffrey C Lang	Bottle Type MATRUX DA	O material maistering COMMIN VIOLE
COMPANY:	1638 Roseytown Road	CITY, STATE, ZE: Greenburg, PA 15601	0 FAX:	ACCOUNT # Client # / ID: 30- PO# 20080135	Client Sample ID	
SUB CONTRATOR. Pace Greenburg-R		TATE, ZP: Greenb	PHONE: (724) 850-5600	NT# Client # / II	SAMPLE ID	C# 12/06 ACC 70400C
SUBC	ADDRESS	CITX, S	PHONE	ACCOU	ITEM #	

30376735 WOM: 30376735

	REPORT TRANSMITTAL DESIRED:	Time: HARDCOPY (extra cost) FAX EMAIL ONLINE	Time: FOR LAB USE ONLY	3rd BD Comments:		
	MITTAL DESIRI	ı	USE ONLY	Attempt to Co		
	RT TRANS		FOR LAE	ျ		
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	2/01/2	-ë	:ë:	3rd BD	gesi	
		Date	Date:	2nd BD	Note: RUSH requests will incur surcharges!	
	Rin				H requests w	
-	My Ja Paller	Received By:	Received By:	Next BD	Note: RUS	
the fact that	3:03 7:16			RUSH		
J	Time: 8/4/2020	Time:	Time:			
0	Date:	Date:	Date:	Standard	,	
NO STRANGE COL	4 1 6 1	By:	By:	TAT: Sta		
AGA CONTRACTOR	Relipertished E	Relinquished By:	Relinquished By:			

Pittsburgh Lab Sample Condi	tion	Upoi	n Re	eceipt # 70776	way way gas
Pace Analytical Client Name:	5	Sie	γ Υ	# 30376 Project #	/ 35
Courier: Fed Ex UPS USPS Clien Tracking #: 15763312864 Custody Seal on Cooler/Box Present: Vyes		Comme	NR	Sillow Lims Login MMD sintact: Myes no	
Thermometer Used	Туре	of Ice	: We	et Blue None	
Cooler Temperature Observed Temp Temp should be above freezing to 6°C		°C	Corr	pH paper Lot# Date and Initials of person examining	
Comments:	Yes	No	N/A	1005191 contents: <u>NWW 8/11/2</u> 01	
Chain of Custody Present:				1.	
Chain of Custody Filled Out:				2.	
Chain of Custody Relinquished:		1		3.	
Sampler Name & Signature on COC:			1	4.	
Sample Labels match COC:				5.	
-Includes date/time/ID Matrix:	N				•
Samples Arrived within Hold Time:				6.	
Short Hold Time Analysis (<72hr remaining):				7.	
Rush Turn Around Time Requested:				8.	
Sufficient Volume:				9.	
Correct Containers Used:		1		10.	
-Pace Containers Used:					•
Containers Intact:				11.	· -
Orthophosphate field filtered				12.	
Hex Cr Aqueous sample field filtered				13.	
Organic Samples checked for dechlorination:				14.	
Filtered volume received for Dissolved tests				15.	
All containers have been checked for preservation.				16.	
exceptions: VOA, coliform, TOC, O&G, Phenolics, Non-aqueous matrix	Radon,			PHIL	
All containers meet method preservation requirements.				Initial when MA Date/time of preservation	
			i	Lot # of added preservative	
Headspace in VOA VIals (>6mm):				17.	
Trip Blank Present:				18.	
Trip Blank Custody Seals Present					•
Rad Samples Screened < 0.5 mrem/hr				Initial when MA Date: 8/11/1010	
Client Notification/ Resolution:					
Person-Gontacted:			Date/T	Firme:Gontacted-By:	
Comments/ Resolution:					
☐ A check in this box indicates that addit	ional i	nform	ation	ı has been stored in ereports.	

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

*PM review is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.



Date of Report: 08/24/2020

Joe Nava

Sierra Environmental Monitoring 1135 Financial Reno, NV 89502

Client Project: 20080135

BCL Project: Drinking Water Analysis

2022718 BCL Work Order: B389874 Invoice ID:

Enclosed are the results of analyses for samples received by the laboratory on 8/6/2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Felicia Johnson

Client Service Rep

Stuart Buttram **Technical Director**

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

Report ID: 1001064882

Page 1 of 10



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2022718-01 - Well #2	
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Method Blank Analysis	7
Laboratory Control Sample	8
Precision and Accuracy	9
Notes	
Notes and Definitions	10

Report ID: 1001064882 Page 2 of 10



Chain of Custody and Cooler	Receipt	Form for 2022718	Page 1 of 2
ADDRESS Silver State Labs-Reno 1135 Financial Blvd Reno, NV 89502 TEL: (775) 857-2400 FAX: (888) 398-7002 Website: www.ssalabs.com			DISTRIBUTION NA. DESIRED: SUB OUT X ARRIPLIO Ced 1
COC ID: 7926 PAGER 1 OF 1 Silver State Lab 1135 Financi Reno, NV TEL: (775) 85 FAX: (888) 39 Website: www.ssala Please send results to: jnava@ssalabs.com; ewood@ssalabs.com CA Sample	ANALYTICAL PARAMITERS	RCHLORATE 114-R (SUB) >>	CHK BY DIS CHK BY DIS CHK BY DIS CHK BY CHIN CONT. FOR LAB USE ONLY Test of famples Correct.
8		DATE COLLECTED DATE DATE DATE DATE DATE DATE DATE D	Dis. True: 75 Dis. True: 75 True: 14 Dist. True: 15 Al 80
CHAIN OF CUSTODY RECORD BC Laboratories	SAMPLER Jeffrey C Lang	Borie 1790 MATRUX Drinking Water	Received By. Received By. Nee: RUSH requests with hear sarcharges!
271.8 corpany:	1 FAX: 20080135	Cher Saryle ID	8-5-30, 15CO Dres Tree Roote Date Tree Roote Steadard RUSH
SilverStote Analytical Laboratories Stern Environmental Manhaching Stern Environmental Manhaching Stern Chabs-R ANORESS 4100 Atlas Court GITY. STATE, 219.	PHONE: (661) 327-4911 ACCOUNT#: SRRAE	TTEM # SAMPLE IID CHW	Refressional By, C. Refressional By, TAT:

Page 3 of 10 Report ID: 1001064882



Report ID: 1001064882

Chain of Custody and Cooler Receipt Form for 2022718

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202. NITRATE / NITRITE				-			-					
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1135 Financial Reno, NV 89502 Reported: 08/24/2020 12:43

Project: Drinking Water Analysis

Project Number: 20080135 Project Manager: Joe Nava

Laboratory / Client Sample Cross Reference

Laboratory **Client Sample Information** 2022718-01 08/06/2020 11:25 **COC Number:** Receive Date: **Project Number:** Sampling Date: 08/03/2020 15:40 Sample Depth: **Sampling Location:** Sampling Point: Well #2 Lab Matrix: Water Jeffrey C. Lang **Drinking Water** Sampled By: Sample Type:

Report ID: 1001064882 4100 Atlas Court Bakerstield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 5 of 10



1135 Financial Reno, NV 89502 Reported: 08/24/2020 12:43

Project: Drinking Water Analysis

Project Number: 20080135 Project Manager: Joe Nava

Water Analysis (General Chemistry)

BCL Sample ID:	2022718-01	Client Sampl	e Name:	Well #2, 8	3/3/2020	3:40:00PM, Jeffre	ey C. Lang		
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Perchlorate		ND	ug/L	4.0	0.81	EPA-314.0	ND		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	Prep Method
1	EPA-314.0	08/20/20 09:00	08/20/20 13:13	SAV	IC6	1	B085327	No Prep

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. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or thing party interpretation.

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

Page 6 of 10 Report ID: 1001064882



1135 Financial Reno, NV 89502 Reported: 08/24/2020 12:43

Project: Drinking Water Analysis

Project Number: 20080135 Project Manager: Joe Nava

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B085327						
Perchlorate	B085327-BLK1	ND	ug/L	4.0	0.81	

Report ID: 1001064882 4100 Atlas Court Bakerstield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 7 of 10



1135 Financial Reno, NV 89502 **Reported:** 08/24/2020 12:43

Project: Drinking Water Analysis

Project Number: 20080135 Project Manager: Joe Nava

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Туре	Result	Spike Level	Units	Percent Recovery	RPD	Control Li Percent Recovery	mits RPD	Lab Quals
QC Batch ID: B085327										
Perchlorate	B085327-BS1	LCS	9.9387	10.000	ug/L	99.4		85 - 115		

Report ID: 1001064882 4100 Atlas Court Bakerstield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 8 of 10



1135 Financial Reno, NV 89502 Reported: 08/24/2020 12:43

Project: Drinking Water Analysis

Project Number: 20080135 Project Manager: Joe Nava

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

									Cont	rol Limits	
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: B085327	Use	d client samp	ole: N								
Perchlorate	DUP	2022717-01	ND	ND		ug/L			15		
	MS	2022717-01	ND	11.243	10.101	ug/L		111		80 - 120	
	MSD	2022717-01	ND	11.822	10.101	ug/L	5.0	117	15	80 - 120	

Report ID: 1001064882 4100 Atlas Court Bakerstield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 9 of 10



1135 Financial Reno, NV 89502 Reported: 08/24/2020 12:43

Project: Drinking Water Analysis

Project Number: 20080135 Project Manager: Joe Nava

Notes And Definitions

MDL Method Detection Limit ND Analyte Not Detected Practical Quantitation Limit PQL

Page 10 of 10 Report ID: 1001064882

SilverState Sterra Environmental Monitoring Analytical Laboratories

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Phone (702) 873-4478 Fax: (702) 873-7967 (EPA#. N 1135 FINANCIAL BOULI Phone (775) 857-2400 F

CHAIN-OF-CUSTODY-RECORD

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)502 (EPA#: NV00015, CA2526)	VV 89502 02 (EPA#	LEVAŔD, RENO, NV Fax: (888) 398-7002
		_^\	50/50
212	NV00930, CA2885)	(EPA#: I	Fax: (/UZ) 8/3-/96/

e and storage fees may apply. ed by the laboratory.	other arrangements are made a samples as they are recelv	Samples are discarded 30 days after results are reported unless other arrangements are made and storage fees may apply. The analytical results associated with this COC apply only to these samples as they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report.	er written agreement applies. If collection e fees.	Authorization is required to process samples. This obligates your organization for service fees. SSAL Standard T & C's or other written agreement applies. If collections or legal services are required to recover said fees, your organization will be responsible for all fees and costs in addition to service fees.	Authorization is required legal services are required
					Authorized By:
					Received By:
1345	8-4-30	SSAC	6-rever	Th. Gapan	Relinquished By:
13:45	8-4-20	SSAL	BEN LTEZ	K217 Mexings	Received By:
10:30	8-4-30	SSAL	BW MEL	The Alex	Relinquished By:
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Time	Date	Company	Print Name	Signatura	Relinquished By:
99	COMMENTS:				
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				Sample Identification SSAL - SEM Lab No.	3 0
e: Other:	Temperature:			Ha de approve of teat adilliping	Date Time
Field Measurements : Chlorine:	On-Site pH:			sh Surch	OTE: A Rus
Email:X	Mall:	of Conta		Day: 3 Day:	Rush Same Day:
Send Invoice Via:		iners '	Other Pertinent Information / Special Instructions	Standard TAT 7-10 Business Days. Note that some tests vary.	ard:
Email: EDD:	Mail:			l attest to the validity and authenticity of the sample. I am awar d that tam pering with or intentionally valistabeling the sample location, date or time is considered fraud and may be grounds for legal action. Samples may be subcontracted by necessar	l attest to the validity a location, date or time is
NOTE: Surcharges apply to Level II, III and IV reports	NOTE: SI	SLANGELASSEN COLLEGE, EDUANALYSES REQUESTED	Stangela	Efforty G. Cansa Signature:	Sampled by:
QC Level Report	Voolege. Fou	530-251-8889 BCOLLING@LESENCOLLEGE. BOU	Phone: 530-2	650-204-9596 OR 530-260-2518	ā
Other RCRA	Mining	SUSANUILLE, CA. 96130	City, State, Zip:	SUSANUILLE CA 961	2011
pplicable Prog	A Swins	P.D. Box 3000	Mailing Address:	PD Box 3000	
TORING? Results:27	Yes	ASSEN Community College	ce To:	LASSEN Community collage	ults To Company:
PLIANCE NEW ADERESS?		MAINTENANCE PO# Quote #	Invoice Attention:	Ition: GLEN REYNOLDS Project Number:	Report Attention:
		ax. (000) 390-7002 (EPA#: NV00015, CA2526)	, mone (110) 001-5-100 1	sem-analytical.com envirotechonline.com	ssalabs.com

Lassen Community College sampling and testing.

Well 01 – Upper Well – Standby

RUN 2 MINUTES

1600585-001

NO2, NO3 - 48 hour hold-time

Perchlorate - 28 Day hold-time

fill accordic Acid To Shoulder

1, 2, 3-TCP — 14 Days hold-time (NO Headspace)

1800585-002 - Lower Well that

Al, Sb, As, Ba, Be, Cd, Cr, Hg, Ni, Se, Tl – 6 Month hold-time

Fluoride, NO3, NO2 – 48 hour hold-time

Perchlorate – 28 Day hold-time

Gross alpha – 6 Month hold-time

Distribution System - 2 Samples

TTHM (Trihalomethanes) — 14 Day hold-time (NO Headspace)

HAA-5 (Halo Acetic Acids) – 14 Day hold-time



Silver State Labs-Reno 1135 Financial Blvd (775) 857-2400 FAX: (888) 398-7002

Definitions & Qualifiers

WO#: 20080135 Date: 8/25/2020

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.

POL: 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.

Oualifiers:

- * 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 POL.
- 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.