



SGS Silver State Analytical Laboratories
3626 E. Sunset Road, Suite 100
Las Vegas, NV 89120
(702) 873-4478
www.ssalabs.com

April 30, 2024

Randy Sharpe
H2 Analytics
2505 Anthem Village Dr Ste E385
Henderson, NV 89052

Lab ID:
Las Vegas, NV (NV930, CA3029)

Project: H2A-240321-1

Workorder No.: 24031060

Dear Randy Sharpe:

SGS Silver State Analytical Laboratories received 1 sample(s) on 3/22/2024 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted below. Analytical results reported as non-detect (ND) in the result field are below the Practical Quantification Limit (PQL). Analytical results above the PQL are reported as the measured value in the results field.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink that reads "Michael Mitchell".

Michael Mitchell
Laboratory Director
3626 E. Sunset Road, Suite 100
Las Vegas, NV 89120

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Revision v1



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Analytical Report

WO#: 24031060
 Date Reported: 4/30/2024

CLIENT: H2 Analytics **Collection Date:** 3/21/2024 3:45:00 PM
Project: H2A-240321-1
Lab ID: 24031060-01 **Matrix:** AQUEOUS
Client Sample ID: H2A-1003-7 Echo Go Bottle

Analyses	Result	RL	Qual	Units	MCL	DF	Date Analyzed
DOMESTIC WATER PANEL ANIONS-SDWA (CL, F, NO2, NO3, SO4)					EPA 300.0	Analyst: JG	
Chloride	< 0.100	0.100		mg/L	400	1	3/22/2024 2:14:00 PM
Fluoride	< 0.100	0.100		mg/L	4.00	1	3/25/2024 9:33:00 PM
Nitrate as N	< 0.100	0.100		mg/L	10.0	1	3/22/2024 2:14:00 PM
Nitrite as N	< 0.100	0.100		mg/L	1.00	1	3/22/2024 2:14:00 PM
Sulfate	0.279	0.100		mg/L	500	1	3/22/2024 2:14:00 PM
COLOR - APPARENT - SDWA					SM 2120 B	Analyst: DT	
Color	< 1.00	1.00		Pt-Co	15.0	1	3/22/2024 10:56:00 AM
CYANIDE, FREE-SDWA					SM 4500CN E	Analyst: DT	
Cyanide, Free	< 0.0500	0.0500		mg/L	0.20	1	4/2/2024 11:33:00 AM
DOMESTIC WATER PANEL HARDNESS (TOTAL) - SDWA, CALCULATION ONLY.					SM 2340 B	Analyst: MM	
Hardness (As CaCO3)	ND	1.00		mg/L		1	4/10/2024 8:50:07 AM
Hardness, Calcium (As CaCO3)	ND	1.00		mg/L		1	4/10/2024 8:50:07 AM
Hardness, Magnesium (As CaCO3)	ND	1.00		mg/L		1	4/10/2024 8:50:07 AM
MBAS (SURFACTANTS) - SDWA					SM 5540 C	Analyst: KK	
MBAS (surfactants)	< 0.0690	0.0690	S	mg/L	0.50	1	4/5/2024 10:01:00 AM
ODOR - SDWA					SM 2150 B	Analyst: DT	
Odor	No Odor Detected	1.00		T.O.N.	3.00	1	3/22/2024 11:28:00 AM
DOMESTIC WATER PANEL PH - SDWA					SM 4500H+ B	Analyst: LJ	
pH	4.69		H	pH Units	8.50	1	3/25/2024 2:59:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
 (Qual) H Holding times for preparation or analysis exceeded.
 ND Not Detected at the PQL.

DF Dilution Factor.
 MCL Maximum Contaminant Level.
 PQL Practical Quantitation Limit.

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SILICA, REACTIVE (COLORMETRIC)					SM 4500SIO2 C	Analyst: DT	
Silica, Dissolved (as SiO2)	ND	0.500		mg/L	1		3/25/2024 11:28:00 AM
METALS 200.8					EPA 200.8	Analyst: AL	
Antimony	<0.002	0.0020		mg/L	2		4/29/2024 4:53:00 PM
METALS, 200.7 - CWA					EPA 200.7	Analyst: JG	
Aluminum	< 0.0500	0.0500		mg/L	1		4/5/2024 6:31:04 PM
Boron	< 0.0500	0.0500		mg/L	1		4/5/2024 6:31:04 PM
Titanium	< 0.0200	0.0200		mg/L	1		4/11/2024 2:52:20 PM
METALS - PRECIOUS					EPA 6010B	Analyst: JG	
Platinum	< 0.200	0.200		mg/Kg	1		4/16/2024 2:54:45 PM
DOMESTIC WATER PANEL METALS-SDWA 200.7					EPA 200.7	Analyst: JG	
Calcium	< 1.00	1.00		mg/L	1		3/25/2024 5:25:15 PM
Iron	< 0.100	0.100		mg/L	0.60	1	3/25/2024 5:25:15 PM
Magnesium	< 1.00	1.00		mg/L	150	1	3/25/2024 5:25:15 PM
Sodium	< 1.00	1.00		mg/L	1		3/25/2024 5:25:15 PM
DOMESTIC WATER PANEL METALS-SDWA 200.8					EPA 200.8	Analyst: AR	
Arsenic	< 1.00	1.00		µg/L	10.0	1	4/8/2024 9:06:00 PM
Copper	< 1.00	1.00		µg/L	1000	1	4/5/2024 12:14:57 AM
Lead	< 1.00	1.00		µg/L	15.0	1	4/5/2024 12:14:57 AM
Manganese	< 1.00	1.00		µg/L	100	1	4/5/2024 12:14:57 AM
Zinc	< 10.0	10.0		µg/L	5000	1	4/5/2024 12:14:57 AM

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Analyses	Result	RL	Qual	Units	MCL	DF	Date Analyzed
METALS-SDWA 200.8					EPA 200.8		Analyst: AR
Barium	< 1.00	1.00		µg/L	2000	1	4/5/2024 8:49:15 PM
Beryllium	< 1.00	1.00		µg/L	4.00	1	4/5/2024 8:49:15 PM
Cadmium	< 1.00	1.00		µg/L	5.00	1	4/5/2024 8:49:15 PM
Chromium	< 1.00	1.00		µg/L	100	1	4/5/2024 8:49:15 PM
Nickel	< 1.00	1.00		µg/L		1	4/5/2024 8:49:15 PM
Selenium	< 1.00	1.00		µg/L	50.0	1	4/5/2024 8:49:15 PM
Silver	< 1.00	1.00		µg/L	100	1	4/5/2024 8:49:15 PM

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Definitions & Qualifiers

WO#: 24031060

Date: 4/30/2024

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 received was out of limit as specified by method.

Z - Batch LCS and/or LCSD were outside acceptance limits.