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

December 13, 2018 Workorder 18120404

Jay Flakus CITY OF YERINGTON 102 South Main Street Yerington, NV 89447

Project: 252 2nd Street

Dear Jay Flakus:

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 with an appropriate explanation in the Analysis Report section of the Laboratory Report.

Sincerely,

Carly Wood Laboratory Director 1135 Financial Blvd Reno, NV 89502



Silver State Labs-Reno 1135 Financial Blvd

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**Analytical Report** 

Workorder#:

18120404

Date Reported: 12/13/2018

Client: CITY OF YERINGTON Sampled By R. Huntly

252 2nd Street **Project Name:** 

PO #:

Laboratory Accreditation Number NV015/CA2990

**Date Received** Laboratory ID **Client Sample ID Date/Time Sampled** 12/7/2018

18120404-01 252 2nd. Ave.

12/07/2018 12:02 Date/Time Data

**MCL Parameter** Method Result Units Analyst Analyzed Flag Coliform, Total SM 9223 B Absent P/A 12/07/2018 16:55 0 AM P/A 0 Escherichia Coli SM 9223 B Absent AM 12/07/2018 16:55

Laboratory Accreditation Number NV015/CA2990

**Date Received** Laboratory ID **Client Sample ID Date/Time Sampled** 12/7/2018 18120404-02 185 Sunset Hills Dr. 12/07/2018 11:15

Date/Time Data Analyzed Flag Method Result Units MCL **Parameter** Analyst SM 9223 B P/A 0 AM Coliform, Total Absent 12/07/2018 16:55 Escherichia Coli SM 9223 B Absent P/A 0 AM 12/07/2018 16:55

Laboratory Accreditation Number NV015/CA2990

**Date Received Client Sample ID Date/Time Sampled** Laboratory ID 18120404-03 4 Cherry Hills Dr. 12/07/2018 10:49 12/7/2018

Date/Time Data **MCL** Analyzed Flag **Parameter** Method Result Units **Analyst** SM 9223 B P/A Coliform, Total Absent 0 AM 12/07/2018 16:55 Escherichia Coli SM 9223 B P/A AM 12/07/2018 16:55 Absent 0

Laboratory Accreditation Number NV015/CA2990

**Date Received Client Sample ID** Laboratory ID **Date/Time Sampled** 12/7/2018 18120404-04 South Lyon Medical Center 12/07/2018 10:32

Date/Time Data MCL Analyzed Flag **Parameter** Method Result Units Analyst Coliform, Total P/A 0 SM 9223 B Absent AM 12/07/2018 16:55 Escherichia Coli SM 9223 B Absent P/A 0 AM 12/07/2018 16:55



Sierra Environmental Monitoring A EnviroTech

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3626 E. SUNSET RD., STE 100, LAS VEGAS, NV 89120 Phone (702) 873-4478 Fax: (702) 873-7967 (EPA#: NV00930, CA2885)

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4						Grab Matrix* Preservative**		SSAL - SEM Lab No.	ntification	Sample Identification	Time Sampled	Date Sampled	
Other	Temperature:				Numbe			(	ples	NOTE: A Rush Surcharge is applied for rush samples	E: A Rush Sur	NOT	
Field Measurements Chlorine:	On-Site-pH:			TAL CO	r/Type o		D	900	Rush results will be issued after 4:00 p.m.	4 Day: Rush res		1 Day: 2 Day:	
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	Mining [		7	Yerington, NV 89447	rington	City, State, Zip:	Send			Yerington, NV 89447	City, State, Zip:	eport	
Applicable Program ☐ CWA ☐ RCRA ☐	Ap SDWA□			in Street	102 S Main S	Mailing Address:				102 S Main Street	Mailing Address:		
Results:	Yes		City of Yerington Nevada - Public Works	rington N	ity of Ye	Company: Ci			Public Works	City of Yerington Nevada - Public Works	Company: C		
NEW ADD	COMPLIANCE MONITORING?	Quote #	PO# OPEN	S	Jay Flakus	Invoice Attention: Ja	=	nber:	Project Number: irector	Jay Flakus, Public Works Director	Report Attention: Ja		
3 of 4			(EPA#: NV00015, CA2526)	38) 398-700	Fax: (88	Phone (775) 857-2400 Fax: (888) 398-7002 (			envirotechonline.com	sem-analytical.com		ssalabs.com	_

Authorization is required to process samples. This obligates your organization for service fees. SSAL Standard T & C's or other written agreement applies. If collegal services are required to recover said fees, your organization will be responsible for all fees and costs in addition to service fees. Matrix\* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-Surface Water, SS-Soil, S-Solid, OT-Other

Jay Flakus, Public Works Direc

COYPW SDW SAMPLE COC 2018

Preservative\*\* 1=H<sub>2</sub>SO<sub>4</sub>, 2=HNO<sub>3</sub>, 3=HCl, 4=NaOH, 5=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, 6=None, 7=Other

o these samples as they are received by the laboratory. nless other arrangements are made and storage fees may apply.

8102/00/21

0910

Container\*\*\* P-Plastic, G-Glass, V-Voa Vial, OT-Other



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## **Definitions & Qualifiers**

WO#: 18120404 Date: 12/13/2018

## 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.