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

December 04, 2018 Workorder 18111257

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

Project: Monthly Coliform Sampling

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#:

18111257

Date Reported:

12/4/2018

Client: CITY OF YERINGTON Sampled By John Campi

**Project Name:** Monthly Coliform Sampling

PO #: Open

Laboratory Accreditation Number NV015/CA2990

**Date Received** Laboratory ID **Client Sample ID Date/Time Sampled** 

18111257-01 35 Whiteface Ln. 11/28/2018 11:51 11/28/2018

Date/Time Data Result Units **MCL** Analyzed Flag **Parameter** Method Analyst Coliform, Total SM 9223B Absent P/A 11/28/2018 16:00 0 AM P/A 0 11/28/2018 16:00 Escherichia Coli SM 9223B Absent AM

Laboratory Accreditation Number NV015/CA2990

**Date Received** Laboratory ID **Client Sample ID Date/Time Sampled** 11/28/2018 18111257-02 11/28/2018 11:08 102 S. Main St.

Date/Time Data Analyzed Units **MCL** Flag **Parameter** Method Result **Analyst** Coliform, Total SM 9223B P/A 0 AM Absent 11/28/2018 16:00 Escherichia Coli SM 9223B Absent P/A 0 AM 11/28/2018 16:00

Laboratory Accreditation Number NV015/CA2990

**Date/Time Sampled Date Received** Laboratory ID **Client Sample ID** 11/28/2018 18111257-03 422 Silverstar Ct. 11/28/2018 11:18

Date/Time Data Units **MCL** Analyzed Flag **Parameter** Method Result **Analyst** SM 9223B P/A AM Coliform, Total Absent 0 11/28/2018 16:00 Escherichia Coli SM 9223B Absent P/A 0 AM 11/28/2018 16:00

ssalabs.com

sem-analytical.com

envirotechonline.com

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

CHAIN-OF-CUSTODY-RECORD

X 1135 FINANCIAL BOULEVARD, RENO, NV 89502 1812 175 Phone (775) 857-2400 Fax: (888) 398-7002 (EPA#: NV00015, CA2526)

Page \_\_1 \_\_of \_\_1

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	ative** 1	ices are require		Received By:  Authorized By:	Relinquished By:	ed By:	Relinquished By	ed Bv.	Relinquished Bv:	3 S-	111	JR OLC	2		NOTE: A F	1 Day: 2 Day:	Rush Same Day:	Standard:	to the validit , date or tim	ed by:		City, State, Zip.	Walling Address	company.	Report Attention:
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	Preservative** 1=H <sub>z</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=0	Authorization is required to process samples. Inis obligates your organization for service fees. \$5AL Standar legal services are required to recover said fees, your organization will be responsible for all fees and c		Sec. S.			- Constitution of the Cons	ry.	Signature		422 Silverstar Ct.	102 S. Main St	35 Whiteface Ln.	Sample Identification	NOTE: A Rush Surcharge is applied for rush samples	4 Day: Rush results 5 Day:		Standard TAT 7-10 Business Days. Note that some tests vary.	I attest to the validity and authenticity of the sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time is considered fraud and may be grounds for legal action.	U CAMPI	775-302-1155	Yerington, NV 89447	102 S Main Street	City of Yerington Nevada - Public Works	Jay Flakus, Public Works Director
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , 6=None, 7=(	a responsible for all fees and c		A				U	<b>A</b>						Ĭ,	Rush results will be issued after 4:00 p.m.	pecify):	e that some tests vary.	tampering with or intentionally mislabe action.	Signature: 24	jayf@yerington.net	1		ublic Works	Project Number:
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Silver State Labs-Reno 1135 Financial Blvd (775) 857-2400 FAX: (888) 398-7002

**Definitions & Qualifiers** 

WO#: 18111257 Date: 12/4/2018

## 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.