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

October 25, 2019 Workorder 19101062

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

Project: 284 Sunset Hills

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



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Analytical Report

Workorder#: 19101062 Date Reported: 10/25/2019

Client: CITY OF YERINGTON Sampled By Client

Project Name: 284 Sunset Hills

PO #:

Laboratory Accreditation Number NV015/CA2990

Date Received Laboratory ID **Client Sample ID Date/Time Sampled** 19101062-01 284 Sunset Hills 10/17/2019 13:30 10/18/2019

Date/Time Data Result Units **MCL** Flag **Parameter** Method Analyst Analyzed Coliform, Total SM 9223 B Absent P/A 10/18/2019 17:00 0 AM P/A 0 10/18/2019 17:00 Escherichia Coli SM 9223 B Absent AM

Laboratory Accreditation Number NV015/CA2990

Date Received Laboratory ID **Client Sample ID Date/Time Sampled** 10/18/2019 19101062-02 10/17/2019 13:40 352 2nd Ave.

Date/Time Data Analyzed Units **MCL** Flag **Parameter** Method Result **Analyst** Coliform, Total SM 9223 B P/A 0 AM Absent 10/18/2019 17:00 Escherichia Coli SM 9223 B Absent P/A 0 AM 10/18/2019 17:00

Laboratory Accreditation Number NV015/CA2990

Date Received Laboratory ID **Client Sample ID Date/Time Sampled** 10/18/2019 19101062-03 4 Cherry Hills Dr. 10/17/2019 13:15

Date/Time Data Method Units **MCL Analyzed** Flag **Parameter** Result **Analyst** SM 9223 B P/A AM Coliform, Total Absent 0 10/18/2019 17:00 Escherichia Coli SM 9223 B Absent P/A 0 AM 10/18/2019 17:00



ssalabs.com

sem-analytical.com

envirotechonline.com

Sierra Environmental Monitoring A Convinctech

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

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Phone (775) 857-2400 Fax: (888) 398-7002 (TTA# NV00015, CA2526)

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1/2m 19.				1(P) X	5 1	G DW			SET HEUS	284 SWUSET	35 Whiteface Ln. 2	1:30	こか
					Preservative**	Comp. Grab Matrix* P	M Lab No.	SSAL - SEM Lab No	1	Sample Identification	Sample	Time Sampled	Date Sampled
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ORING?	MONIT	OPEN Quote #		Sus	Jay Flakus	Invoice Attention:		umber:	Project Number:	s Director	Jay Flakus, Public Works Director	Report Attention: Ja	

Authorization is required to process samples. This obligates your organization for service fees. SSAL Standard T & C's or other written agreement applies. If collectic legal services are required to recover said fees, your organization will be responsible for all fees and costs in addition to service fees.

Preservative** 1=H₂SO₄, 2=HNO₃, 3=HCl, 4=NaOH, 5=Na₂S₂O₃, 6=None, 7=Other

Matrix* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-Surface Water, SS-Soil, S-Solid, OT-Other City of Yerington NV - SDW 2019 Compliance Monitoring

ed to the amount paid for the report. th this COC apply only to these samples as they are received by the laboratory ter results are reported unless other arrangements are made and storage fees may apply

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



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Definitions & Qualifiers

WO#: 19101062 Date: 10/25/2019

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.