

October 09, 2019 Workorder **19100244**

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

Project: South Lyon MC

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,

Califia

Carly Wood Laboratory Director 1135 Financial Blvd Reno, NV 89502

Ana	Silver State Silver State 1135 Finance Reno, NV 89 (775) 857-24 www.ssalab	ial Blvd 9502 100 FAX: (888) 39	98-7002		Worl		eport 19100244 10/9/2019
Client: Project Name: PO #:	CITY OF YERINGTON South Lyon MC				Sampled	By Jay Flakus	
Laboratory Accr	editation Number NV015/CA299	90					
Laboratory ID 19100244-01	Client Sample ID South Lyon MC			e/Time Sam 3/2019 8:10	-	Date Received 10/3/2019	1
Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Coliform, Total Escherichia Coli	SM 9223 B SM 9223 B	Absent Absent	P/A P/A	0 0	AM AM	10/03/2019 16:50 10/03/2019 16:50	
Laboratory Accr	reditation Number NV015/CA299	90					
Laboratory ID 19100244-02	Client Sample ID 102 S Main St			e /Time Sam 3/2019 9:18	-	Date Received 10/3/2019	1
Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Coliform, Total Escherichia Coli	SM 9223 B SM 9223 B	Absent Absent	P/A P/A	0 0	AM AM	10/03/2019 16:50 10/03/2019 16:50	
Laboratory Accr	reditation Number NV015/CA299	90					
Laboratory ID 19100244-03	Client Sample ID 35 Whiteface			e /Time Sam 3/2019 10:4	-	Date Received 10/3/2019	1
Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Coliform, Total Escherichia Coli	SM 9223 B SM 9223 B	Absent Absent	P/A P/A	0 0	AM AM	10/03/2019 16:50 10/03/2019 16:50	
Laboratory Accr	reditation Number NV015/CA299	90					
Laboratory ID	Client Sample ID		Date	e/Time Sam	pled	Date Received	1
19100244-04	422 Silver Star		10/0	3/2019 9:53		10/3/2019	
Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Coliform, Total Escherichia Coli	SM 9223 B SM 9223 B	Absent Absent	P/A P/A	0 0	AM AM	10/03/2019 16:50 10/03/2019 16:50	

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ns or City of Yerington NV - SDW Cocapply only to these samples as they are received by the labora of Yerington NV - SDW Cocapply only to these samples as they are received by the labora 2019 Compliance Monitoring the amount add for the report	Authorization is required to process samples. This obligates your organization for service fees. SSAL Stand legal services are required to recover said fees, your organization will be responsible for all fees and	Jay Flakus, Public Works Director ard T&C's or other written agreement applies. If collections or Ci d costs in addition to service fees. 200	9	$\left(\bigcirc \left(\begin{array}{c} 2 \\ \end{array} \right)^{1} \right)^{n}$ $\left(\begin{array}{c} \ge \left \begin{array}{c} 8 \\ \end{array} \right)^{n} \right)^{n}$ is a solution of the set of the se
	Matrix* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-Surf Preservative** 1=H₂SO₄, 2=HNO₃, 3=HCl, 4=NaOH, 5=Na₂S₂O₃, 6=None, 7=	ace Water, SS-Soil, S-Solid, OT-Other		ntainer*** P-Plastic, G-Glass, V-Voa Vial, OT-Other



Definitions & Qualifiers

WO#: **19100244** Date: **10/9/2019**

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.

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 recieved was out of limit as specified by method.