

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

Project: LY-0255-C 2019 Q1 / DS01 Arsenic

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,

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Carly Wood Laboratory Director 1135 Financial Blvd Reno, NV 89502

S i	Silver Sta 1135 Fin	ate Labs-Reno ancial Blvd			An	alytical	Report
	International Action Ac	-2400 FAX: (888) 398-700	2			korder#: Reported:	19031431 4/10/2019
Client:	CITY OF YERINGTON			S	Sampled	By Jay Fla	kus
Project Name:	LY-0255-C 2019 Q1 / DS01 A	rsenic					
PO #:							
Laboratory Acci	editation Number NV015/CA2	2990					
Laboratory ID	Client Sample I	D	Dat	e/Time Sampl	ed	Date Rece	ived
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0.01

KL

KL

04/06/2019 0:21

04/04/2019 11:47

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EPA 200.8

EPA 200.8

Arsenic

Digestion Turbidity Check

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Preservative** 1=H₂SO₄, 2=HNO₃, 3=HCl, 4=NaOH, 5=Na₂S₂O₃, 6=None, 7=Other 1000

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Send Results Via:		ANALYSES REQUESTED	_		y: JAY FALLAS Signature	Sampled by:
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CHAIN-OF-CUSTODY-RECORD



Definitions & Qualifiers

WO#: **19031431** Date: **4/10/2019**

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.