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

www.ssalabs.com

July 02, 2019 Workorder 19061132

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

Project: DS01 Arsenic (35 Whiteface)

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#:

19061132

Date Reported:

Sampled By John Campi

7/2/2019

CITY OF YERINGTON **Client:**

Project Name: DS01 Arsenic (35 Whiteface)

PO #:

Laboratory Accreditation Number NV015/CA2990

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

19061132-01 DS01 Arsenic (35 Whiteface) 06/19/2019 13:42 6/19/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Arsenic	EPA 200.8	0.004	mg/L	0.01	JF	06/20/2019 18:22	
Digestion Turbidity Check	EPA 200.8	<1	NTU		JF	06/20/2019 11:58	



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Quality Control Report

R30506

Batch ID:

WO#: 19061132

7/2/2019

Analysis: Metals 200.8 Method: EPA 200.8

Method Blank

RunID: 30506 SeqNo 700499 Units: mg/L Analysis Date: 6/20/2019 4:02:46 PM Analyst: JF

Analyte	Result	Rep Limit	Rep Qual
Arsenic	< 0.0010	0.0010	

Laboratory Control Sample (LCS)

RunID: 30506 SeqNo 700498 Units: mg/L Analysis Date: 6/20/2019 3:56:07 PM Analyst: JF

	Analyte	LCS Spike Added	LCS Result	LCS % Recovery		 RPD	RPD Limit	Low Limit	High Limit	Qual
ĺ	Arsenic	0.1000	0.099	99.1						

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 19061152-01A

RunID: 30506 SeqNo 700503 Units: mg/L Analysis Date: 6/20/2019 4:29:20 PM Analyst: JF

Analyte	Sample Result	_		MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Arsenic	0.006781	0.1000	0.11	103	0.1000	0.11	103	0.461	20	70	130	

Report Results To:

CHAIN-OT-COS I OUY-KECOKU

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of.

Analytical Laboratories	SilverState (
nvireTech.	Sierra Environmental Monitoring
X 1135 FINANCIAL BOULEVARD, RENO, NV 89502 Phone (775) 857-2400 Fax: (888) 398-7002 (EPA#: NV00015, CA2526)	ironmental Monitoring 9/3626 E. SUNSE I RU., STE 100, LAS VEGAS, NV 89120 Prone (702) 873-4478 Fax: (702) 873-7967 (EPA#: NV00930, CA2885)

Authorized By: Received By: 2451 6/16/19 ssalabs.com Relinquished By: Relinquished By: Received By: Received By: Relinquished By 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. Sampled by: 1 Day: Standard: X NOTE: A Rush Surcharge is applied for rush samples Same Day: Phone: Company: Report Attention: City, State, Zip: Mailing Address: Sampled JOHN CAMPT City of Yerington Nevada - Public Works 775-302-1155 Yerington, NV 89447 Jay Flakus, Public Works Director 102 S Main Street Standard TAT 7-10 Business Days. Note that some tests vary. sem-analytical.com DSOI ABSENTE (35 CHETETRE) 4 Day: 3 Day: Signatur Sample Identification Rush results will be issued after 4:00 p.m. Other (specify): envirotechonline.com jayf@yerington.net Project Number 4manda Jay Flakus, Public Works Director SSAL - SEM Lab No. confu QZ ARSENTC Other Pertinent Information / Special Instructions 17-6552-C Print Name Send Invoice To: Grab Matrix* 3 City, State, Zip Mailing Address: Company: Invoice Attention 3 N Yerington, NV 89447 City of Yerington Nevada - Public Works 775-302-1155 102 S Main Street Jay Flakus Number / Type of Containers *** X ARSENIC -City of Yerington, NV - 334L City of Yerington, NV City of Yerington, NV City of Yerington, NV ANALYSES REQUESTED Company jayf@yerington.net PO# OPEN Quote # unless other arrangements are made and storage fees may apply. 0 0/19/19 19/19 Date Mining On-Site pH: SDWAX Mail: X Temperature: Mail: NOTE: Surcharges apply to Level II, III and IV reports MONITORING? COMPLIANCE Yes o Applicable Program QC Level Report Field Measurements Send Invoice Via: Send Results Via: Other CWA Email: 🛛 Email: 226 344 3:44 Other: Chlorine: **NEW ADDRESS?** Time Results: invoice: Fax: RCRA

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

City of Yerington NV - SDW 2019 Compliance Monitoring

or the report.

to these samples as they are received by the laboratory

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

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Silver State Labs-Reno 1135 Financial Blvd (775) 857-2400 FAX: (888) 398-7002 **Definitions & Qualifiers**

WO#: 19061132 Date: 7/2/2019

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.