



Silver State Labs-Reno  
1135 Financial Blvd  
Reno, NV 89502  
(775) 857-2400 FAX: (888) 398-7002  
www.ssalabs.com

February 28, 2018  
Workorder **18020880**

Bruce Gordon  
CITY OF YERINGTON  
102 South Main Street  
Yerington, NV 89447

Project: Water/ 12 N. Mtn View

Dear Bruce Gordon:

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,

A handwritten signature in black ink, appearing to read "Carly Wood", is written in a cursive style.

Carly Wood  
Laboratory Director  
1135 Financial Blvd  
Reno, NV 89502



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# Analytical Report

Workorder#: 18020880  
 Date Reported: 2/28/2018

**Client:** CITY OF YERINGTON

**Sampled By** B. Gordon

**Project Name:** Water/ 12 N. Mtn View

**PO #:**

**Laboratory Accreditation Number** NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
18020880-01	12 N. Mtn View	02/20/2018 15:50	2/21/2018

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Coliform, Total	SM 9223 B	Absent	P/A	0	AM	02/21/2018 13:33	
Escherichia Coli	SM 9223 B	Absent	P/A	0	AM	02/21/2018 13:33	

**Laboratory Accreditation Number** NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
18020880-02	TP07	02/21/2018 8:30	2/21/2018

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Arsenic	EPA 200.8	0.003	mg/L	0.01	RM	02/22/2018 14:58	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		RM	02/22/2018 9:12	

Original



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# Quality Control Report

WO#: 18020880  
2/28/2018

**Analysis:** Metals 200.8

**Method:** EPA 200.8

**Batch ID:** R15575

**Method Blank**

RunID: 15575      SeqNo 315558      Units: mg/L

Analysis Date: 2/22/2018 1:34:01 PM      Analyst: RM

Analyte	Result	Rep Limit	Rep Qual
Arsenic	< 0.0010	0.0010	

**Laboratory Control Sample (LCS)**

RunID: 15575      SeqNo 315527      Units: mg/L

Analysis Date: 2/22/2018 10:43:31 AM      Analyst: RM

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Arsenic	0.1000	0.095	95.3								



SIERRA ENVIRONMENTAL MONITORING, INC.  
 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502  
 PHONE: (775) 857-2400 FAX: (888) 398-7002 E-Mail jmv

CHAIN OF CUSTODY RECORD

18020880

P.O. or Project #

NEW ADDRESS?  
 Results To:   
 Invoice To:

WATER

bruceg@yerington.net

jayf@yerington.net

775-463-2729  
 Fax: 775-463-0530

Jay Flakus Bruce Gordon

Results To: **CITY OF YERINGTON**  
 Client Name: **CITY OF YERINGTON**  
 Mailing Address: **215 TROWBRIDGE LN**  
 City: **YERINGTON, NV 89447**  
 State: **NV** Zip: **89447**  
 E-mail: **Jay Flakus Bruce Gordon**  
 Phone: **775-463-2729**  
 Fax: **775-463-0530**

Sampled by: **B. Gordon** Signature: **B. Gordon**  
 (at least 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.)

Date Sampled	Time Sampled	Sample Type*	Sample Identification	Preservative* See Key Below
2/20/18	3:50	1	12 N, RTA VIEW	5
2/21/18	8:30	1	TPO7	3

Signature	Print Name	Company	Number of Containers	Analyses Requested
<i>[Signature]</i>	Bruce Gordon	COY	1	COLIFORM ARSENIC
<i>[Signature]</i>	Larry Regan	COY	1	
<i>[Signature]</i>	Kerry Regan	COY	1	

Relinquished By: *[Signature]*  
 Received By: *[Signature]*  
 Relinquished By: *[Signature]*  
 Received By: *[Signature]*  
 Relinquished By: *[Signature]*  
 Received By: *[Signature]*

Turnaround Time/Results/Invoice	Compliance Monitoring
Standard: <input checked="" type="checkbox"/> Rush (Surcharge will Apply) Same Day: <input type="checkbox"/> 3 Day: <input type="checkbox"/> 1 Day: <input type="checkbox"/> 4 Day: <input type="checkbox"/> 2 Day: <input type="checkbox"/> 5 Day: <input type="checkbox"/> Other (specify): <input type="checkbox"/> Rush results will be issued after 2:00pm	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Send Results Via: Mail: <input type="checkbox"/> Email: <input checked="" type="checkbox"/> Fax: <input type="checkbox"/> Phone: <input type="checkbox"/> Excel Spreadsheet: <input type="checkbox"/> Send Invoice Via: Mail: <input checked="" type="checkbox"/> Email: <input type="checkbox"/> Fax: <input type="checkbox"/>	Lab Use Only Sub-Sample pH
Remarks: <b>CL2, 38, 21</b>	<2 >12

Samples are discarded 30 days after results are reported unless other arrangements are made and storage fees may apply. Hazardous samples will be returned to client or disposed of at client's expense. The analytical results associated with the COC apply only to those samples as they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report.

\* KEY: Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other-L, 8=Other-S  
 Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

Custody Seal Intact  
 Yes  No  None:   
 Sample Temperature: **7.0 C**  
 Degrees C

SEM COC Form Revised 9/16/14



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## Definitions & Qualifiers

WO#: 18020880

Date: 2/28/2018

### 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.

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 received was out of limit as specified by method.