



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

November 09, 2018  
Workorder **18110185**

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

Project: 252 2nd Street

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,

A handwritten signature in black ink that reads "Carly Wood".

Carly Wood  
Laboratory Director  
1135 Financial Blvd  
Reno, NV 89502



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 Reno, NV 89502  
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# Analytical Report

Workorder#: 18110185  
 Date Reported: 11/9/2018

**Client:** CITY OF YERINGTON

**Sampled By** R. Huntly

**Project Name:** 252 2nd Street

**PO #:**

**Laboratory Accreditation Number** NV015/CA2990

|                      |                         |                          |                      |
|----------------------|-------------------------|--------------------------|----------------------|
| <b>Laboratory ID</b> | <b>Client Sample ID</b> | <b>Date/Time Sampled</b> | <b>Date Received</b> |
| 18110185-01          | 252 2nd. Ave.           | 11/06/2018 8:30          | 11/6/2018            |

| Parameter        | Method    | Result | Units | MCL | Analyst | Date/Time Analyzed | Data Flag |
|------------------|-----------|--------|-------|-----|---------|--------------------|-----------|
| Coliform, Total  | SM 9223 B | Absent | P/A   | 0   | AM      | 11/06/2018 16:05   |           |
| Escherichia Coli | SM 9223 B | Absent | P/A   | 0   | AM      | 11/06/2018 16:05   |           |

**Laboratory Accreditation Number** NV015/CA2990

|                      |                         |                          |                      |
|----------------------|-------------------------|--------------------------|----------------------|
| <b>Laboratory ID</b> | <b>Client Sample ID</b> | <b>Date/Time Sampled</b> | <b>Date Received</b> |
| 18110185-02          | 185 Sunset Hills Dr.    | 11/06/2018 9:00          | 11/6/2018            |

| Parameter        | Method    | Result | Units | MCL | Analyst | Date/Time Analyzed | Data Flag |
|------------------|-----------|--------|-------|-----|---------|--------------------|-----------|
| Coliform, Total  | SM 9223 B | Absent | P/A   | 0   | AM      | 11/06/2018 16:15   |           |
| Escherichia Coli | SM 9223 B | Absent | P/A   | 0   | AM      | 11/06/2018 16:15   |           |

**Laboratory Accreditation Number** NV015/CA2990

|                      |                         |                          |                      |
|----------------------|-------------------------|--------------------------|----------------------|
| <b>Laboratory ID</b> | <b>Client Sample ID</b> | <b>Date/Time Sampled</b> | <b>Date Received</b> |
| 18110185-03          | 4 Cherry Hills Dr.      | 11/06/2018 9:30          | 11/6/2018            |

| Parameter        | Method    | Result | Units | MCL | Analyst | Date/Time Analyzed | Data Flag |
|------------------|-----------|--------|-------|-----|---------|--------------------|-----------|
| Coliform, Total  | SM 9223 B | Absent | P/A   | 0   | AM      | 11/06/2018 16:15   |           |
| Escherichia Coli | SM 9223 B | Absent | P/A   | 0   | AM      | 11/06/2018 16:15   |           |

**Laboratory Accreditation Number** NV015/CA2990

|                      |                           |                          |                      |
|----------------------|---------------------------|--------------------------|----------------------|
| <b>Laboratory ID</b> | <b>Client Sample ID</b>   | <b>Date/Time Sampled</b> | <b>Date Received</b> |
| 18110185-04          | South Lyon Medical Center | 11/06/2018 9:54          | 11/6/2018            |

| Parameter        | Method    | Result | Units | MCL | Analyst | Date/Time Analyzed | Data Flag |
|------------------|-----------|--------|-------|-----|---------|--------------------|-----------|
| Coliform, Total  | SM 9223 B | Absent | P/A   | 0   | AM      | 11/06/2018 16:15   |           |
| Escherichia Coli | SM 9223 B | Absent | P/A   | 0   | AM      | 11/06/2018 16:15   |           |

Original



**SilverState**  
Analytical Laboratories

Sierra Environmental Monitoring  
EnviroTech

sem-analytical.com    envirotechonline.com

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CHAIN-OF-CUSTODY-RECORD

Page 1 of 1

**Report Results To:**

Report Attention: Jay Flakus, Public Works Director  
Project Number:  
Company: City of Yerington Nevada - Public Works  
Mailing Address: 102 S Main Street  
City, State, Zip: Yerington, NV 89447  
Phone: 775-302-1155  
Email / Fax: jayf@yerington.net

**Send Invoice To:**

Invoice Attention: Jay Flakus  
PO# OPEN  
Quote #  
Company: City of Yerington Nevada - Public Works  
Mailing Address: 102 S Main Street  
City, State, Zip: Yerington, NV 89447  
Phone: 775-302-1155  
Email / Fax: jayf@yerington.net

Sampled by: Ryan Hunter

Signature: Ryan Hunter

I 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.

Standard:  Standard TAT 7-10 Business Days. Note that some tests vary.

Rush Same Day:  3 Day:  Other (Specify):  
1 Day:  4 Day:  Rush results will be issued after 4:00 p.m.  
2 Day:  5 Day:

NOTE: A Rush Surcharge is applied for rush samples

Other Pertinent Information / Special Instructions  
MONTHLY COLIFORM SAMPLING

11-2 A

ANALYSES REQUESTED

Number / Type of Containers \*\*\*  
TOTAL COLIFORM

| Date Sampled | Time Sampled | Sample Identification     | SSAL - SEM Lab No. | Comp. Grab | Matrix | Preservative** | Number / Type of Containers *** | TOTAL COLIFORM | Field Measurements |
|--------------|--------------|---------------------------|--------------------|------------|--------|----------------|---------------------------------|----------------|--------------------|
| 11-6-18      | 8:30         | 252 2nd Ave.              |                    | G          | DW     | 5              | 1(P)                            | X              | 21                 |
| 11-6-18      | 9:00         | 185 Sunset Hills Dr.      |                    | G          | DW     | 5              | 1(P)                            | X              | 02                 |
| 11-6-18      | 9:30         | 4 Cherry Hills Dr.        |                    | G          | DW     | 5              | 1(P)                            | X              | 22                 |
| 11-6-18      | 9:34         | South Lyon Medical Center |                    | G          | DW     | 5              | 1(P)                            | X              | 25                 |

Relinquished By: \_\_\_\_\_ Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Authorized By: \_\_\_\_\_ Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Authorized By: \_\_\_\_\_ Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Matrix\* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-Surface Water, SS-Soil, S-Solid, OT-Other  
Preservative\*\* 1=H<sub>2</sub>SO<sub>4</sub>, 2=HNO<sub>3</sub>, 3=HCl, 4=NaOH, 5=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, 6=None, 7=Other

COXPW SDW SAMPLE COC 2018  
18022

11/6/18  
BOTS



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## Definitions & Qualifiers

WO#: 18110185

Date: 11/9/2018

### 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.