



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

October 02, 2019
Workorder **19090951**

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

Project: A: 122 S. Main St.

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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Analytical Report

Workorder#: 19090951
 Date Reported: 10/2/2019

Client: CITY OF YERINGTON

Sampled By: Client

Project Name: A: 122 S. Main St.

PO #:

Laboratory Accreditation Number: NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-01	A - 122 S. Main St.	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.11	mg/L	1	KL	09/20/2019 5:04	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	<0.002	mg/L	0.015	KL	09/20/2019 5:04	

Laboratory Accreditation Number: NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-02	B - 308 Sandy Ave	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.14	mg/L	1	KL	09/20/2019 5:24	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	0.002	mg/L	0.015	KL	09/20/2019 5:24	

Laboratory Accreditation Number: NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-03	C - 310 Helen Ave	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.036	mg/L	1	KL	09/20/2019 5:31	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	<0.002	mg/L	0.015	KL	09/20/2019 5:31	

Laboratory Accreditation Number: NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-04	D - 12 Maple Dr	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.012	mg/L	1	KL	09/20/2019 5:38	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	<0.002	mg/L	0.015	KL	09/20/2019 5:38	

Original



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Analytical Report

Workorder#: 19090951
 Date Reported: 10/2/2019

Client: CITY OF YERINGTON

Sampled By Client

Project Name: A: 122 S. Main St.

PO #:

Laboratory Accreditation Number NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-05	E - 507 S. Whitacre St.	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.27	mg/L	1	KL	09/20/2019 5:58	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	<0.002	mg/L	0.015	KL	09/20/2019 5:58	

Laboratory Accreditation Number NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-06	F - 14 S Whitacre St	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.045	mg/L	1	KL	09/20/2019 6:04	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	<0.002	mg/L	0.015	KL	09/20/2019 6:04	

Laboratory Accreditation Number NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-07	G - 310 N. Mountain View	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.18	mg/L	1	KL	09/20/2019 6:11	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	<0.002	mg/L	0.015	KL	09/20/2019 6:11	

Laboratory Accreditation Number NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-08	H - 285 Sunset Hills Dr	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.064	mg/L	1	KL	09/20/2019 6:18	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	<0.002	mg/L	0.015	KL	09/20/2019 6:18	

Original



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Analytical Report

Workorder#: 19090951
 Date Reported: 10/2/2019

Client: CITY OF YERINGTON

Sampled By: Client

Project Name: A: 122 S. Main St.

PO #:

Laboratory Accreditation Number: NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-09	I - 352 2nd South St	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.013	mg/L	1	KL	09/20/2019 6:24	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	<0.002	mg/L	0.015	KL	09/20/2019 6:24	

Laboratory Accreditation Number: NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-10	J - 4 Cherry Hills Dr	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.080	mg/L	1	KL	09/20/2019 6:31	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	<0.002	mg/L	0.015	KL	09/20/2019 6:31	

Laboratory Accreditation Number: NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-11	K - 35 White Face Ln	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.15	mg/L	1	KL	09/20/2019 6:37	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	<0.002	mg/L	0.015	KL	09/20/2019 6:37	

Laboratory Accreditation Number: NV015/CA2990

Laboratory ID	Client Sample ID	Date/Time Sampled	Date Received
19090951-12	N - 310 Hwy 208	09/18/2019 8:00	9/18/2019

Parameter	Method	Result	Units	MCL	Analyst	Date/Time Analyzed	Data Flag
Copper	EPA 200.8	0.072	mg/L	1	KL	09/20/2019 6:44	
Digestion Turbidity Check	EPA 200.8	< 1.0	NTU		KL	09/19/2019 15:00	
Lead	EPA 200.8	<0.002	mg/L	0.015	KL	09/20/2019 6:44	

Original

Analysis: Metals 200.8

Method: EPA 200.8

Batch ID: R33543

Method Blank

RunID: 33543 SeqNo 784658 Units: mg/L

Analysis Date: 9/20/2019 4:45:00 AM Analyst: JF

Analyte	Result	Rep Limit	Rep Qual
Copper	< 0.0020	0.0020	
Lead	< 0.0020	0.0020	

Laboratory Control Sample (LCS)

RunID: 33543 SeqNo 784654 Units: mg/L

Analysis Date: 9/20/2019 4:31:43 AM Analyst: JF

Analyte	LCS Spike Added	LCS Result	LCS % Recovery	LCSD Spike Added	LCSD Result	LCSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Copper	0.1000	0.10	103								
Lead	0.1000	0.10	101								

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

Sample Spiked: 19090951-01A

RunID: 33543 SeqNo 784665 Units: mg/L

Analysis Date: 9/20/2019 5:11:36 AM Analyst: JF

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit	Qual
Copper	0.1095	1.000	1.2	112	1.000	1.2	111	0.881	20	70	130	
Lead	0.002364	1.000	1.1	107	1.000	1.1	107	0.491	20	70	130	



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Sierra Environmental Monitoring
EnviroTech

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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

COMPLIANCE MONITORING? Yes No

NEW ADDRESS? Results: Invoice:

Applicable Program: SDWA CWA RCRA Mining Other: _____

QC Level Report: I II III IV

NOTE: Surcharges apply to Level II, III and IV reports

Sampled by: CUSTOMERS Signature: N/A

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: 2019 EPA LEAD/COPPER CUSTOMER DRAWN CITY OF YERINGTON

Number / Type of Containers *** LEAD COPPER

Date Sampled	Time Sampled	Sample Identification	SSAL - SEM Lab No.	Comp. Grab	Matrix	Preservative**	Number / Type of Containers ***	Company	Date	Time
9/18/19	AM	A: 172 S MAIN ST		G	DW	G	1P ✓	City of Yerington, NV	9/18/19	1115
	EST	B: 308 SAUDY AVE		G	DW	G	1P ✓	City of Yerington, NV		
		C: 310 HELEN AVE		G	DW	G	1P ✓	City of Yerington, NV		
		D: 12 MAPLE DR		G	DW	G	1P ✓	City of Yerington, NV		
		E: 507 S WHITAKE ST		G	DW	G	1P ✓	City of Yerington, NV		
		F: 14 S WHITAKE ST		G	DW	G	1P ✓	City of Yerington, NV		
		G: 310 N. MOUNTAIN VIEW		G	DW	G	1P ✓	City of Yerington, NV		
		H: 285 SAUSET HILLS DR		G	DW	G	1P ✓	City of Yerington, NV		

Relinquished By: _____ Signature: _____ Print Name: Jay Flakus Date: 9/18/19 Time: 1115

Received By: _____ Signature: _____ Print Name: _____ Date: _____ Time: _____

Relinquished By: _____ Signature: _____ Print Name: _____ Date: _____ Time: _____

Received By: _____ Signature: _____ Print Name: _____ Date: _____ Time: _____

Relinquished By: _____ Signature: _____ Print Name: _____ Date: _____ Time: _____

Received By: _____ Signature: _____ Print Name: _____ Date: _____ Time: _____

Authorized By: _____ Signature: _____ Print Name: Jay Flakus, Public Works Director Date: 9/18/19 Time: 1115

Matrix* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-Surface Water, SS-Soil, S-Solid, OT-Other
Preservative** 1=H₂SO₄, 2=HNO₃, 3=HCl, 4=NaOH, 5=Na₂S₂O₃, 6=None, 7=Other

City of Yerington NV - SDW 2019 Compliance Monitoring 19026

*reported unless other arrangements are made and storage fees may apply. **apply only to these samples as they are received by the laboratory. *** Container** P-Plastic, G-Glass, V-Voa Vial, OT-Other



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CHAIN-OF-CUSTODY-RECORD
Page 1 of 1

Report Results To:
Report Attention: Jay Flakus, Public Works Director
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
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

COMPLIANCE MONITORING? Yes No
NEW ADDRESS?
Applicable Program: SDWA CWA RCRA Mining Other
QC Level Report: I II III IV
Send Results Via: Mail: Email: Fax:
Send Invoice Via: Mail: Email: Fax:
Field Measurements: On-Site pH: Chlorine: Temperature: Other:

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
SEE PAGE 1

ANALYSES REQUESTED

Date Sampled	Time Sampled	Sample Identification	SSAL - SEM Lab No.	Comp. Grab	Matrix	Preservative**	Number / Type of Containers ***	LEAD	COPPER
9/26/12	AM	FEAR		G	DW	NR6	1P	✓	✓
		I: 352 2nd SOUTH ST.		G	DW	G	1P	✓	✓
		J: 4 CHEPPY HILLS DR.		G	DW	G	1P	✓	✓
		K: 35 WHITE FACE CV.		G	DW	G	1P	✓	✓
		L: NO SAMPLE							
		M: NO SAMPLE							
		N: 310 HWY 208		G	DW	G	1P	✓	✓

Relinquished By: _____ Signature _____ Print Name _____ Company _____ Date _____ Time _____

Received By: _____ Signature _____ Print Name _____ Company _____ Date _____ Time _____

Relinquished By: _____ Signature _____ Print Name _____ Company _____ Date _____ Time _____

Received 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 _____

SEE PAGE 1

City of Yerington, NV

City of Yerington, NV

City of Yerington, NV

City of Yerington, NV

City of Yerington, NV

City of Yerington, NV

Jay Flakus, Public Works Director

City of Yerington, NV

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

Samples are discarded 30 days after results are reported unless other arrangements are made and storage fees may apply. The analytical results associated with this COC apply only to these samples as they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report.

Matrix* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-Surface Water, SS-Soil, S-Solid, OT-Other
Preservative** 1=H₂SO₄, 2=HNO₃, 3=HCl, 4=NaOH, 5=Na₂S₂O₃, 6=None, 7=Other
Container*** P-Plastic, G-Glass, V-Voa Vial, OT-Other

Address	NDEP	Site Tier	Name	Bottle ID
310 N MOUNTAIN VIEW ST	G	1	JASON BORSINI	610EB0E
310 HELEN AVE	C	1	LACEY PARROTT	9C06A41
308 SANDY AVE	B	1	MONTE STANTON	D060AD2
507 S WHITACRE ST	E	1	KIRK STANTON	110C6C8
14 S WHITACRE ST	F	1	JOANNE STANTON	83D1E1C
310 S HWY 208	N	1	JANET SANDERSON	9F751DE
35 WHITEFACE LN	K		SHELBY	45A0C5E
285 SUNSET HILLS DR	H		DONALD NELSON	F598019
122 S MAIN ST	A	1	STEVE DOUGLAS	ADA4428
12 MAPLE DR	D	1	SCOTT DRAPER	6B08882
352 2nd AVE	I	1	SHEEMA SHAW	E7DF67E
4 CHERRY HILLS DR	J	1	WADE BARCELLOS	FF712D8

Report Totals

Count: 12

Date Exported: 9/18/2019 10:35 AM



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Definitions & Qualifiers

WO#: 19090951

Date: 10/2/2019

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.

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.