

6/29/2020

City of Yerington
215 Trowbridge Rd
Yerington, NV 89447
Attn: Jay Flakus

OrderID: 20060564

Dear: Jay Flakus

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, online edition, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 6/17/2020. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Cory Baker
QA Specialist

SPARKS

475 E. Greg Street, Suite 119
Sparks, Nevada 89431
tel (775) 355-0202
fax (775) 355-0817
EPA LAB ID: NV00925 - ELAP No: 2523

ELKO

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LAS VEGAS

3230 Polaris Ave. Suite 4
Las Vegas, Nevada 89102
tel (702) 475-8899
fax (702) 622-2868
EPA LAB ID: NV00932

Western Environmental Testing Laboratory

Report Comments

City of Yerington - 20060564

Specific Report Comments

None

Report Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- D -- Due to the sample matrix dilution was required in order to properly detect and report the analyte. The reporting limit has been adjusted accordingly.
- HT -- Sample analyzed beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. The reported result should be considered an estimate.
- K -- The TPH Diesel Concentration reported here likely includes some heavier TPH Oil hydrocarbons reported in the TPH Diesel range as per EPA 8015.
- L -- The TPH Oil Concentration reported here likely includes some lighter TPH Diesel hydrocarbons reported in the TPH Oil range as per EPA 8015.
- M -- The matrix spike/matrix spike duplicate (MS/MSD) values for the analysis of this parameter were outside acceptance criteria due to probable matrix interference. The reported result should be considered an estimate.
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- QD -- The sample duplicate or matrix spike duplicate analysis demonstrated sample imprecision. The reported result should be considered an estimate.
- QL -- The result for the laboratory control sample (LCS) was outside WETLAB acceptance criteria and reanalysis was not possible. The reported data should be considered an estimate.
- S -- Surrogate recovery was outside of laboratory acceptance limits due to matrix interference. The associated blank and LCS surrogate recovery was within acceptance limits
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered
- U -- The analyte was analyzed for, but was not detected above the level of the reported sample reporting/quantitation limit. The reported result should be considered an estimate.

General Lab Comments

Per method recommendation (section 4.4), Samples analyzed by methods EPA 300.0 and EPA 300.1 have been filtered prior to analysis.

The following is an interpretation of the results from EPA method 9223B:

A result of zero (0) indicates absence for both coliform and Escherichia coli meaning the water meets the microbiological requirements of the U.S. EPA Safe Drinking Water Act (SDWA). A result of one (1) for either test indicates presence and the water does not meet the SDWA requirements. Waters with positive tests should be disinfected by a certified water treatment operator and retested.

Per federal regulation the holding time for the following parameters in aqueous/water samples is 15 minutes: Residual Chlorine, pH, Dissolved Oxygen, Sulfite.

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Western Environmental Testing Laboratory Analytical Report

City of Yerington
215 Trowbridge Rd
Yerington, NV 89447

Date Printed: 6/29/2020
OrderID: 20060564

Attn: Jay Flakus

Phone: (775) 302-1155 Fax: NoFax

PO\Project: LY-0255-C/City of Yerington/OPEN

Customer Sample ID: TPO7: Arsenic Treatment Plant

Collect Date/Time: 6/17/2020 10:05

WETLAB Sample ID: 20060564-001

Receive Date: 6/17/2020 12:29

| Analyte | Method | Results | Units | DF | RL | Analyzed | LabID |
|--|-----------|---------|-------|----|------|-----------|---------|
| <u>Anions by Ion Chromatography</u> | | | | | | | |
| Nitrate Nitrogen | EPA 300.0 | ND | mg/L | 1 | 0.15 | 6/17/2020 | NV00925 |

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Western Environmental Testing Laboratory QC Report

| QCBatchID | QCType | Parameter | Method | Result | Actual | % Rec | Units |
|------------|---------|------------------|-----------|--------|--------|-------|-------|
| QC20060796 | Blank 1 | Nitrate Nitrogen | EPA 300.0 | ND | | | mg/L |

| QCBatchID | QCType | Parameter | Method | Result | Actual | % Rec | Units |
|------------|--------|------------------|-----------|--------|--------|-------|-------|
| QC20060796 | LCS 1 | Nitrate Nitrogen | EPA 300.0 | 2.05 | 2.00 | 103 | mg/L |

| QCBatchID | QCType | Parameter | Method | Spike Sample | Sample Result | MS Result | MSD Result | Spike Value | Units | MS %Rec | MSD %Rec | RPD % |
|------------|--------|------------------|-----------|--------------|---------------|-----------|------------|-------------|-------|---------|----------|-------|
| QC20060796 | MS 1 | Nitrate Nitrogen | EPA 300.0 | 20060564-001 | ND | 2.23 | 2.29 | 2 | mg/L | 111 | 114 | 3 |
| QC20060796 | MS 2 | Nitrate Nitrogen | EPA 300.0 | 20060604-001 | ND | 2.16 | 2.25 | 2 | mg/L | 106 | 111 | 4 |

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SDWA GENERAL

20020



WETLAB WESTERN ENVIRONMENTAL TESTING LABORATORY

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20020

and Water Analysis oratory.com

WETLAB Order ID: 20020564

Sparks Control # _____ Elko Control # _____ LV Control # _____ Report Due Date _____

Page 1 of 1

Client: City of Yerington Nevada Public Works
Address: 215 Trowbridge Road
City, State & Zip: Yerington, NV 89447
Contact: Jay Flakus
Phone: 775-302-1155
Fax: 775-463-2284
P.O. Number: OPEN
Email: jayf@yerington.net
Collector's Name: Dennis Becker
PWS/Project Name: City of Yerington NV
PWS/Project Number: LY-0255-C

Turnaround Time Requirements
Standard [X]
5 Day* (25%) [] 72 Hour* (50%) []
48 Hour* (100%) [] 24 Hour* (200%) []
*Surcharges Will Apply
Samples Collected From Which State?
NV [X] CA [] Other []
Compliance Monitoring? Yes [X] No []
Report to Regulatory Agency? Yes [X] No [] Standard QC Required? Yes [X] No []

Billing Address (if different than Client Address)
Company _____
Address _____
City, State & Zip _____
Contact _____
Phone _____ Fax _____
Email jayf@yerington.net

Analyses Requested table with columns for sample types and analysis results.

Main sample data table with columns: SAMPLE ID/LOCATION, DATE, TIME, PRES TYPE, NO. OF CONTAINERS, ANALYSES REQUESTED, Spl. No.

Instructions/Comments/Special Requirements: PLEASE COPY REPORT TO E-DATA_BSDW@NDEP.NV.GOV

Sample Matrix Key** DW = Drinking Water WW = Wastewater SW = Surface Water MW = Monitoring Well SD = Solid/Sludge SO = Soil HW = Hazardous Waste OTHER: _____

*SAMPLE PRESERVATIVES: 1=Unpreserved 2=H2SO4 3=NaOH 4=HCl 5=HNO3 6=Na2S2O3 7=ZnOAc+NaOH 8=HCl/VOA Vial

Table with columns: Temp, Custody Seal, # of Containers, DATE, TIME, Samples Relinquished By, Samples Received By

WETLAB'S Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

Client/Collector attests to the validity and authenticity of this (these) sample(s) and, is (are) aware that tampering with or intentionally mislabeling the sample(s) location, date or time of collection may be considered fraud and subject to legal action (NAC445.0636).