

### Specializing in Soil, Hazardous Waste and Water Analysis

8/22/2020

City of Yerington OrderID: 20080090

215 Trowbridge Rd Yerington, NV 89447 Attn: Jay Flakus

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 8/4/2020. 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,

Jennifer Delaney QA Manager

EPA LAB ID: NV00926

LAS VEGAS

## Western Environmental Testing Laboratory Report Comments

City of Yerington - 20080090

#### **Specific Report Comments**

None

#### Report Legend

В		Blan	k contamination:	, Anal	yte c	letected	ab	ove tl	he metl	hod	l reportin	g li	imit	in a	ın associ	ated l	olank	(
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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

The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. The
reported result should be considered an estimate.

The TPH Diesel Concentration reported here likely includes some heavier TPH Oil hydrocarbons reported in the TPH
Diesel range as per EPA 8015.

The TPH Oil Concentration reported here likely includes some lighter TPH Diesel hydrocarbons reported in the TPH Oil range as per EPA 8015.

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

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.

# Western Environmental Testing Laboratory Analytical Report

City of YeringtonDate Printed:8/22/2020215 Trowbridge RdOrderID:20080090

Yerington, NV 89447
Attn: Jay Flakus

**Phone:** (775) 302-1155 **Fax:** NoFax

PO\Project: City of Yerington NV/LY-0255-C/NV0000255

Customer Sample ID: TP07 - Arsenic Treatment Plant Collect Date/Time: 8/4/2020 07:34

ETLAB Sample ID: 20080090-001 Receive Date: 8/4/2020 11:39

WETLAB Sample ID: 20080090-001				<b>Receive Date:</b> 8/4/2020 11:39							
Analyte	Method	Results	Units	DF	RL	Analyzed	LabID				
Trace Metals by ICP-MS											
Arsenic	EPA 200.8	ND	mg/L	1	0.0020	8/20/2020	NV00925				
Sample Preparation											
Drinking Water Prep	N/A	DW200819-		1		8/19/2020	NV00925				

# Western Environmental Testing Laboratory QC Report

QCBatchID	QCType	Parameter	Method	Result	Actual	% Rec	Units
QC20080883	Blank 1	Arsenic	EPA 200.8	ND			mg/L
QCBatchID	QCType	Parameter	Method	Result	Actual	% Rec	Units

QCBatchID QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS %Rec	MSD %Rec	RPD %
QC20080883 MS 1	Arsenic	EPA 200.8	20080026-001	ND	0.0507	0.0486	0.05	mg/L	101	97	4

## SDWA GENERAL

20028 WETLAB Order ID: 20080090 WESTERN ENVIRONMENTAL TESTING LABORATORY Sparks Control # \_\_ nd Water Analysis. Elko Control #\_ 475 E. Greg Street #119 oratory.com tel (775) 355-0202 I LV Control # 1084 Lamoille Highway I Report tel (775) 777-9933 I Due Date 3230 Polaris Ave., Suite 4 I tel (702) 475-8899 I Page 1 Turnaround Time Requirements City of Yerington Nevada Public Works Client Standard \_ 215 Trowbridge Road Address \_ 72 Hour\* (50%) Yerington, NV 89447 48 Hour\* (100%) \_ 24 Hour\* (200%) City, State & Zip \*Surcharges Will Apply Samples Collected From Which State? Jay Flakus Contact Report Results Via NV\_CA\_ 775-302-1155 Dennis Becker Phone Collector's Name Other PDF EDD Compliance Monitoring? 775-463-2284 City of Yerington NV Fax PWS/Project Name Yes 🗶 Report to Regulatory Agency? Standard QC Required? **OPEN** LY-0255-C P.O. Number PWS/Project Number Yes X No NO. Analyses Requested jayf@yerington.net S Email OF A Billing Address (if different than Client Address) C M Company 0 P Address\_ N T City, State & Zip\_ E Α Contact 1 T ARSEN Phone Fax\_ N Y Email jayf@yerington.net E P R E SAMPLE ID/LOCATION DATE TIME 8/4/20 TPOT: ARSENTC TREATMENT PUNT W X 5 2008 Instructions/Comments/Special Requirements TO E-DATA\_BSDW@NDEP. NU. GOV REPORT Sample Matrix Key\*\* DW = Drinking Water WW = Wastewater SW = Surface Water MW = Monitoring Well SD = Solid/Sludge SO = S SAMPLE PRESERVATIVES: 1=Unpreserved 2=H2SO4 3=NaOH 4=HCI 5=HNØ3 6=Na2S2O3 7=ZnOAc+NaOH 8=HCI/VOA Vial **Custody Seal** Temp DATE TIME Samples Belinquished By Samples Received By 8/4/2020 139 15 4c N Mone) Y N None °C Y N None °C Y N None

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). To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received. unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted. 🔌 🗥 WETLAB will dispose of samples 90 days from sample receipt. Client may request a longer sample storage time for an additional fee. Please contact your Project Manager for details. 301.2E

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

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