

4/13/2020

Washoe County Water ResourcesCSD  
PO Box 11130  
Reno, NV 89502  
Attn: Ben Jesch

OrderID: 20030829

Dear: Ben Jesch

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 3/30/2020. 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

**SPARKS**

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fax (775) 355-0817  
EPA LAB ID: NV00925 - ELAP No: 2523

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EPA LAB ID: NV00926

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EPA LAB ID: NV00932

# Western Environmental Testing Laboratory

## Report Comments

Washoe County Water ResourcesCSD - 20030829

### 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

Washoe County Water ResourcesCSD

Date Printed: 4/13/2020

PO Box 11130

OrderID: 20030829

Reno, NV 89502

Attn: Ben Jesch

Phone: (775) 954-4612 Fax: NoFax

PO\Project: Swan Lake

Customer Sample ID: Swan Lake-Compton

Collect Date/Time: 3/30/2020 09:10

WETLAB Sample ID: 20030829-001

Receive Date: 3/30/2020 10:59

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
<b><u>General Chemistry</u></b>							
Ammonia, as Nitrogen	SM 4500 NH3 D	0.11	mg/L	1	0.10	3/30/2020	NV00925
Total Phosphorous as P	SM 4500-P E	0.19	mg/L	1	0.020	3/31/2020	NV00925
Total Suspended Solids (TSS)	SM 2540D	30	mg/L	1	10	3/30/2020	NV00925
Biochemical Oxygen Demand	SM 5210B	6.3	mg/L	1	2.0	4/1/2020	NV00925
Total Nitrogen	Calc.	2.7	mg/L	1	1.4	4/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	750	mg/L	1	25	3/30/2020	NV00925
<b><u>Microbiological Analyses</u></b>							
Total Coliform (MPN)	SM 9223B (Quantitray)	70.3	MPN/100ml	1	1.0	3/30/2020	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	17.3	MPN/100ml	1	1.0	3/30/2020	NV00925
<b><u>Anions by Ion Chromatography</u></b>							
Chloride	EPA 300.0	130	mg/L	5	5.0	3/30/2020	NV00925
Nitrate Nitrogen	EPA 300.0	ND	D mg/L	5	0.75	3/30/2020	NV00925
Nitrite Nitrogen	EPA 300.0	ND	D mg/L	5	0.30	3/30/2020	NV00925
Sulfate	EPA 300.0	150	mg/L	5	7.5	3/30/2020	NV00925
<b><u>Flow Injection Analyses</u></b>							
Total Kjeldahl Nitrogen	EPA 351.2	2.5	mg/L	1	0.40	4/3/2020	NV00925
<b><u>Trace Metals by ICP-OES</u></b>							
Barium	EPA 200.7	0.098	mg/L	1	0.020	4/1/2020	NV00925
Boron	EPA 200.7	0.33	mg/L	1	0.10	4/1/2020	NV00925
Iron	EPA 200.7	2.2	mg/L	1	0.10	4/1/2020	NV00925
Manganese	EPA 200.7	0.17	mg/L	1	0.010	4/1/2020	NV00925
<b><u>Trace Metals by ICP-MS</u></b>							
Arsenic	EPA 200.8	0.028	mg/L	1	0.0050	3/31/2020	NV00925
<b><u>Sample Preparation</u></b>							
Trace Metals Digestion	EPA 200.2	W200331-1		1		3/31/2020	NV00925

DF=Dilution Factor, RL = Reporting Limit (minimum 3X the MDL), ND = Not Detected &lt;RL or &lt;MDL (if listed)

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 EPA LAB ID: NV00932

Customer Sample ID: Swan Lake-Pompe

Collect Date/Time: 3/30/2020 09:50

WETLAB Sample ID: 20030829-002

Receive Date: 3/30/2020 10:59

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
<b><u>General Chemistry</u></b>							
Ammonia, as Nitrogen	SM 4500 NH3 D	0.31	mg/L	1	0.10	3/30/2020	NV00925
Total Phosphorous as P	SM 4500-P E	0.38	mg/L	1	0.020	3/31/2020	NV00925
Total Suspended Solids (TSS)	SM 2540D	70	mg/L	1	10	3/30/2020	NV00925
Biochemical Oxygen Demand	SM 5210B	4.8	mg/L	1	2.0	4/1/2020	NV00925
Total Nitrogen	Calc.	2.7	mg/L	1	1.4	4/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	820	mg/L	1	25	3/30/2020	NV00925
<b><u>Microbiological Analyses</u></b>							
Total Coliform (MPN)	SM 9223B (Quantitray)	66.3	MPN/100ml	1	1.0	3/30/2020	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	9.4	MPN/100ml	1	1.0	3/30/2020	NV00925
<b><u>Anions by Ion Chromatography</u></b>							
Chloride	EPA 300.0	130	mg/L	5	5.0	3/30/2020	NV00925
Nitrate Nitrogen	EPA 300.0	ND	D mg/L	5	0.75	3/30/2020	NV00925
Nitrite Nitrogen	EPA 300.0	ND	D mg/L	5	0.30	3/30/2020	NV00925
Sulfate	EPA 300.0	120	mg/L	5	7.5	3/30/2020	NV00925
<b><u>Flow Injection Analyses</u></b>							
Total Kjeldahl Nitrogen	EPA 351.2	2.4	mg/L	1	0.40	4/3/2020	NV00925
<b><u>Trace Metals by ICP-OES</u></b>							
Barium	EPA 200.7	0.098	mg/L	1	0.020	3/31/2020	NV00925
Boron	EPA 200.7	0.35	mg/L	1	0.10	3/31/2020	NV00925
Iron	EPA 200.7	4.5	mg/L	1	0.10	3/31/2020	NV00925
Manganese	EPA 200.7	0.15	mg/L	1	0.010	3/31/2020	NV00925
<b><u>Trace Metals by ICP-MS</u></b>							
Arsenic	EPA 200.8	0.035	mg/L	1	0.0050	3/31/2020	NV00925
<b><u>Sample Preparation</u></b>							
Trace Metals Digestion	EPA 200.2	W200331-1		1		3/31/2020	NV00925

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 EPA LAB ID: NV00932

Customer Sample ID: Swan Lake-Jean  
 WETLAB Sample ID: 20030829-003

Collect Date/Time: 3/30/2020 09:40

Receive Date: 3/30/2020 10:59

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
<b><u>General Chemistry</u></b>							
Ammonia, as Nitrogen	SM 4500 NH3 D	0.23	mg/L	1	0.10	3/30/2020	NV00925
Total Phosphorous as P	SM 4500-P E	0.37	mg/L	1	0.020	3/31/2020	NV00925
Total Suspended Solids (TSS)	SM 2540D	110	mg/L	1	10	3/30/2020	NV00925
Biochemical Oxygen Demand	SM 5210B	5.9	mg/L	1	2.0	4/1/2020	NV00925
Total Nitrogen	Calc.	2.7	mg/L	1	1.4	4/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	900	mg/L	1	25	3/30/2020	NV00925
<b><u>Microbiological Analyses</u></b>							
Total Coliform (MPN)	SM 9223B (Quantitray)	72.3	MPN/100ml	1	1.0	3/30/2020	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	35.9	MPN/100ml	1	1.0	3/30/2020	NV00925
<b><u>Anions by Ion Chromatography</u></b>							
Chloride	EPA 300.0	130	mg/L	5	5.0	3/30/2020	NV00925
Nitrate Nitrogen	EPA 300.0	ND	D mg/L	5	0.75	3/30/2020	NV00925
Nitrite Nitrogen	EPA 300.0	ND	D mg/L	5	0.30	3/30/2020	NV00925
Sulfate	EPA 300.0	120	mg/L	5	7.5	3/30/2020	NV00925
<b><u>Flow Injection Analyses</u></b>							
Total Kjeldahl Nitrogen	EPA 351.2	2.5	mg/L	1	0.40	4/3/2020	NV00925
<b><u>Trace Metals by ICP-OES</u></b>							
Barium	EPA 200.7	0.10	mg/L	1	0.020	3/31/2020	NV00925
Boron	EPA 200.7	0.35	mg/L	1	0.10	3/31/2020	NV00925
Iron	EPA 200.7	5.1	mg/L	1	0.10	3/31/2020	NV00925
Manganese	EPA 200.7	0.18	mg/L	1	0.010	3/31/2020	NV00925
<b><u>Trace Metals by ICP-MS</u></b>							
Arsenic	EPA 200.8	0.036	mg/L	1	0.0050	3/31/2020	NV00925
<b><u>Sample Preparation</u></b>							
Trace Metals Digestion	EPA 200.2	W200331-1		1		3/31/2020	NV00925

DF=Dilution Factor, RL = Reporting Limit (minimum 3X the MDL), ND = Not Detected <RL or <MDL (if listed)

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Customer Sample ID: Swan Lake-Compton DUP  
 WETLAB Sample ID: 20030829-004

Collect Date/Time: 3/30/2020 09:15

Receive Date: 3/30/2020 10:59

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
<b><u>General Chemistry</u></b>							
Ammonia, as Nitrogen	SM 4500 NH3 D	0.12	mg/L	1	0.10	3/30/2020	NV00925
Total Phosphorous as P	SM 4500-P E	0.23	mg/L	1	0.020	3/31/2020	NV00925
Total Suspended Solids (TSS)	SM 2540D	29	mg/L	1	10	3/30/2020	NV00925
Biochemical Oxygen Demand	SM 5210B	5.8	mg/L	1	2.0	4/1/2020	NV00925
Total Nitrogen	Calc.	2.7	mg/L	1	1.4	4/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	840	mg/L	1	25	3/30/2020	NV00925
<b><u>Microbiological Analyses</u></b>							
Total Coliform (MPN)	SM 9223B (Quantitray)	85.7	MPN/100ml	1	1.0	3/30/2020	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	27.5	MPN/100ml	1	1.0	3/30/2020	NV00925
<b><u>Anions by Ion Chromatography</u></b>							
Chloride	EPA 300.0	130	mg/L	5	5.0	3/30/2020	NV00925
Nitrate Nitrogen	EPA 300.0	ND	D mg/L	5	0.75	3/30/2020	NV00925
Nitrite Nitrogen	EPA 300.0	ND	D mg/L	5	0.30	3/30/2020	NV00925
Sulfate	EPA 300.0	150	mg/L	5	7.5	3/30/2020	NV00925
<b><u>Flow Injection Analyses</u></b>							
Total Kjeldahl Nitrogen	EPA 351.2	2.6	mg/L	1	0.40	4/3/2020	NV00925
<b><u>Trace Metals by ICP-OES</u></b>							
Barium	EPA 200.7	0.084	mg/L	1	0.020	3/31/2020	NV00925
Boron	EPA 200.7	0.37	mg/L	1	0.10	3/31/2020	NV00925
Iron	EPA 200.7	2.0	mg/L	1	0.10	3/31/2020	NV00925
Manganese	EPA 200.7	0.17	mg/L	1	0.010	3/31/2020	NV00925
<b><u>Trace Metals by ICP-MS</u></b>							
Arsenic	EPA 200.8	0.029	mg/L	1	0.0050	3/31/2020	NV00925
<b><u>Sample Preparation</u></b>							
Trace Metals Digestion	EPA 200.2	W200331-1		1		3/31/2020	NV00925

DF=Dilution Factor, RL = Reporting Limit (minimum 3X the MDL), ND = Not Detected <RL or <MDL (if listed)

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**LAS VEGAS**

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 EPA LAB ID: NV00932

Customer Sample ID: Silver Lake  
 WETLAB Sample ID: 20030829-005

Collect Date/Time: 3/30/2020 10:10

Receive Date: 3/30/2020 10:59

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
<b><u>General Chemistry</u></b>							
Ammonia, as Nitrogen	SM 4500 NH3 D	ND	mg/L	1	0.10	3/30/2020	NV00925
Total Phosphorous as P	SM 4500-P E	0.027	mg/L	1	0.020	3/31/2020	NV00925
Total Suspended Solids (TSS)	SM 2540D	25	mg/L	1	10	3/30/2020	NV00925
Biochemical Oxygen Demand	SM 5210B	4.3	mg/L	1	2.0	4/1/2020	NV00925
Total Nitrogen	Calc.	1.7	mg/L	1	1.4	4/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	600 QD	mg/L	1	25	3/31/2020	NV00925
<b><u>Microbiological Analyses</u></b>							
Total Coliform (MPN)	SM 9223B (Quantitray)	248.1	MPN/100ml	1	1.0	3/30/2020	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	2.0	MPN/100ml	1	1.0	3/30/2020	NV00925
<b><u>Anions by Ion Chromatography</u></b>							
Chloride	EPA 300.0	100	mg/L	5	5.0	3/30/2020	NV00925
Nitrate Nitrogen	EPA 300.0	ND D	mg/L	5	0.75	3/30/2020	NV00925
Nitrite Nitrogen	EPA 300.0	ND D	mg/L	5	0.30	3/30/2020	NV00925
Sulfate	EPA 300.0	56	mg/L	5	7.5	3/30/2020	NV00925
<b><u>Flow Injection Analyses</u></b>							
Total Kjeldahl Nitrogen	EPA 351.2	1.7	mg/L	1	0.40	4/3/2020	NV00925
<b><u>Trace Metals by ICP-OES</u></b>							
Barium	EPA 200.7	0.051	mg/L	1	0.020	3/31/2020	NV00925
Boron	EPA 200.7	0.15	mg/L	1	0.10	3/31/2020	NV00925
Iron	EPA 200.7	2.3	mg/L	1	0.10	3/31/2020	NV00925
Manganese	EPA 200.7	0.060	mg/L	1	0.010	3/31/2020	NV00925
<b><u>Trace Metals by ICP-MS</u></b>							
Arsenic	EPA 200.8	0.019	mg/L	1	0.0050	3/31/2020	NV00925
<b><u>Sample Preparation</u></b>							
Trace Metals Digestion	EPA 200.2	W200331-1		1		3/31/2020	NV00925

DF=Dilution Factor, RL = Reporting Limit (minimum 3X the MDL), ND = Not Detected <RL or <MDL (if listed)

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**LAS VEGAS**

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 EPA LAB ID: NV00932

Customer Sample ID: White Lake  
 WETLAB Sample ID: 20030829-006

Collect Date/Time: 3/30/2020 10:25

Receive Date: 3/30/2020 10:59

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
<b><u>General Chemistry</u></b>							
Ammonia, as Nitrogen	SM 4500 NH3 D	ND	mg/L	1	0.10	3/30/2020	NV00925
Total Phosphorous as P	SM 4500-P E	0.45	mg/L	2	0.040	3/31/2020	NV00925
Total Suspended Solids (TSS)	SM 2540D	440	mg/L	1	10	3/30/2020	NV00925
Biochemical Oxygen Demand	SM 5210B	2.5	mg/L	1	2.0	4/1/2020	NV00925
Total Nitrogen	Calc.	4.0	mg/L	1	1.4	4/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	5200	mg/L	1	25	4/2/2020	NV00925
<b><u>Microbiological Analyses</u></b>							
Total Coliform (MPN)	SM 9223B (Quantitray)	82.0	MPN/100ml	2	2.0	3/30/2020	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	4.0	MPN/100ml	2	2.0	3/30/2020	NV00925
<b><u>Anions by Ion Chromatography</u></b>							
Chloride	EPA 300.0	210	mg/L	5	5.0	3/30/2020	NV00925
Nitrate Nitrogen	EPA 300.0	1.7	mg/L	5	0.75	3/30/2020	NV00925
Nitrite Nitrogen	EPA 300.0	ND	mg/L	5	0.30	3/30/2020	NV00925
Sulfate	EPA 300.0	84	mg/L	5	7.5	3/30/2020	NV00925
<b><u>Flow Injection Analyses</u></b>							
Total Kjeldahl Nitrogen	EPA 351.2	2.4	mg/L	1	0.40	4/3/2020	NV00925
<b><u>Trace Metals by ICP-OES</u></b>							
Barium	EPA 200.7	0.95	mg/L	1	0.020	3/31/2020	NV00925
Boron	EPA 200.7	0.70	mg/L	1	0.10	3/31/2020	NV00925
Iron	EPA 200.7	13	mg/L	1	0.10	4/1/2020	NV00925
Manganese	EPA 200.7	3.5	mg/L	1	0.010	3/31/2020	NV00925
<b><u>Trace Metals by ICP-MS</u></b>							
Arsenic	EPA 200.8	0.34	mg/L	1	0.0050	3/31/2020	NV00925
<b><u>Sample Preparation</u></b>							
Trace Metals Digestion	EPA 200.2	W200331-1		1		3/31/2020	NV00925

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 EPA LAB ID: NV00932



## Western Environmental Testing Laboratory QC Report

QCBatchID	QCType	Parameter	Method	Result	Actual	% Rec	Units
QC20031185	Blank 1	Ammonia, as Nitrogen	SM 4500 NH3 D	ND			mg/L
QC20031207	Blank 1	Chloride	EPA 300.0	ND			mg/L
		Nitrate Nitrogen	EPA 300.0	ND			mg/L
		Nitrite Nitrogen	EPA 300.0	ND			mg/L
		Sulfate	EPA 300.0	ND			mg/L
QC20031233	Blank 1	Total Phosphorous as P	SM 4500-P E	ND			mg/L
QC20031256	Blank 1	Total Coliform (MPN)	SM 9223B (Quant	ND			MPN/100ml
		Escherichia Coli (MPN)	SM 9223B (Quant	ND			MPN/100ml
QC20040002	Blank 1	Barium, Dissolved	EPA 200.7	ND			mg/L
		Boron, Dissolved	EPA 200.7	ND			mg/L
		Iron, Dissolved	EPA 200.7	ND			mg/L
		Manganese, Dissolved	EPA 200.7	ND			mg/L
QC20040031	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	ND			mg/L
QC20040033	Blank 1	Arsenic, Dissolved	EPA 200.8	ND			mg/L
QC20040034	Blank 1	Total Suspended Solids (TSS)	SM 2540D	ND			mg/L
QC20040086	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	ND			mg/L
QC20040125	Blank 1	Total Kjeldahl Nitrogen	EPA 351.2	ND			mg/L
QC20040186	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	ND			mg/L
QC20040191	Blank 1	Biochemical Oxygen Demand	SM 5210B	ND			mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Rec	Units
QC20031185	LCS 1	Ammonia, as Nitrogen	SM 4500 NH3 D	1.01	1.00	101	mg/L
QC20031207	LCS 1	Chloride	EPA 300.0	9.77	10.0	98	mg/L
		Nitrate Nitrogen	EPA 300.0	1.98	2.00	99	mg/L
		Nitrite Nitrogen	EPA 300.0	0.504	0.500	101	mg/L
		Sulfate	EPA 300.0	25.1	25.0	100	mg/L
QC20031233	LCS 1	Total Phosphorous as P	SM 4500-P E	0.233	0.250	93	mg/L
QC20040002	LCS 1	Barium, Dissolved	EPA 200.7	0.992	1.00	99	mg/L
		Boron, Dissolved	EPA 200.7	1.01	1.00	101	mg/L
		Iron, Dissolved	EPA 200.7	1.01	1.00	101	mg/L
		Manganese, Dissolved	EPA 200.7	1.01	1.00	101	mg/L
QC20040031	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	148	150	99	mg/L
QC20040031	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	142	150	95	mg/L
QC20040033	LCS 1	Arsenic, Dissolved	EPA 200.8	0.0486	0.050	97	mg/L
QC20040034	LCS 1	Total Suspended Solids (TSS)	SM 2540D	198	200	99	mg/L
QC20040034	LCS 2	Total Suspended Solids (TSS)	SM 2540D	199	200	99	mg/L
QC20040086	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	141	150	94	mg/L
QC20040086	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	140	150	93	mg/L
QC20040125	LCS 1	Total Kjeldahl Nitrogen	EPA 351.2	1.09	1.00	109	mg/L
QC20040186	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	160	150	107	mg/L
QC20040186	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	163	150	109	mg/L
QC20040191	LCS 1	Biochemical Oxygen Demand	SM 5210B	187	198	95	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC20040031	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	20030799-004	515	528	mg/L	2 %
QC20040031	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	20030814-002	520	529	mg/L	2 %
QC20040034	Duplicate 1	Total Suspended Solids (TSS)	SM 2540D	20030823-001	32.5	32.5	mg/L	<1%

DF=Dilution Factor, RL = Reporting Limit (minimum 3X the MDL), ND = Not Detected <RL or <MDL (if listed)

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### 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

1084 Lamoille Hwy  
Elko, Nevada 89801  
tel (775) 777-9933  
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EPA LAB ID: NV00926

### LAS VEGAS

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

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC20040086	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	20030828-001	369	377	mg/L	2 %
QC20040086	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	20030829-005	596	528	QD mg/L	12 %
QC20040186	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	20040040-001	1440	1438	mg/L	<1%
QC20040186	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	20040047-001	435	440	mg/L	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS %Rec	MSD %Rec	RPD %
QC20031185	MS 1	Ammonia, as Nitrogen	SM 4500 NH3 D	20030823-001	0.161	1.07	1.07	1	mg/L	91	91	<1
QC20031207	MS 1	Chloride	EPA 300.0	20030790-001	30.6	35.5	35.4	5	mg/L	99	97	<1
		Nitrate Nitrogen	EPA 300.0	20030790-001	0.637	HT 2.85	2.84	2	mg/L	111	110	<1
		Nitrite Nitrogen	EPA 300.0	20030790-001	ND	HT 0.582	0.565	0.5	mg/L	116	113	3
		Sulfate	EPA 300.0	20030790-001	24.2	34.5	34.4	10	mg/L	103	102	<1
QC20031207	MS 2	Chloride	EPA 300.0	20030829-005	101	156	157	5	mg/L	90	93	<1
		Nitrate Nitrogen	EPA 300.0	20030829-005	ND	D 10.9	11.0	2	mg/L	108	109	<1
		Nitrite Nitrogen	EPA 300.0	20030829-005	ND	D 2.54	2.46	0.5	mg/L	102	98	3
		Sulfate	EPA 300.0	20030829-005	56.4	202	204	10	mg/L	99	102	1
QC20031233	MS 1	Total Phosphorous as P	SM 4500-P E	20030823-001	3.02	M 4.49	3.79	0.25	mg/L	NC	NC	NC
QC20031233	MS 2	Total Phosphorous as P	SM 4500-P E	20030825-001	61.5	107	110	0.25	mg/L	91	97	3
QC20040002	MS 1	Barium, Dissolved	EPA 200.7	20030814-001	0.046	1.08	1.06	1	mg/L	103	102	2
		Boron, Dissolved	EPA 200.7	20030814-001	ND	1.12	1.05	1	mg/L	104	98	6
		Iron, Dissolved	EPA 200.7	20030814-001	ND	1.01	0.924	1	mg/L	94	86	9
		Manganese, Dissolved	EPA 200.7	20030814-001	0.031	1.02	1.01	1	mg/L	99	98	1
QC20040033	MS 1	Arsenic, Dissolved	EPA 200.8	20030814-001	ND	0.0527	0.0542	0.05	mg/L	96	99	3
QC20040125	MS 1	Total Kjeldahl Nitrogen	EPA 351.2	20030815-001	ND	M 1.20	1.13	1	mg/L	NC	NC	NC
QC20040125	MS 2	Total Kjeldahl Nitrogen	EPA 351.2	20030829-003	2.45	3.54	3.55	1	mg/L	108	110	<1

**SPARKS**

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 Sparks, Nevada 89431  
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**LAS VEGAS**

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 Las Vegas, Nevada 89102  
 tel (702) 475-8899  
 fax (702) 622-2868  
 EPA LAB ID: NV00932



# WETLAB

WESTERN ENVIRONMENTAL TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #119 | Sparks, Nevada 89431 | www.WETLaboratory.com  
tel (775) 355-0202 | fax (775) 355-0817  
1084 Lamoille Highway | Elko, Nevada 89801  
tel (775) 777-9933 | fax (775) 777-9933  
3230 Polaris Ave., Suite 4 | Las Vegas, Nevada 89102  
tel (702) 475-8899 | fax (702) 776-6152

WETLAB Order ID. 20030829

Sparks Control # \_\_\_\_\_

Elko Control # \_\_\_\_\_

LV Control # \_\_\_\_\_

Report Due Date 4/13/20

Page 1 of 1

Client **Washoe County Community Services Department**

Address **1001 E. 9th Street**

City, State & Zip **Reno, NV 89512**

Contact **Ben Jesch**

Phone **(775) 954-4626** Collector's Name **Calvin S.**

Fax **(775) 328-3699** PWS/Project Name **Swan Lake**

P.O. Number \_\_\_\_\_ PWS/Project Number \_\_\_\_\_

### Turnaround Time Requirements

Standard	<input checked="" type="checkbox"/>
5 Day* (25%)	<input type="checkbox"/>
72 Hour* (50%)	<input type="checkbox"/>
48 Hour* (100%)	<input type="checkbox"/>
24 Hour* (200%)	<input type="checkbox"/>

\*Surcharges Will Apply

Samples Collected From Which State?		Report Results Via	
NV	<input checked="" type="checkbox"/>	CA	<input type="checkbox"/>
Other	<input type="checkbox"/>	PDF	<input checked="" type="checkbox"/>
Compliance Monitoring?		EDD	<input checked="" type="checkbox"/>
Yes	<input type="checkbox"/>	Other	_____
No	<input checked="" type="checkbox"/>	Report to Regulatory Agency?	
Report to Regulatory Agency?		Standard QC Required?	
Yes	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>
No	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

Email **bjesch@washoecounty.us**

### Billing Address (if different than Client Address)

Company \_\_\_\_\_  
Address \_\_\_\_\_  
City, State & Zip \_\_\_\_\_  
Contact \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_  
Email **bjesch@washoecounty.us**

### Analyses Requested

S A M P L E T Y P E S	NO. OF C O N T A I N E R S	Ammonia	BOD / TSS / TDS	Total Nitrogen	Total Phosphorus	E. Coli / Total Coliform	Chloride / Sulfate	Nitrate / Total Kjeldahl Nitrogen	Arsenic / Boron	Barium / Iron	Manganese	Spl. No.	
													SW
Swan Lake - Compton	3/30	9:10	Misc.	SW	5	✓	✓	✓	✓	✓	✓	✓	1
Swan Lake - Pompe	3/30	9:50	Misc.	SW	5	✓	✓	✓	✓	✓	✓	✓	2
Swan Lake - Jean	3/30	9:40	Misc.	SW	5	✓	✓	✓	✓	✓	✓	✓	3
Swan Lake - Compton - DUP	3/30	9:15	Misc.	SW	5	✓	✓	✓	✓	✓	✓	✓	4
Silver Lake	3/30	10:10	Misc.	SW	5	✓	✓	✓	✓	✓	✓	✓	5
White Lake	3/30	10:25	Misc.	SW	5	✓	✓	✓	✓	✓	✓	✓	6

Instructions/Comments/Special Requirements: \_\_\_\_\_

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

Temp	Custody Seal	# of Containers	DATE	TIME	Samples Relinquished By	Samples Received By
6.4 °C	Y N None	30	3/30	10:59	Calvin Sanibay	N. Lane
°C	Y N None					
°C	Y N None					
°C	Y N None					

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). CS initial

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. CS initial

WETLAB will dispose of samples 90 days from sample receipt. Client may request a longer sample storage time for an additional fee. 301.2E

Please contact your Project Manager for details. CS initial