

1/14/2020

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

OrderID: 19120806

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 12/30/2019. 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,



Andy Smith
QA Manager

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 Lamaille Hwy
Elko, Nevada 89801
tel (775) 777-9933
fax (775) 777-9933
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

Western Environmental Testing Laboratory

Report Comments

Washoe County Water Resources CSD - 19120806

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.

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
fax (775) 777-9933
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

Western Environmental Testing Laboratory

Analytical Report

Washoe County Water ResourcesCSD

Date Printed: 1/14/2020

PO Box 11130

OrderID: 19120806

Reno, NV 89502

Attn: Ben Jesch

Phone: (775) 954-4612 Fax: NoFax

PO\Project: Swan Lake

Customer Sample ID: Compton

Collect Date/Time: 12/30/2019 08:50

WETLAB Sample ID: 19120806-001

Receive Date: 12/30/2019 11:22

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
General Chemistry							
Ammonia, as Nitrogen	SM 4500 NH3 D	0.061	mg/L	1	0.050	12/31/2019	NV00925
Total Phosphorous as P	SM 4500-P E	0.71	mg/L	2	0.040	12/31/2019	NV00925
Total Suspended Solids (TSS)	SM 2540D	24 QD	mg/L	1	10	12/30/2019	NV00925
Biochemical Oxygen Demand	SM 5210B	4.5	mg/L	1	2.0	12/30/2019	NV00925
Total Nitrogen	Calc.	1.8	mg/L	1	1.4	1/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	720	mg/L	1	25	12/30/2019	NV00925
Microbiological Analyses							
Total Coliform (MPN)	SM 9223B (Quantitray)	39.3	MPN/100ml	1	1.0	12/30/2019	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	9.7	MPN/100ml	1	1.0	12/30/2019	NV00925
Anions by Ion Chromatography							
Chloride	EPA 300.0	130	mg/L	5	5.0	12/30/2019	NV00925
Nitrate Nitrogen	EPA 300.0	ND D	mg/L	5	0.75	12/30/2019	NV00925
Nitrite Nitrogen	EPA 300.0	ND D	mg/L	5	0.30	12/30/2019	NV00925
Sulfate	EPA 300.0	160	mg/L	5	7.5	12/30/2019	NV00925
Flow Injection Analyses							
Total Kjeldahl Nitrogen	EPA 351.2	1.7	mg/L	1	0.40	1/3/2020	NV00925
Trace Metals by ICP-OES							
Barium	EPA 200.7	0.067	mg/L	1	0.020	1/13/2020	NV00925
Boron	EPA 200.7	0.29	mg/L	1	0.10	1/13/2020	NV00925
Iron	EPA 200.7	1.6	mg/L	1	0.10	1/13/2020	NV00925
Manganese	EPA 200.7	0.11	mg/L	1	0.010	1/13/2020	NV00925
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	0.025	mg/L	1	0.0050	1/3/2020	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		1		12/31/2019	NV00925

Customer Sample ID: Pompe

Collect Date/Time: 12/30/2019 09:40

WETLAB Sample ID: 19120806-002

Receive Date: 12/30/2019 11:22

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
General Chemistry							
Ammonia, as Nitrogen	SM 4500 NH3 D	0.38	mg/L	1	0.050	12/31/2019	NV00925

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

Page 3 of 9

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
 fax (775) 777-9933
 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

Customer Sample ID: Pompe

Collect Date/Time: 12/30/2019 09:40

WETLAB Sample ID: 19120806-002

Receive Date: 12/30/2019 11:22

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
Total Phosphorous as P	SM 4500-P E	0.97 M	mg/L	1	0.020	12/31/2019	NV00925
Total Suspended Solids (TSS)	SM 2540D	ND	mg/L	1	10	12/30/2019	NV00925
Biochemical Oxygen Demand	SM 5210B	2.4	mg/L	1	2.0	12/30/2019	NV00925
Total Nitrogen	Calc.	1.9	mg/L	1	1.4	1/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	770	mg/L	1	25	12/30/2019	NV00925
Microbiological Analyses							
Total Coliform (MPN)	SM 9223B (Quantitray)	33.6	MPN/100ml	1	1.0	12/30/2019	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	ND	MPN/100ml	1	1.0	12/30/2019	NV00925
Anions by Ion Chromatography							
Chloride	EPA 300.0	130	mg/L	5	5.0	12/30/2019	NV00925
Nitrate Nitrogen	EPA 300.0	ND D	mg/L	5	0.75	12/30/2019	NV00925
Nitrite Nitrogen	EPA 300.0	ND D	mg/L	5	0.30	12/30/2019	NV00925
Sulfate	EPA 300.0	120	mg/L	5	7.5	12/30/2019	NV00925
Flow Injection Analyses							
Total Kjeldahl Nitrogen	EPA 351.2	1.8	mg/L	1	0.40	1/3/2020	NV00925
Trace Metals by ICP-OES							
Barium	EPA 200.7	0.061	mg/L	1	0.020	1/13/2020	NV00925
Boron	EPA 200.7	0.30	mg/L	1	0.10	1/13/2020	NV00925
Iron	EPA 200.7	1.0	mg/L	1	0.10	1/13/2020	NV00925
Manganese	EPA 200.7	0.026	mg/L	1	0.010	1/13/2020	NV00925
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	0.032	mg/L	1	0.0050	1/3/2020	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		1		12/31/2019	NV00925

Customer Sample ID: Jean

Collect Date/Time: 12/30/2019 09:20

WETLAB Sample ID: 19120806-003

Receive Date: 12/30/2019 11:22

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
General Chemistry							
Ammonia, as Nitrogen	SM 4500 NH3 D	0.41	mg/L	1	0.050	12/31/2019	NV00925
Total Phosphorous as P	SM 4500-P E	0.90	mg/L	2	0.040	12/31/2019	NV00925
Total Suspended Solids (TSS)	SM 2540D	ND	mg/L	1	10	12/30/2019	NV00925
Biochemical Oxygen Demand	SM 5210B	2.7	mg/L	1	2.0	12/30/2019	NV00925
Total Nitrogen	Calc.	1.9	mg/L	1	1.4	1/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	670	mg/L	1	25	12/30/2019	NV00925
Microbiological Analyses							
Total Coliform (MPN)	SM 9223B (Quantitray)	21.3	MPN/100ml	1	1.0	12/30/2019	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	1.0	MPN/100ml	1	1.0	12/30/2019	NV00925
Anions by Ion Chromatography							
Chloride	EPA 300.0	130	mg/L	5	5.0	12/30/2019	NV00925
Nitrate Nitrogen	EPA 300.0	ND D	mg/L	5	0.75	12/30/2019	NV00925
Nitrite Nitrogen	EPA 300.0	ND D	mg/L	5	0.30	12/30/2019	NV00925
Sulfate	EPA 300.0	120	mg/L	5	7.5	12/30/2019	NV00925

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

Page 4 of 9

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
 fax (775) 777-9933
 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

Customer Sample ID: Jean

Collect Date/Time: 12/30/2019 09:20

WETLAB Sample ID: 19120806-003

Receive Date: 12/30/2019 11:22

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
Flow Injection Analyses							
Total Kjeldahl Nitrogen	EPA 351.2	1.8	mg/L	1	0.40	1/3/2020	NV00925
Trace Metals by ICP-OES							
Barium	EPA 200.7	0.059	mg/L	1	0.020	1/13/2020	NV00925
Boron	EPA 200.7	0.28	mg/L	1	0.10	1/13/2020	NV00925
Iron	EPA 200.7	1.2	mg/L	1	0.10	1/13/2020	NV00925
Manganese	EPA 200.7	0.031	mg/L	1	0.010	1/13/2020	NV00925
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	0.030	mg/L	1	0.0050	1/3/2020	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		1		12/31/2019	NV00925

Customer Sample ID: Silver Lake

Collect Date/Time: 12/30/2019 10:05

WETLAB Sample ID: 19120806-004

Receive Date: 12/30/2019 11:22

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
General Chemistry							
Ammonia, as Nitrogen	SM 4500 NH3 D	ND	mg/L	1	0.050	12/31/2019	NV00925
Total Phosphorous as P	SM 4500-P E	0.29	mg/L	1	0.020	12/31/2019	NV00925
Total Suspended Solids (TSS)	SM 2540D	32	mg/L	1	10	12/30/2019	NV00925
Biochemical Oxygen Demand	SM 5210B	16	mg/L	1	2.0	12/30/2019	NV00925
Total Nitrogen	Calc.	3.1	mg/L	1	1.4	1/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	560	mg/L	1	25	12/30/2019	NV00925
Microbiological Analyses							
Total Coliform (MPN)	SM 9223B (Quantitray)	66.2	MPN/100ml	2	2.0	12/30/2019	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	2.0	MPN/100ml	2	2.0	12/30/2019	NV00925
Anions by Ion Chromatography							
Chloride	EPA 300.0	120	mg/L	5	5.0	12/30/2019	NV00925
Nitrate Nitrogen	EPA 300.0	ND	D mg/L	5	0.75	12/30/2019	NV00925
Nitrite Nitrogen	EPA 300.0	ND	D mg/L	5	0.30	12/30/2019	NV00925
Sulfate	EPA 300.0	66	mg/L	5	7.5	12/30/2019	NV00925
Flow Injection Analyses							
Total Kjeldahl Nitrogen	EPA 351.2	3.1	mg/L	1	0.40	1/3/2020	NV00925
Trace Metals by ICP-OES							
Barium	EPA 200.7	0.058	mg/L	1	0.020	1/13/2020	NV00925
Boron	EPA 200.7	0.15	mg/L	1	0.10	1/13/2020	NV00925
Iron	EPA 200.7	2.3	mg/L	1	0.10	1/13/2020	NV00925
Manganese	EPA 200.7	0.066	mg/L	1	0.010	1/13/2020	NV00925
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	0.019	mg/L	1	0.0050	1/3/2020	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		1		12/31/2019	NV00925

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

Page 5 of 9

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
 fax (775) 777-9933
 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: NV00926

Customer Sample ID: Silver Lake DUP

Collect Date/Time: 12/30/2019 10:05

WETLAB Sample ID: 19120806-005

Receive Date: 12/30/2019 11:22

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
General Chemistry							
Ammonia, as Nitrogen	SM 4500 NH3 D	ND	mg/L	1	0.050	12/31/2019	NV00925
Total Phosphorous as P	SM 4500-P E	0.31	mg/L	1	0.020	12/31/2019	NV00925
Total Suspended Solids (TSS)	SM 2540D	28	mg/L	1	10	12/30/2019	NV00925
Biochemical Oxygen Demand	SM 5210B	16	mg/L	1	2.0	12/30/2019	NV00925
Total Nitrogen	Calc.	3.2	mg/L	1	1.4	1/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	650	mg/L	1	25	12/30/2019	NV00925
Microbiological Analyses							
Total Coliform (MPN)	SM 9223B (Quantitray)	62.6	MPN/100ml	2	2.0	12/30/2019	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	ND	D MPN/100ml	2	2.0	12/30/2019	NV00925
Anions by Ion Chromatography							
Chloride	EPA 300.0	120	mg/L	5	5.0	12/30/2019	NV00925
Nitrate Nitrogen	EPA 300.0	ND	D mg/L	5	0.75	12/30/2019	NV00925
Nitrite Nitrogen	EPA 300.0	ND	D mg/L	5	0.30	12/30/2019	NV00925
Sulfate	EPA 300.0	65	mg/L	5	7.5	12/30/2019	NV00925
Flow Injection Analyses							
Total Kjeldahl Nitrogen	EPA 351.2	3.2	mg/L	1	0.40	1/3/2020	NV00925
Trace Metals by ICP-OES							
Barium	EPA 200.7	0.056	mg/L	1	0.020	1/13/2020	NV00925
Boron	EPA 200.7	0.15	mg/L	1	0.10	1/13/2020	NV00925
Iron	EPA 200.7	2.1	mg/L	1	0.10	1/13/2020	NV00925
Manganese	EPA 200.7	0.062	mg/L	1	0.010	1/13/2020	NV00925
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	0.019	mg/L	1	0.0050	1/3/2020	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		1		12/31/2019	NV00925

Customer Sample ID: White Lake

Collect Date/Time: 12/30/2019 10:45

WETLAB Sample ID: 19120806-006

Receive Date: 12/30/2019 11:22

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
General Chemistry							
Ammonia, as Nitrogen	SM 4500 NH3 D	ND	mg/L	1	0.050	12/31/2019	NV00925
Total Phosphorous as P	SM 4500-P E	0.89	mg/L	5	0.10	12/31/2019	NV00925
Total Suspended Solids (TSS)	SM 2540D	130	mg/L	1	10	12/30/2019	NV00925
Biochemical Oxygen Demand	SM 5210B	2.0	mg/L	1	2.0	12/30/2019	NV00925
Total Nitrogen	Calc.	3.1	mg/L	1	1.4	1/3/2020	NV00925
Total Dissolved Solids (TDS)	SM 2540C	2000	mg/L	1	25	12/30/2019	NV00925
Microbiological Analyses							
Total Coliform (MPN)	SM 9223B (Quantitray)	115.5	MPN/100ml	5	5.0	12/30/2019	NV00925
Escherichia Coli (MPN)	SM 9223B (Quantitray)	ND	D MPN/100ml	5	5.0	12/30/2019	NV00925
Anions by Ion Chromatography							
Chloride	EPA 300.0	130	mg/L	5	5.0	12/30/2019	NV00925
Nitrate Nitrogen	EPA 300.0	1.3	mg/L	5	0.75	12/30/2019	NV00925

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

Page 6 of 9

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
 fax (775) 777-9933
 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

Customer Sample ID: White Lake

Collect Date/Time: 12/30/2019 10:45

WETLAB Sample ID: 19120806-006

Receive Date: 12/30/2019 11:22

Analyte	Method	Results	Units	DF	RL	Analyzed	LabID
Nitrite Nitrogen	EPA 300.0	ND	mg/L	5	0.30	12/30/2019	NV00925
Sulfate	EPA 300.0	47	mg/L	1	1.5	1/2/2020	NV00925
Flow Injection Analyses							
Total Kjeldahl Nitrogen	EPA 351.2	1.7	mg/L	1	0.40	1/3/2020	NV00925
Trace Metals by ICP-OES							
Barium	EPA 200.7	0.36	mg/L	1	0.020	1/13/2020	NV00925
Boron	EPA 200.7	0.66	mg/L	1	0.10	1/13/2020	NV00925
Iron	EPA 200.7	64	mg/L	1	0.10	1/13/2020	NV00925
Manganese	EPA 200.7	1.7	mg/L	1	0.010	1/13/2020	NV00925
Trace Metals by ICP-MS							
Arsenic	EPA 200.8	0.14	mg/L	1	0.0050	1/3/2020	NV00925
Sample Preparation							
Trace Metals Digestion	EPA 200.2	Complete		1		12/31/2019	NV00925

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

Page 7 of 9

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 Lamaille Hwy
 Elko, Nevada 89801
 tel (775) 777-9933
 fax (775) 777-9933
 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

Western Environmental Testing Laboratory QC Report

QCBatchID	QCType	Parameter	Method	Result	Actual	% Rec	Units
QC19121297	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
QC19121300	Blank 1	Ammonia, as Nitrogen	SM 4500 NH3	ND			mg/L
QC19121301	Blank 1	Total Coliform (MPN)	SM 9223B (Qu	ND			MPN/100ml
		Escherichia Coli (MPN)	SM 9223B (Qu	ND			MPN/100ml
QC19121323	Blank 1	Total Phosphorous as P	SM 4500-P E	ND			mg/L
QC19121328	Blank 1	Total Suspended Solids (TSS)	SM 2540D	ND			mg/L
QC20010036	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	ND			mg/L
QC20010062	Blank 1	Total Kjeldahl Nitrogen	EPA 351.2	ND			mg/L
QC20010098	Blank 1	Arsenic	EPA 200.8	ND			mg/L
QC20010106	Blank 1	Biochemical Oxygen Demand	SM 5210B	ND			mg/L
QC20010433	Blank 1	Barium	EPA 200.7	ND			mg/L
		Boron	EPA 200.7	ND			mg/L
		Iron	EPA 200.7	ND			mg/L
		Manganese	EPA 200.7	ND			mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Rec	Units
QC19121297	LCS 1	Chloride	EPA 300.0	10.4	10.0	104	mg/L
		Nitrate Nitrogen	EPA 300.0	2.03	2.00	101	mg/L
		Nitrite Nitrogen	EPA 300.0	0.515	0.500	103	mg/L
		Sulfate	EPA 300.0	25.8	25.0	103	mg/L
QC19121300	LCS 1	Ammonia, as Nitrogen	SM 4500 NH3 D	0.936	1.00	94	mg/L
QC19121323	LCS 1	Total Phosphorous as P	SM 4500-P E	0.257	0.250	103	mg/L
QC19121328	LCS 1	Total Suspended Solids (TSS)	SM 2540D	196	200	98	mg/L
QC19121328	LCS 2	Total Suspended Solids (TSS)	SM 2540D	196	200	98	mg/L
QC20010036	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	145	150	97	mg/L
QC20010036	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	136	150	91	mg/L
QC20010062	LCS 1	Total Kjeldahl Nitrogen	EPA 351.2	0.980	1.00	98	mg/L
QC20010098	LCS 1	Arsenic	EPA 200.8	0.0442	0.050	88	mg/L
QC20010106	LCS 1	Biochemical Oxygen Demand	SM 5210B	212	198	107	mg/L
QC20010433	LCS 1	Barium	EPA 200.7	0.989	1.00	99	mg/L
		Boron	EPA 200.7	0.937	1.00	94	mg/L
		Iron	EPA 200.7	0.968	1.00	97	mg/L
		Manganese	EPA 200.7	0.976	1.00	98	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC19121328	Duplicate 1	Total Suspended Solids (TSS)	SM 2540D	19120806-001	24.0	27.0	mg/L	QD 12 %
QC20010036	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	19120806-001	724	792	mg/L	9 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS %Rec	MSD %Rec	RPD %
QC19121297	MS 1	Chloride	EPA 300.0	19120806-003	135	155	155	5	mg/L	80	79	<1
		Nitrate Nitrogen	EPA 300.0	19120806-003	ND	D 10.4	10.4	2	mg/L	103	103	<1
		Nitrite Nitrogen	EPA 300.0	19120806-003	ND	D 2.60	2.62	0.5	mg/L	104	105	<1
		Sulfate	EPA 300.0	19120806-003	118	164	163	10	mg/L	93	91	<1

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

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
fax (775) 777-9933
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	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS %Rec	MSD %Rec	RPD %
QC19121300	MS 1	Ammonia, as Nitrogen	SM 4500 NH3	19120784-001	0.145	1.04	1.04	1	mg/L	89	90	<1
QC19121323	MS 1	Total Phosphorous as P	SM 4500-P E	19120806-002	0.970	M 0.956	0.977	0.25	mg/L	NC	NC	NC
QC20010062	MS 1	Total Kjeldahl Nitrogen	EPA 351.2	19120781-001	ND	1.37	1.35	1	mg/L	99	97	2
QC20010062	MS 2	Total Kjeldahl Nitrogen	EPA 351.2	19120806-002	1.81	2.71	2.65	1	mg/L	90	84	2
QC20010098	MS 1	Arsenic	EPA 200.8	19120806-001	0.0246	0.0713	0.0691	0.05	mg/L	93	89	3
QC20010433	MS 1	Barium	EPA 200.7	19120806-001	0.067	1.02	1.01	1	mg/L	96	95	1
		Boron	EPA 200.7	19120806-001	0.291	1.23	1.23	1	mg/L	94	94	<1
		Iron	EPA 200.7	19120806-001	1.60	2.71	2.81	1	mg/L	110	121	4
		Manganese	EPA 200.7	19120806-001	0.112	1.07	1.07	1	mg/L	96	95	<1

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
 fax (775) 777-9933
 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



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. 1912 0806
Sparks Control # _____
Elko Control # _____
LV Control # _____
Report _____
Due Date _____
Page _____ of _____

Client **Washoe County Community Services Department**
Address **1001 E. 9th Street**
City, State & Zip **Reno, NV 89512**
Contact **Ben Jesch**
Phone **(775) 954-4626**
Fax **(775) 328-3699**
P.O. Number _____
Collector's Name Sheridan Walund
PWS/Project Name **Swan Lake**
PWS/Project Number _____

Turnaround Time Requirements

Standard _____
 5 Day* (25%) _____ 72 Hour* (50%) _____
 48 Hour* (100%) _____ 24 Hour* (200%) _____
 *Surcharges Will Apply

Samples Collected From Which State?
 NV CA
 Other

Report Results Via
 PDF EDD

Compliance Monitoring?
 Yes No

Report to Regulatory Agency?
 Yes No

Standard QC Required?
 Yes No

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

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
---------	-----------------	----------------	------------------	--------------------------	--------------------	-----------------------------------	-----------------	---------------	-----------	--------

SAMPLE ID/LOCATION	DATE	TIME	PRES TYPE *	**	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
Compton	12/30/19	0850	Misc.	SW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Pompe		0940	Misc	SW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Jean		0920	Misc	SW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Silver Lake		10:05	Misc	SW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Silver Lake DUP		10:05	Misc	SW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
White Lake Silver Lake DUP		10 45	Misc	SW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Silver Lake DUP															
Silver Lake DUP															
Silver Lake DUP															

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
6.3 °C	Y N None		12/30/19	1:22	Sheridan Walund	[Signature]
°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). _____ 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,