

Cherryville Water Stewards Sampling Results 2013

January 8th

General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek - Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek - N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg/L	(AO < 500)								
Chloride	0.1 mg/L	(AO <250)		1.69				0.14		0.15
Nitrogen, Nitrate+Nitrite as N	0.01 mg/L	-		0.061				0.074		<0.02
Nitrogen, Nitrate as N	0.01 mg/L	10		0.061				0.074		0.012
Nitrogen, Nitrite as N	0.01 mg/L	3.2		<0.01				<0.01		<0.01
Nitrogen, Total Kjeldahl	0.05 mg/L	-		0.12				0.15		0.11
Nitrogen, Total	0.05 mg/L	-		0.184				0.222		0.126
Phosphorus, Total	0.01 mg/L	-		<0.01				<0.01		<0.01
Phosphorus, Dissolved	0.01 mg/L	-		<0.01				<0.01		<0.01
pH	0.01 pH units	(AO= 6.5 - 8.5)								
Conductivity (EC)	2 uS/cm	-								
Turbidity	0.1 NTU	3		0.6				0.5		0.6
E. coli	1 CFU	0		2				<1		2
Temperature, Celsius	-	-		0.5				1		0.3
Oxygen, dissolved, mg/L & %	-	(5 minimum)		12.5 & 89.2				12.5 & 89.2		12.5 & 92.1

February 19th

General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek - Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek - N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg/L	(AO < 500)								
Chloride	0.1 mg/L	(AO <250)		1.9				0.1		0.14
Nitrogen, Nitrate+Nitrite as N	0.01 mg/L	-		0.035				0.06		<0.02
Nitrogen, Nitrate as N	0.01 mg/L	10		0.035				0.06		<0.01
Nitrogen, Nitrite as N	0.01 mg/L	3.2		<0.01				<0.01		<0.01
Nitrogen, Total Kjeldahl	0.05 mg/L	-		0.08				0.1		0.08
Nitrogen, Total	0.05 mg/L	-		0.117				0.16		0.08
Phosphorus, Total	0.01 mg/L	-		<0.01				<0.01		<0.01
Phosphorus, Dissolved	0.01 mg/L	-		<0.01				<0.01		<0.01
pH	0.01 pH units	(AO= 6.5 - 8.5)								
Conductivity (EC)	2 uS/cm	-								
Turbidity	0.1 NTU	3		0.4				0.3		0.3
E. coli	1 CFU	0		<1				2		<1
Temperature, Celsius	-	-		2.8				2.6		2
Oxygen, dissolved, mg/L & %	-	(5 minimum)		12.36 & 96.8				12.87 & 100.9		12.64 & 97.7

March 19th

General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek - Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek - N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg/L	(AO < 500)								
Chloride	0.1 mg/L	(AO <250)		1.79				<0.1		0.12
Nitrogen, Nitrate+Nitrite as N	0.01 mg/L	-		0.046				0.064		<0.02
Nitrogen, Nitrate as N	0.01 mg/L	10		0.046				0.064		<0.01
Nitrogen, Nitrite as N	0.01 mg/L	3.2		<0.01				<0.01		<0.01
Nitrogen, Total Kjeldahl	0.05 mg/L	-		0.12				0.08		0.12
Nitrogen, Total	0.05 mg/L	-		0.167				0.149		0.118
Phosphorus, Total	0.01 mg/L	-		<0.01				<0.01		<0.01
Phosphorus, Dissolved	0.01 mg/L	-		<0.01				<0.01		<0.01
pH	0.01 pH units	(AO= 6.5 - 8.5)								
Conductivity (EC)	2 uS/cm	-								
Turbidity	0.1 NTU	3		0.9				0.3		1.9
E. coli	1 CFU	0		<1				<1		<1
Temperature, Celsius	-	-		5.1				3.7		2.2
Oxygen, dissolved, mg/L & %	-	(5 minimum)		11.52 & 95				12.45 & 99.6		12.51 & 96

Legend

- Value is lower than MAC Limit
- Value is higher than RDL**
- Value is equal to Maximum Acceptable Concentration Limit**
- Value is higher than Maximum Acceptable Concentration Limit**
- Value is at least five times higher than Maximum Acceptable Concentration Limit**

Cherryville Water Stewards Sampling Results 2013

April 14th

General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek - Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek - N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg/L	(AO < 500)	11.7	11.7	12.1	14.4	8.5	3.7	5.3	5.5
Chloride	0.1 mg/L	(AO <250)	0.73	0.81	1.68	0.95	0.1	<0.1	1.24	0.13
Nitrogen, Nitrate+Nitrite as N	0.01 mg/L	-	<0.02	0.043	0.038	0.102	0.023	0.075	0.06	<0.02
Nitrogen, Nitrate as N	0.01 mg/L	10	<0.01	0.043	0.038	0.102	0.023	0.075	0.06	<0.01
Nitrogen, Nitrite as N	0.01 mg/L	3.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Total Kjeldahl	0.05 mg/L	-	0.22	0.12	0.16	0.16	0.12	0.07	0.2	0.1
Nitrogen, Total	0.05 mg/L	-	0.225	0.163	0.201	0.266	0.142	0.149	0.26	0.101
Phosphorus, Total	0.01 mg/L	-	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Phosphorus, Dissolved	0.01 mg/L	-	0.02	0.02	0.01	0.02	0.01	0.02	0.01	0.01
pH	0.01 pH units	(AO= 6.5 - 8.5)	8.07	8.14	8.17	8.13	7.91	7.7	7.86	7.99
Conductivity (EC)	2 uS/cm	-	185	209	217	245	155	70	102	127
Turbidity	0.1 NTU	3	2	2.9	2.8	4.6	1.1	0.7	1.3	2
E. coli	1 CFU	0	<1	1	<1	<1	<1	<1	2	1
Temperature, Celsius	-	-	3.6	3.7	5.3	3.8	4.3	4.5	4.7	3.1
Oxygen, dissolved, mg/L & %	-	(5 minimum)	12.39 & 98.8	12.39 & 99.2	11.94 & 100.2	11.76 & 97.1	11.54 & 96.3	12.16 & 100	11.98 & 98	12.22 & 97

May 26th

(See Heavy Metals Test)

General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek - Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek - N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg/L	(AO < 500)	4	7.3	7.6	8.4	5.6	2.7	4	2.6
Chloride	0.1 mg/L	(AO <250)	1.15	0.54	0.76	0.72	<0.1	<0.1	0.22	<0.1
Nitrogen, Nitrate+Nitrite as N	0.01 mg/L	-	<0.02	0.083	0.081	0.135	0.044	0.092	0.087	<0.02
Nitrogen, Nitrate as N	0.01 mg/L	10	<0.01	0.083	0.081	0.135	0.044	0.092	0.087	<0.1
Nitrogen, Nitrite as N	0.01 mg/L	3.2	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1
Nitrogen, Total Kjeldahl	0.05 mg/L	-	0.44	0.18	0.23	0.28	0.24	0.24	0.23	0.23
Nitrogen, Total	0.05 mg/L	-	0.441	0.264	0.309	0.417	0.284	0.337	0.32	0.232
Phosphorus, Total	0.01 mg/L	-	0.05	0.04	0.04	0.05	0.02	<0.01	0.02	0.04
Phosphorus, Dissolved	0.01 mg/L	-	0.01	0.01	0.01	0.01	0.01	<0.01	0.01	0.01
pH	0.01 pH units	(AO= 6.5 - 8.5)	7.44	7.25	7.6	7.5	7.31	7.28	7.54	6.82
Conductivity (EC)	2 uS/cm	-	72	141	144	154	104	54	78	100
Turbidity	0.1 NTU	3	6.7	20.4	17.7	19.5	6.3	1.5	8.5	12
E. coli	1 CFU	0	2	4	10	1	<1	6	3	<1
Temperature, Celsius	-	-	5.8	6.3	7	6.3	6	9.5	9.3	6
Oxygen, dissolved, mg/L & %	-	(5 minimum)	11.3 & 95.4	11.25 & 96.5	11.02 & 96.5	10.9 & 95.9	11.05 & 96.3	10.73 & 100	10.43 & 95.7	11.24 & 96

June 20th

General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek - Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek - N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg/L	(AO < 500)		5.4				2.5		4.1
Chloride	0.1 mg/L	(AO <250)		2.02				1.13		1.71
Nitrogen, Nitrate+Nitrite as N	0.01 mg/L	-		0.035				0.038		<0.01
Nitrogen, Nitrate as N	0.01 mg/L	10		0.035				0.038		<0.01
Nitrogen, Nitrite as N	0.01 mg/L	3.2		<0.01				<0.01		<0.01
Nitrogen, Total Kjeldahl	0.05 mg/L	-		0.22				0.1		0.16
Nitrogen, Total	0.05 mg/L	-		0.258				0.136		0.156
Phosphorus, Total	0.01 mg/L	-		0.07				0.01		0.17
Phosphorus, Dissolved	0.01 mg/L	-		0.07				0.01		<0.01
pH	0.01 pH units	(AO= 6.5 - 8.5)		7.94				7.64		8.04
Conductivity (EC)	2 uS/cm	-		126				50		141
Turbidity	0.1 NTU	3		24.4				0.9		31.5
E. coli	1 CFU	0		100				3		26
Temperature, Celsius	-	-		8.4				12.3		10
Oxygen, dissolved, mg/L & %	-	(5 minimum)		10.51 & 95.1				10 & 99.8		10.09 & 95.7

Legend

- Value is lower than MAC Limit
- Value is higher than RDL
- Value is equal to Maximum Acceptable Concentration Limit
- Value is higher than Maximum Acceptable Concentration Limit
- Value is at least five times higher than Maximum Acceptable Concentration Limit

Cherryville Water Stewards Sampling Results 2013

July 14th (See Heavy Metals Test)										
General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek- N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg/L	(AO < 500)	16.6	10.8	11.3	11.1	8.1	2.4	4.7	5.5
Chloride	0.1 mg/L	(AO <250)	0.57	0.98	1.12	1.15	<0.1	<0.1	0.33	<0.1
Nitrogen, Nitrate+Nitrite as N	0.01 mg/L	-	<0.01	<0.01	<0.01	0.019	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate as N	0.01 mg/L	10	<0.01	<0.01	<0.01	0.019	<0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrite as N	0.01 mg/L	3.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Total Kjeldahl	0.05 mg/L	-	0.34	0.09	0.17	0.35	0.41	0.38	0.42	0.38
Nitrogen, Total	0.05 mg/L	-	0.337	0.088	0.166	0.366	0.409	0.379	0.42	0.379
Phosphorus, Total	0.01 mg/L	-	0.03	0.04	0.03	0.06	0.02	0.08	0.15	0.01
Phosphorus, Dissolved	0.01 mg/L	-	0.03	0.04	0.03	<0.01	<0.01	0.02	0.04	<0.01
pH	0.01 pH units	(AO= 6.5 - 8.5)	8.23	8.14	8.16	8.11	7.98	7.65	7.85	8.15
Conductivity (EC)	2 uS/cm	-	258	204	205	201	148	52	96	184
Turbidity	0.1 NTU	3	0.4	4.3	4.2	6.9	1	0.7	1.5	0.9
E. coli	1 CFU	0	18	2	1	<1	3	<1	<1	4
Temperature, Celsius	-	-	11.3	10.8	12.4	10.7	11.9	16.1	15.7	10.5
Oxygen, dissolved, mg/L & %	-	(5 minimum)	10.05 & 96.8	10.16 & 96.9	9.71 & 96.9	9.80 & 96	9.54 & 96.9	9.10 & 98.2	9.07 & 96	10.06 & 96

August 18th										
General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek- N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg/L	(AO < 500)	21.6	14.8	14.8	14.9	11.2	2.9	5.5	7.6
Chloride	0.1 mg/L	(AO <250)	0.66	1.32	1.64	1.39	0.11	<0.1	0.38	0.14
Nitrogen, Nitrate+Nitrite as N	0.01 mg/L	-	<0.01	0.011	0.017	0.045	0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrate as N	0.01 mg/L	10	<0.01	0.011	0.017	0.045	0.01	<0.01	<0.01	<0.01
Nitrogen, Nitrite as N	0.01 mg/L	3.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Total Kjeldahl	0.05 mg/L	-	0.23	0.1	0.17	0.1	0.08	0.12	0.12	0.07
Nitrogen, Total	0.05 mg/L	-	0.228	0.11	0.188	0.149	0.085	0.115	0.123	0.071
Phosphorus, Total	0.01 mg/L	-	0.03	0.17	0.06	0.06	0.06	0.03	0.06	0.04
Phosphorus, Dissolved	0.01 mg/L	-	0.02	0.04	0.02	0.05	0.02	0.03	0.05	0.04
pH	0.01 pH units	(AO= 6.5 - 8.5)	8.35	8.17	8.24	8.16	8.07	7.52	7.93	8.02
Conductivity (EC)	2 uS/cm	-	316	248	253	240	196	60	108	224
Turbidity	0.1 NTU	3	0.3	0.7	0.7	1.5	0.3	0.3	0.4	0.4
E. coli	1 CFU	0	7	5	15	6	7	1	8	11
Temperature, Celsius	-	-	12.9	16.7	12.3	10.2	11.3	20.5	18.2	13.4
Oxygen, dissolved, mg/L & %	-	(5 minimum)	9.81 & 98.2	8.85 & 96.3	9.84 & 97.5	9.88 & 95.3	9.63 & 95	8.3 & 98	8.69 & 97	9.46 & 96.5

September 15th										
General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek- N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg/L	(AO < 500)	23	17	17.6	18	12.6	3.3	5.7	8.7
Chloride	0.1 mg/L	(AO <250)	0.69	1.52	2.08	1.53	0.12	<0.1	0.35	0.13
Nitrogen, Nitrate+Nitrite as N	0.01 mg/L	-	0.019	0.019	0.012	0.05	0.016	<0.01	<0.01	<0.01
Nitrogen, Nitrate as N	0.01 mg/L	10	0.019	0.019	0.012	0.05	0.016	<0.01	<0.01	<0.01
Nitrogen, Nitrite as N	0.01 mg/L	3.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Total Kjeldahl	0.05 mg/L	-	0.17	0.16	0.11	0.13	0.12	0.19	0.14	0.11
Nitrogen, Total	0.05 mg/L	-	0.193	0.174	0.126	0.176	0.139	0.188	0.135	0.114
Phosphorus, Total	0.01 mg/L	-	0.04	0.02	0.03	0.02	0.02	0.03	0.02	0.02
Phosphorus, Dissolved	0.01 mg/L	-	<0.01	<0.01	<0.01	0.02	0.01	0.01	<0.01	0.01
pH	0.01 pH units	(AO= 6.5 - 8.5)	8.27	8.26	8.38	8.22	8.16	7.83	7.97	8.27
Conductivity (EC)	2 uS/cm	-	314	269	272	266	209	64	104	244
Turbidity	0.1 NTU	3	0.2	0.6	2.2	2.1	0.3	0.3	0.4	0.4
E. coli	1 CFU	0	8	12	7	1	4	<1	4	4
Temperature, Celsius	-	-	12.6	12.8	15.1	12.3	12.5	19	18.2	13.3
Oxygen, dissolved, mg/L & %	-	(5 minimum)	9.81 & 97.8	9.6 & 96.3	9.29 & 99	9.18 & 94.1	9.35 & 95.9	8.50 & 98.1	8.54 & 95.8	9.50 & 97.1

Legend

- Value is lower than MAC Limit
- Value is higher than RDL
- Value is equal to Maximum Acceptable Concentration Limit
- Value is higher than Maximum Acceptable Concentration Limit
- Value is at least five times higher than Maximum Acceptable Concentration Limit

Cherryville Water Stewards Sampling Results 2013

October 17th

General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek - Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek - N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg\L	(AO < 500)								8.9
Chloride	0.1 mg\L	(AO <250)		1.23				<0.1		0.14
Nitrogen, Nitrate+Nitrite as N	0.01 mg\L	-		0.024				0.016		<0.01
Nitrogen, Nitrate as N	0.01 mg\L	10		0.024				0.016		<0.01
Nitrogen, Nitrite as N	0.01 mg\L	3.2		<0.01				<0.01		<0.01
Nitrogen, Total Kjeldahl	0.05 mg\L	-		0.05				0.13		0.1
Nitrogen, Total	0.05 mg\L	-		0.075				0.143		0.096
Phosphorus, Total	0.01 mg\L	-		0.01				0.01		0.03
Phosphorus, Dissolved	0.01 mg\L	-		0.01				<0.01		0.02
pH	0.01 pH units	(AO= 6.5 - 8.5)								8.11
Conductivity (EC)	2 uS\cm	-								238
Turbidity	0.1 NTU	3		0.4				0.3		0.5
E. coli	1 CFU	0		1				2		<1
Temperature, Celsius	-	-		5.6				9.9		6
Oxygen, dissolved, mg\L & %	-	(5 minimum)		11.5 & 95.4				10.47 & 97.1		11.34 & 95.8

November 17th

General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek - Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek - N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg\L	(AO < 500)	22.7	16.1	16.6	17.5	11.4	3.6	6.8	9.2
Chloride	0.1 mg\L	(AO <250)	0.79	1.4	2.09	1.31	0.14	<0.1	0.49	0.17
Nitrogen, Nitrate+Nitrite as N	0.01 mg\L	-	0.035	0.054	0.034	0.067	0.04	0.048	0.035	<0.01
Nitrogen, Nitrate as N	0.01 mg\L	10	0.035	0.054	0.034	0.067	0.04	0.048	0.035	<0.01
Nitrogen, Nitrite as N	0.01 mg\L	3.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrogen, Total Kjeldahl	0.05 mg\L	-	0.14	0.12	0.07	0.05	0.06	0.14	0.12	0.1
Nitrogen, Total	0.05 mg\L	-	0.177	0.179	0.1	0.12	0.105	0.93	0.158	0.099
Phosphorus, Total	0.01 mg\L	-	0.02	0.02	0.01	0.01	0.02	0.02	0.01	0.02
Phosphorus, Dissolved	0.01 mg\L	-	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
pH	0.01 pH units	(AO= 6.5 - 8.5)	8.19	8.04	8.14	8.03	7.87	7.67	7.83	8.06
Conductivity (EC)	2 uS\cm	-	289	249	255	250	180	67	115	220
Turbidity	0.1 NTU	3	0.2	0.4	0.4	0.4	0.2	0.3	0.3	1
E. coli	1 CFU	0	3	<1	1	1	<1	<1	<1	2
Temperature, Celsius	-	-	3.1	2.3	2.4	2.4	1.8	5.2	6.4	1.8
Oxygen, dissolved, mg\L & %	-	(5 minimum)	12.10 & 95.8	12.23 & 94.7	12.12 & 96.1	11.71 & 93.6	12.06 & 94.7	11.5 & 96.7	10.73 & 92.2	12.3 & 95

December 17th

General parameters	RDL	Mac Limit	Ferry Creek - Sugar Lk Rd	Cherry Creek - Sugar Lk Rd	Cherry Creek - at Hall	South Fork Cherry Creek - S Fork Road	North Fork Cherry Creek - N Fork Road	Shuswap River - Sihlis Road	Shuswap River - Picnic Site	Reiter Creek - Sihlis Rd
Sulfate	1.0 mg\L	(AO < 500)						3.9		9.5
Chloride	0.1 mg\L	(AO <250)			1.68			<0.1		0.15
Nitrogen, Nitrate+Nitrite as N	0.01 mg\L	-			0.091			0.073		0.03
Nitrogen, Nitrate as N	0.01 mg\L	10			0.091			0.073		0.03
Nitrogen, Nitrite as N	0.01 mg\L	3.2			<0.01			<0.01		<0.01
Nitrogen, Total Kjeldahl	0.05 mg\L	-			0.07			0.1		0.11
Nitrogen, Total	0.05 mg\L	-			0.163			0.175		0.143
Phosphorus, Total	0.01 mg\L	-			0.02			0.02		0.05
Phosphorus, Dissolved	0.01 mg\L	-			0.01			0.02		0.03
pH	0.01 pH units	(AO= 6.5 - 8.5)						7.68		8
Conductivity (EC)	2 uS\cm	-						71		225
Turbidity	0.1 NTU	3			0.7			0.3		0.5
E. coli	1 CFU	0			2			<1		2
Temperature, Celsius	-	-			0.3			2.9		1.7
Oxygen, dissolved, mg\L & %	-	(5 minimum)			12.84 & 93.2			11.93 & 93.8		12.35 & 93.8

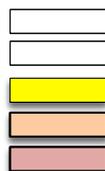
Legend

- Value is lower than MAC Limit
- Value is higher than RDL**
- Value is equal to Maximum Acceptable Concentration Limit**
- Value is higher than Maximum Acceptable Concentration Limit**
- Value is at least five times higher than Maximum Acceptable Concentration Limit**

April 14th

General parameters	RDL	Mac Limit	Ferry Creek FSR Water Source	Hwy 6 Gold Panner Water Source
Sulfate	1.0 mg\L	(AO < 500)	25.2	28.7
Chloride	0.1 mg\L	(AO <250)	0.3	0.3
Nitrogen, Nitrate+Nitrite as N	0.01 mg\L	-	0.05	<0.02
Nitrogen, Nitrate as N	0.01 mg\L	10	<0.01	<0.01
Nitrogen, Nitrite as N	0.01 mg\L	3.2	<0.01	<0.01
Nitrogen, Total Kjeldahl	0.05 mg\L	-	0.14	0.07
Nitrogen, Total	0.05 mg\L	-	0.19	0.073
Phosphorus, Total	0.01 mg\L	-	0.02	0.02
Phosphorus, Dissolved	0.01 mg\L	-	0.01	0.01
pH	0.01 pH units	AO= 6.5 - 8.5	7.98	8.27
Conductivity (EC)	2 uS\cm	-	389	360
Turbidity	0.1 NTU	3	<0.1	0.4
E. coli	1 CFU	0	<1	1
Temperature, Celsius	-	-	6.6	4.1
Oxygen, dissolved, mg\L & %	-	(5 minimum)	10.7 & 95.4	11.57 & 96.3

Legend



Value is lower than MAC Limit

Value is higher than RDL

Value is equal to Maximum Acceptable Concentration Limit

Value is higher than Maximum Acceptable Concentration Limit

Value is at least five times higher than Maximum Acceptable Concentration Limit