

APPENDIX 6

Water Monitoring Stations Analytical Results



North Country Gold Corp.
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Date Received: 15-AUG-15
Report Date: 02-SEP-15 14:56 (MT)
Version: FINAL

Client Phone: 780-437-6624

Certificate of Analysis

Lab Work Order #: L1658392

Project P.O. #: NOT SUBMITTED

Job Reference: HAYES CAMP CRA 1,2,3/BULLION CAMP

C of C Numbers:

Legal Site Desc:

Hua Wo
Chemistry Laboratory Manager

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ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1658392-1 15 CRA - 1 WATER SAMPLE - HAYES CAMP - STATION 1 Sampled By: SR/BA on 14-AUG-15 @ 07:00 Matrix: Water							
Miscellaneous Parameters							
Biochemical Oxygen Demand	<2.0		2.0	mg/L		15-AUG-15	R3251180
Chlorine, Free	<0.10	USC	0.10	mg/L		19-AUG-15	R3249883
Chlorine, Total	<0.10	USC	0.10	mg/L		15-AUG-15	R3248599
Conductivity	9.5		1.0	umhos/cm		31-AUG-15	R3257924
Fecal Coliforms	<3	MBHT	3	MPN/100mL		15-AUG-15	R3250008
Mercury (Hg)-Total	<0.000020		0.000020	mg/L	18-AUG-15	18-AUG-15	R3250521
Oil & Grease-(IR)	<1.0		1.0	mg/L		27-AUG-15	R3255703
Total Suspended Solids	<5.0		5.0	mg/L		20-AUG-15	R3250835
pH	6.33		0.10	pH units		31-AUG-15	R3257924
Total Metals by ICP-MS							
Aluminum (Al)-Total	0.0152		0.0050	mg/L	20-AUG-15	23-AUG-15	R3252008
Antimony (Sb)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Arsenic (As)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Barium (Ba)-Total	0.00242		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Beryllium (Be)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Bismuth (Bi)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Boron (B)-Total	<0.010		0.010	mg/L	20-AUG-15	23-AUG-15	R3252008
Cadmium (Cd)-Total	<0.000010		0.000010	mg/L	20-AUG-15	23-AUG-15	R3252008
Calcium (Ca)-Total	0.69		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Cesium (Cs)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Chromium (Cr)-Total	<0.0010		0.0010	mg/L	20-AUG-15	23-AUG-15	R3252008
Cobalt (Co)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Copper (Cu)-Total	0.00044		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Iron (Fe)-Total	<0.10		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Lead (Pb)-Total	<0.000090		0.000090	mg/L	20-AUG-15	23-AUG-15	R3252008
Lithium (Li)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Magnesium (Mg)-Total	0.248		0.010	mg/L	20-AUG-15	23-AUG-15	R3252008
Manganese (Mn)-Total	0.00346		0.00030	mg/L	20-AUG-15	23-AUG-15	R3252008
Molybdenum (Mo)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Nickel (Ni)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Phosphorus (P)-Total	<0.10		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Potassium (K)-Total	0.335		0.020	mg/L	20-AUG-15	23-AUG-15	R3252008
Rubidium (Rb)-Total	0.00100		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Selenium (Se)-Total	<0.0010		0.0010	mg/L	20-AUG-15	23-AUG-15	R3252008
Silicon (Si)-Total	0.38		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Silver (Ag)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Sodium (Na)-Total	0.415		0.030	mg/L	20-AUG-15	23-AUG-15	R3252008
Strontium (Sr)-Total	0.00417		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Tellurium (Te)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Thallium (Tl)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Thorium (Th)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Tin (Sn)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Titanium (Ti)-Total	<0.00050		0.00050	mg/L	20-AUG-15	23-AUG-15	R3252008
Tungsten (W)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Uranium (U)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Vanadium (V)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Zinc (Zn)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Zirconium (Zr)-Total	<0.00040		0.00040	mg/L	20-AUG-15	23-AUG-15	R3252008

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1658392-2 15 CRA - 2 WATER SAMPLE - HAYES CAMP - STATION 2 Sampled By: SR/BA on 14-AUG-15 @ 07:00 Matrix: Water							
Miscellaneous Parameters							
Biochemical Oxygen Demand	<2.0		2.0	mg/L		15-AUG-15	R3251180
Chlorine, Free	<0.10	USC	0.10	mg/L		19-AUG-15	R3249883
Chlorine, Total	<0.10	USC	0.10	mg/L		15-AUG-15	R3248599
Conductivity	9.2		1.0	umhos/cm		31-AUG-15	R3257924
Fecal Coliforms	<3	MBHT	3	MPN/100mL		15-AUG-15	R3250008
Mercury (Hg)-Total	<0.000020		0.000020	mg/L	18-AUG-15	18-AUG-15	R3250521
Oil & Grease-(IR)	<1.0		1.0	mg/L		27-AUG-15	R3255703
Total Suspended Solids	<5.0		5.0	mg/L		20-AUG-15	R3250835
pH	6.35		0.10	pH units		31-AUG-15	R3257924
Total Metals by ICP-MS							
Aluminum (Al)-Total	0.0134		0.0050	mg/L	20-AUG-15	23-AUG-15	R3252008
Antimony (Sb)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Arsenic (As)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Barium (Ba)-Total	0.00249		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Beryllium (Be)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Bismuth (Bi)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Boron (B)-Total	<0.010		0.010	mg/L	20-AUG-15	23-AUG-15	R3252008
Cadmium (Cd)-Total	<0.000010		0.000010	mg/L	20-AUG-15	23-AUG-15	R3252008
Calcium (Ca)-Total	0.75		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Cesium (Cs)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Chromium (Cr)-Total	<0.0010		0.0010	mg/L	20-AUG-15	23-AUG-15	R3252008
Cobalt (Co)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Copper (Cu)-Total	0.00045		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Iron (Fe)-Total	<0.10		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Lead (Pb)-Total	<0.000090		0.000090	mg/L	20-AUG-15	23-AUG-15	R3252008
Lithium (Li)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Magnesium (Mg)-Total	0.268		0.010	mg/L	20-AUG-15	23-AUG-15	R3252008
Manganese (Mn)-Total	0.00519		0.00030	mg/L	20-AUG-15	23-AUG-15	R3252008
Molybdenum (Mo)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Nickel (Ni)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Phosphorus (P)-Total	<0.10		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Potassium (K)-Total	0.340		0.020	mg/L	20-AUG-15	23-AUG-15	R3252008
Rubidium (Rb)-Total	0.00101		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Selenium (Se)-Total	<0.0010		0.0010	mg/L	20-AUG-15	23-AUG-15	R3252008
Silicon (Si)-Total	0.37		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Silver (Ag)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Sodium (Na)-Total	0.421		0.030	mg/L	20-AUG-15	23-AUG-15	R3252008
Strontium (Sr)-Total	0.00432		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Tellurium (Te)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Thallium (Tl)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Thorium (Th)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Tin (Sn)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Titanium (Ti)-Total	<0.00050		0.00050	mg/L	20-AUG-15	23-AUG-15	R3252008
Tungsten (W)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Uranium (U)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Vanadium (V)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Zinc (Zn)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Zirconium (Zr)-Total	<0.00040		0.00040	mg/L	20-AUG-15	23-AUG-15	R3252008

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1658392-3 15 CRA - 3 WATER SAMPLE - HAYES CAMP - STATION 3 Sampled By: SR/BA on 14-AUG-15 @ 07:00 Matrix: Water							
Miscellaneous Parameters							
Biochemical Oxygen Demand	<2.0		2.0	mg/L		15-AUG-15	R3251180
Chlorine, Free	<0.10	USC	0.10	mg/L		19-AUG-15	R3249883
Chlorine, Total	<0.10	USC	0.10	mg/L		15-AUG-15	R3248599
Conductivity	8.8		1.0	umhos/cm		31-AUG-15	R3257924
Fecal Coliforms	<3	MBHT	3	MPN/100mL		15-AUG-15	R3250008
Mercury (Hg)-Total	<0.000020		0.000020	mg/L	18-AUG-15	18-AUG-15	R3250521
Oil & Grease-(IR)	<1.0		1.0	mg/L		27-AUG-15	R3255703
Total Suspended Solids	<5.0		5.0	mg/L		20-AUG-15	R3250835
pH	6.36		0.10	pH units		31-AUG-15	R3257924
Total Metals by ICP-MS							
Aluminum (Al)-Total	0.0147		0.0050	mg/L	20-AUG-15	23-AUG-15	R3252008
Antimony (Sb)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Arsenic (As)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Barium (Ba)-Total	0.00241		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Beryllium (Be)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Bismuth (Bi)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Boron (B)-Total	<0.010		0.010	mg/L	20-AUG-15	23-AUG-15	R3252008
Cadmium (Cd)-Total	<0.000010		0.000010	mg/L	20-AUG-15	23-AUG-15	R3252008
Calcium (Ca)-Total	0.72		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Cesium (Cs)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Chromium (Cr)-Total	<0.0010		0.0010	mg/L	20-AUG-15	23-AUG-15	R3252008
Cobalt (Co)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Copper (Cu)-Total	0.00046		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Iron (Fe)-Total	<0.10		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Lead (Pb)-Total	<0.000090		0.000090	mg/L	20-AUG-15	23-AUG-15	R3252008
Lithium (Li)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Magnesium (Mg)-Total	0.256		0.010	mg/L	20-AUG-15	23-AUG-15	R3252008
Manganese (Mn)-Total	0.00327		0.00030	mg/L	20-AUG-15	23-AUG-15	R3252008
Molybdenum (Mo)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Nickel (Ni)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Phosphorus (P)-Total	<0.10		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Potassium (K)-Total	0.344		0.020	mg/L	20-AUG-15	23-AUG-15	R3252008
Rubidium (Rb)-Total	0.00102		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Selenium (Se)-Total	<0.0010		0.0010	mg/L	20-AUG-15	23-AUG-15	R3252008
Silicon (Si)-Total	0.37		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Silver (Ag)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Sodium (Na)-Total	0.416		0.030	mg/L	20-AUG-15	23-AUG-15	R3252008
Strontium (Sr)-Total	0.00433		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Tellurium (Te)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Thallium (Tl)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Thorium (Th)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Tin (Sn)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Titanium (Ti)-Total	0.00051		0.00050	mg/L	20-AUG-15	23-AUG-15	R3252008
Tungsten (W)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Uranium (U)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Vanadium (V)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Zinc (Zn)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Zirconium (Zr)-Total	<0.00040		0.00040	mg/L	20-AUG-15	23-AUG-15	R3252008

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1658392-4 15 BCW - WATER SAMPLE - BULLION CAMP Sampled By: SR/BA on 14-AUG-15 @ 07:00 Matrix: Water							
Miscellaneous Parameters							
Biochemical Oxygen Demand	<2.0		2.0	mg/L		15-AUG-15	R3251180
Chlorine, Free	<0.10	USC	0.10	mg/L		19-AUG-15	R3249883
Chlorine, Total	<0.10	USC	0.10	mg/L		15-AUG-15	R3248599
Conductivity	4.8		1.0	umhos/cm		31-AUG-15	R3257924
Fecal Coliforms	<3	MBHT	3	MPN/100mL		15-AUG-15	R3250008
Mercury (Hg)-Total	<0.000020		0.000020	mg/L	18-AUG-15	18-AUG-15	R3250521
Oil & Grease-(IR)	<1.0		1.0	mg/L		27-AUG-15	R3255703
Total Suspended Solids	<5.0		5.0	mg/L		20-AUG-15	R3250835
pH	6.25		0.10	pH units		31-AUG-15	R3257924
Total Metals by ICP-MS							
Aluminum (Al)-Total	0.0075		0.0050	mg/L	20-AUG-15	23-AUG-15	R3252008
Antimony (Sb)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Arsenic (As)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Barium (Ba)-Total	0.00137		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Beryllium (Be)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Bismuth (Bi)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Boron (B)-Total	<0.010		0.010	mg/L	20-AUG-15	23-AUG-15	R3252008
Cadmium (Cd)-Total	<0.000010		0.000010	mg/L	20-AUG-15	23-AUG-15	R3252008
Calcium (Ca)-Total	0.41		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Cesium (Cs)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Chromium (Cr)-Total	<0.0010		0.0010	mg/L	20-AUG-15	23-AUG-15	R3252008
Cobalt (Co)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Copper (Cu)-Total	0.00021		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Iron (Fe)-Total	<0.10		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Lead (Pb)-Total	<0.000090		0.000090	mg/L	20-AUG-15	23-AUG-15	R3252008
Lithium (Li)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Magnesium (Mg)-Total	0.118		0.010	mg/L	20-AUG-15	23-AUG-15	R3252008
Manganese (Mn)-Total	0.00075		0.00030	mg/L	20-AUG-15	23-AUG-15	R3252008
Molybdenum (Mo)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Nickel (Ni)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Phosphorus (P)-Total	<0.10		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Potassium (K)-Total	0.146		0.020	mg/L	20-AUG-15	23-AUG-15	R3252008
Rubidium (Rb)-Total	0.00037		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Selenium (Se)-Total	<0.0010		0.0010	mg/L	20-AUG-15	23-AUG-15	R3252008
Silicon (Si)-Total	0.14		0.10	mg/L	20-AUG-15	23-AUG-15	R3252008
Silver (Ag)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Sodium (Na)-Total	0.326		0.030	mg/L	20-AUG-15	23-AUG-15	R3252008
Strontium (Sr)-Total	0.00251		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Tellurium (Te)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Thallium (Tl)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Thorium (Th)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Tin (Sn)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Titanium (Ti)-Total	<0.00050		0.00050	mg/L	20-AUG-15	23-AUG-15	R3252008
Tungsten (W)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Uranium (U)-Total	<0.00010		0.00010	mg/L	20-AUG-15	23-AUG-15	R3252008
Vanadium (V)-Total	<0.00020		0.00020	mg/L	20-AUG-15	23-AUG-15	R3252008
Zinc (Zn)-Total	<0.0020		0.0020	mg/L	20-AUG-15	23-AUG-15	R3252008
Zirconium (Zr)-Total	<0.00040		0.00040	mg/L	20-AUG-15	23-AUG-15	R3252008

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Sample Parameter Qualifier Key:

Qualifier	Description
DLA	Detection Limit adjusted for required dilution
MBHT	The APHA 30 hour hold time was exceeded for microbiological testing. Samples processed within 48 hours from time of sampling may be valid in some cases (refer to Health Canada guidance).
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.
USC	Unknown Sample Container. Sample received in container not provided by ALS. Container type appears to be appropriate, but ALS cannot verify its cleanliness or overall suitability for this test.

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
BOD-WP	Water	Biochemical Oxygen Demand (BOD)	APHA 5210 B
Samples are diluted and seeded and then incubated in airtight bottles at 20°C for 5 days. Dissolved oxygen is measured initially and after incubation, and results are computed from the difference between initial and final DO.			
CL2-FREE-WP	Water	Chlorine, Free	APHA 4500-Cl G (modified)
Free chlorine in aqueous matrices is analyzed by colour disc test kit using the DPD colourimetric method.			
CL2-TOTAL-WP	Water	Chlorine, Total	APHA 4500-Cl G (modified)
Total chlorine in aqueous matrices is analyzed by colour disc test kit using the DPD colourimetric method.			
EC-WP	Water	Conductivity	APHA 2510B
Conductivity of an aqueous solution refers to its ability to carry an electric current. Conductance of a solution is measured between two spatially fixed and chemically inert electrodes.			
FC-MPN-WP	Water	Fecal Coliform	APHA 9221E
The Most Probable Number (MPN) method is based on the Multiple Tube Fermentation technique. The results of examination of replicate tubes and dilutions of a sample are reported after confirmations specific to total coliform, fecal coliform and E. coli are performed. Results are reported in MPN/100 mL for water and MPN/gram for food and solid samples.			
HG-T-CVAF-WP	Water	Mercury Total	EPA245.7 V2.0
Mercury in filtered and unfiltered waters is oxidized with Bromine monochloride and analyzed by cold-vapour atomic fluorescence spectrometry.			
MET-T-L-MS-WP	Water	Total Metals by ICP-MS	APHA 3030E/EPA 6020A-TL
This analysis involves preliminary sample treatment by hotblock acid digestion (APHA 3030E). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method 6020A).			
OGG-IR-ED	Water	Oil & Grease-(IR)	APHA 5520 C-Liq-Liq Extraction Infrared
PH-WP	Water	pH	APHA 4500H
The pH of a sample is the determination of the activity of the hydrogen ions by potentiometric measurement using a standard hydrogen electrode and a reference electrode.			
SOLIDS-TOTSUS-WP	Water	Total Suspended Solids	APHA 2540 D (modified)
Total suspended solids in aqueous matrices is determined gravimetrically after drying the residue at 103 to 105°C.			

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location
WP	ALS ENVIRONMENTAL - WINNIPEG, MANITOBA, CANADA

Chain of Custody Numbers:

Reference Information

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
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GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

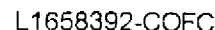
mg/kg - milligrams per kilogram based on dry weight of sample
mg/kg ww - milligrams per kilogram based on wet weight of sample
mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight
mg/L - unit of concentration based on volume, parts per million.

< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.



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Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.