

Bureau Veritas Job Number: C180276
 Report Date: 2021/10/27

District of Ucluelet
 Client Project #: Drinking Water package

DRINKING WATER PACKAGE (REGULATED)

Bureau Veritas ID					AIR139	AIR140
Sampling Date					2021-10-20 13:45	2021-10-20 14:00
COC Number					631238-01-01	631238-01-01
	UNITS	MAC	AO	OG	LYCHE BUILDING	MATTERSON DR
ANIONS						
Nitrite (N)	mg/L	1	-	-	<0.0050	<0.0050
Calculated Parameters						
Total Hardness (CaCO3)	mg/L	-	-	-	21.8	21.9
Nitrate (N)	mg/L	10	-	-	0.037	0.034
Misc. Inorganics						
Conductivity	uS/cm	-	-	-	77	77
pH	pH	-	-	7.0:10.5	7.20	7.33
Total Dissolved Solids	mg/L	-	500	-	62	80
Anions						
Alkalinity (PP as CaCO3)	mg/L	-	-	-	<1.0	<1.0
Alkalinity (Total as CaCO3)	mg/L	-	-	-	23	23
Bicarbonate (HCO3)	mg/L	-	-	-	28	28
Carbonate (CO3)	mg/L	-	-	-	<1.0	<1.0
Dissolved Fluoride (F)	mg/L	1.5	-	-	<0.050	<0.050
Hydroxide (OH)	mg/L	-	-	-	<1.0	<1.0
Dissolved Chloride (Cl)	mg/L	-	250	-	10	10
Dissolved Sulphate (SO4)	mg/L	-	500	-	2.1	2.1
MISCELLANEOUS						
True Colour	Col. Unit	-	15	-	<5.0	<5.0
Nutrients						
Nitrate plus Nitrite (N)	mg/L	-	-	-	0.037	0.034
Physical Properties						
Turbidity	NTU	see remark	see remark	see remark	0.50	0.43
Elements						
Total Mercury (Hg)	ug/L	1	-	-	0.0040	0.0040
Total Metals by ICPMS						
Total Aluminum (Al)	ug/L	2900	-	100	4.8	3.7
Total Antimony (Sb)	ug/L	6	-	-	<0.50	<0.50
Total Arsenic (As)	ug/L	10	-	-	0.14	0.13
Total Barium (Ba)	ug/L	2000	-	-	<1.0	<1.0
Total Boron (B)	ug/L	5000	-	-	<50	<50
Total Cadmium (Cd)	ug/L	7	-	-	0.011	<0.010
Total Chromium (Cr)	ug/L	50	-	-	<1.0	<1.0
Total Cobalt (Co)	ug/L	-	-	-	<0.20	<0.20
Total Copper (Cu)	ug/L	2000	1000	-	41.9	2.08

Total Iron (Fe)	ug/L	-	300	-	63.0	67.0
Total Lead (Pb)	ug/L	5	-	-	<0.20	<0.20
Total Manganese (Mn)	ug/L	120	20	-	48.4	42.7
Total Molybdenum (Mo)	ug/L	-	-	-	<1.0	<1.0
Total Nickel (Ni)	ug/L	-	-	-	<1.0	<1.0
Total Selenium (Se)	ug/L	50	-	-	<0.10	<0.10
Total Silicon (Si)	ug/L	-	-	-	5540	5620
Total Silver (Ag)	ug/L	-	-	-	<0.020	<0.020
Total Strontium (Sr)	ug/L	7000	-	-	18.0	18.4
Total Uranium (U)	ug/L	20	-	-	<0.10	<0.10
Total Vanadium (V)	ug/L	-	-	-	<5.0	<5.0
Total Zinc (Zn)	ug/L	-	5000	-	<5.0	<5.0
Total Calcium (Ca)	mg/L	-	-	-	6.70	6.70
Total Magnesium (Mg)	mg/L	-	-	-	1.23	1.26
Total Potassium (K)	mg/L	-	-	-	0.238	0.249
Total Sodium (Na)	mg/L	-	200	-	5.89	6.31
Total Sulphur (S)	mg/L	-	-	-	<3.0	<3.0
Microbiological Param.						
Total Coliforms	CFU/100mL	0	-	-	0	0
E. coli	CFU/100mL	0	-	-	0	0

No Fill

No Exceedance

Grey

Exceeds 1 criteria policy/level

Black

Exceeds both criteria/levels

RDL = Reportable Detection Limit

N/A = Not Applicable

Results relate only to the items tested.

RDL	QC Batch
0.0050	A399021
0.50	A395829
0.020	A396017
2.0	A404241
N/A	A404234
10	A401889
1.0	A404238
1.0	A404238
1.0	A404238
1.0	A404238
0.050	A400386
1.0	A404238
1.0	A403984
1.0	A403984
5.0	A398743
0.020	A399019
0.10	A399103
0.0019	A400383
3.0	A400702
0.50	A400702
0.10	A400702
1.0	A400702
50	A400702
0.010	A400702
1.0	A400702
0.20	A400702
0.20	A400702

5.0	A400702
0.20	A400702
1.0	A400702
1.0	A400702
1.0	A400702
0.10	A400702
100	A400702
0.020	A400702
1.0	A400702
0.10	A400702
5.0	A400702
5.0	A400702
0.050	A396016
0.050	A396016
0.050	A396016
0.050	A396016
3.0	A396016
N/A	A399115
N/A	A399115