

District of Ucluelet

BV Labs Job Number: C151819

Report Date: 2021/07/27

DRINKING WATER PACKAGE (REGULATED)

BV Labs ID					ACE242	ACE243
Sampling Date					2021-07-20 13:45	2021-07-20 14:00
COC Number					630410-02-01	630410-02-01
	UNITS	MAC	AO	OG	LYCHE BUILDING	BATTERSON DR.
ANIONS						
Nitrite (N)	mg/L	1	-	-	<0.0050	<0.0050
Calculated Parameters						
Total Hardness (CaCO ₃)	mg/L	-	-	-	22.4	21.9
Nitrate (N)	mg/L	10	-	-	0.111	0.106
Misc. Inorganics						
Conductivity	uS/cm	-	-	-	82	81
pH	pH	-	-	7.0:10.5	6.68	6.78
Total Dissolved Solids	mg/L	-	500	-	74	62
Anions						
Alkalinity (PP as CaCO ₃)	mg/L	-	-	-	<1.0	<1.0
Alkalinity (Total as CaCO ₃)	mg/L	-	-	-	22	23
Bicarbonate (HCO ₃)	mg/L	-	-	-	27	27
Carbonate (CO ₃)	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	-	9.7	10
Dissolved Sulphate (SO ₄)	mg/L	-	500	-	2.0	2.3
MISCELLANEOUS						
True Colour	Col. Unit	-	15	-	<5.0	<5.0
Nutrients						
Nitrate plus Nitrite (N)	mg/L	-	-	-	0.111	0.106
Physical Properties						
Turbidity	NTU	see remark	see remark	see remark	0.63	0.18
Elements						
Total Mercury (Hg)	ug/L	1	-	-	0.0048	0.0037
Total Metals by ICPMS						
Total Aluminum (Al)	ug/L	-	-	100	20.1	<3.0
Total Antimony (Sb)	ug/L	6	-	-	<0.50	<0.50
Total Arsenic (As)	ug/L	10	-	-	0.13	<0.10
Total Barium (Ba)	ug/L	2000	-	-	2.4	1.4
Total Boron (B)	ug/L	5000	-	-	<50	<50
Total Cadmium (Cd)	ug/L	7	-	-	0.074	<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	-	134	2.63

Total Iron (Fe)	ug/L	-	300	-	23.2	10.8
Total Lead (Pb)	ug/L	5	-	-	<0.20	<0.20
Total Manganese (Mn)	ug/L	120	20	-	250	12.4
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	-	-	-	4900	4790
Total Silver (Ag)	ug/L	-	-	-	<0.020	<0.020
Total Strontium (Sr)	ug/L	7000	-	-	18.7	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	-	8.7	<5.0
Total Calcium (Ca)	mg/L	-	-	-	6.64	6.57
Total Magnesium (Mg)	mg/L	-	-	-	1.41	1.33
Total Potassium (K)	mg/L	-	-	-	0.240	0.248
Total Sodium (Na)	mg/L	-	200	-	5.69	5.89
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	A293661
0.50	A293162
0.020	A293422
2.0	A295990
N/A	A295209
10	A298773
1.0	A295213
1.0	A295213
1.0	A295213
1.0	A295213
0.050	A294937
1.0	A295213
1.0	A298388
1.0	A298388
5.0	A293711
0.020	A293659
0.10	A293835
0.0019	A294495
3.0	A293691
0.50	A293691
0.10	A293691
1.0	A293691
50	A293691
0.010	A293691
1.0	A293691
0.20	A293691
0.20	A293691

5.0	A293691
0.20	A293691
1.0	A293691
1.0	A293691
1.0	A293691
0.10	A293691
100	A293691
0.020	A293691
1.0	A293691
0.10	A293691
5.0	A293691
5.0	A293691
0.050	A293421
0.050	A293421
0.050	A293421
0.050	A293421
3.0	A293421
N/A	A293904
N/A	A293904