

Mill Bay Water District

BV Labs Job Number: C122402

Report Date: 2021/04/14

**DRINKING WATER PACKAGE (REGULATED)**

BV Labs ID					ZP0174
Sampling Date					2021/04/08 10:30
COC Number					WI026289
	<b>UNITS</b>	<b>Maximum Acceptable Concentration</b>	<b>Aesthetic Objectives</b>	<b>Operational Guidance Values</b>	<b>WELL 15603</b>
<b>ANIONS</b>					
Nitrite (N)	mg/L	1	-	-	<0.0050
<b>Calculated Parameters</b>					
Total Hardness (CaCO3)	mg/L	-	-	-	71.0
Nitrate (N)	mg/L	10	-	-	<0.020
<b>Misc. Inorganics</b>					
Conductivity	uS/cm	-	-	-	200
pH	pH	-	-	7.0:10.5	8.05
Total Dissolved Solids	mg/L	-	-	-	120
<b>Anions</b>					
Alkalinity (PP as CaCO3)	mg/L	-	-	-	<1.0
Alkalinity (Total as CaCO3)	mg/L	-	-	-	83
Bicarbonate (HCO3)	mg/L	-	-	-	100
Carbonate (CO3)	mg/L	-	-	-	<1.0
Dissolved Fluoride (F)	mg/L	1.5	-	-	0.095
Hydroxide (OH)	mg/L	-	-	-	<1.0
Dissolved Chloride (Cl)	mg/L	-	250	-	3.6
Dissolved Sulphate (SO4)	mg/L	-	500	-	8.5
<b>MISCELLANEOUS</b>					
True Colour	Col. Unit	-	15	-	<5.0
<b>Nutrients</b>					
Nitrate plus Nitrite (N)	mg/L	-	-	-	<0.020
<b>Physical Properties</b>					
Turbidity	NTU	see remark	see remark	see remark	<0.10
<b>Elements</b>					
Total Mercury (Hg)	ug/L	1	-	-	<0.0019
<b>Total Metals by ICPMS</b>					
Total Aluminum (Al)	ug/L	-	-	100	3.4
Total Antimony (Sb)	ug/L	6	-	-	<0.50
Total Arsenic (As)	ug/L	10	-	-	0.41
Total Barium (Ba)	ug/L	2000	-	-	3.5
Total Boron (B)	ug/L	5000	-	-	<50
Total Cadmium (Cd)	ug/L	7	-	-	<0.010

Total Chromium (Cr)	ug/L	50	-	-	<1.0
Total Cobalt (Co)	ug/L	-	-	-	<0.20
Total Copper (Cu)	ug/L	2000	1000	-	1.57
Total Iron (Fe)	ug/L	-	300	-	<5.0
Total Lead (Pb)	ug/L	5	-	-	<0.20
Total Manganese (Mn)	ug/L	120	20	-	14.2
Total Molybdenum (Mo)	ug/L	-	-	-	2.6
Total Nickel (Ni)	ug/L	-	-	-	<1.0
Total Selenium (Se)	ug/L	50	-	-	<0.10
Total Silicon (Si)	ug/L	-	-	-	8460
Total Silver (Ag)	ug/L	-	-	-	<0.020
Total Strontium (Sr)	ug/L	7000	-	-	290
Total Uranium (U)	ug/L	20	-	-	0.70
Total Vanadium (V)	ug/L	-	-	-	<5.0
Total Zinc (Zn)	ug/L	-	5000	-	<5.0
Total Calcium (Ca)	mg/L	-	-	-	22.4
Total Magnesium (Mg)	mg/L	-	-	-	3.63
Total Potassium (K)	mg/L	-	-	-	0.060
Total Sodium (Na)	mg/L	-	200	-	11.1
Total Sulphur (S)	mg/L	-	-	-	<3.0
<b>Microbiological Param.</b>					
Total Coliforms	CFU/100mL	0	-	-	0
E. coli	CFU/100mL	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.**