

Mill Bay Water District

BV Labs Job Number: C122402

Report Date: 2021/04/14

DRINKING WATER PACKAGE (REGULATED)

BV Labs ID					ZP0176
Sampling Date					2021/04/08 08:30
COC Number					WI026289
	UNITS	Maximum Acceptable Concentration	Aesthetic Objectives	Operational Guidance Values	BLENDING TANK
ANIONS					
Nitrite (N)	mg/L	1	-	-	<0.0050
Calculated Parameters					
Total Hardness (CaCO3)	mg/L	-	-	-	106
Nitrate (N)	mg/L	10	-	-	1.33
Misc. Inorganics					
Conductivity	uS/cm	-	-	-	280
pH	pH	-	-	7.0:10.5	7.58
Total Dissolved Solids	mg/L	-	-	-	150
Anions					
Alkalinity (PP as CaCO3)	mg/L	-	-	-	<1.0
Alkalinity (Total as CaCO3)	mg/L	-	-	-	100
Bicarbonate (HCO3)	mg/L	-	-	-	130
Carbonate (CO3)	mg/L	-	-	-	<1.0
Dissolved Fluoride (F)	mg/L	1.5	-	-	0.072
Hydroxide (OH)	mg/L	-	-	-	<1.0
Dissolved Chloride (Cl)	mg/L	-	250	-	13
Dissolved Sulphate (SO4)	mg/L	-	500	-	11
MISCELLANEOUS					
True Colour	Col. Unit	-	15	-	<5.0
Nutrients					
Nitrate plus Nitrite (N)	mg/L	-	-	-	1.33
Physical Properties					
Turbidity	NTU	see remark	see remark	see remark	0.15
Elements					
Total Mercury (Hg)	ug/L	1	-	-	<0.0019
Total Metals by ICPMS					
Total Aluminum (Al)	ug/L	-	-	100	<3.0
Total Antimony (Sb)	ug/L	6	-	-	<0.50
Total Arsenic (As)	ug/L	10	-	-	0.29
Total Barium (Ba)	ug/L	2000	-	-	9.5
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	-	83.2
Total Iron (Fe)	ug/L	-	300	-	30.1
Total Lead (Pb)	ug/L	5	-	-	0.87
Total Manganese (Mn)	ug/L	120	20	-	34.7
Total Molybdenum (Mo)	ug/L	-	-	-	<1.0
Total Nickel (Ni)	ug/L	-	-	-	<1.0
Total Selenium (Se)	ug/L	50	-	-	<0.10
Total Silicon (Si)	ug/L	-	-	-	11000
Total Silver (Ag)	ug/L	-	-	-	<0.020
Total Strontium (Sr)	ug/L	7000	-	-	238
Total Uranium (U)	ug/L	20	-	-	0.58
Total Vanadium (V)	ug/L	-	-	-	<5.0
Total Zinc (Zn)	ug/L	-	5000	-	25.3
Total Calcium (Ca)	mg/L	-	-	-	29.7
Total Magnesium (Mg)	mg/L	-	-	-	7.59
Total Potassium (K)	mg/L	-	-	-	0.561
Total Sodium (Na)	mg/L	-	200	-	14.9
Total Sulphur (S)	mg/L	-	-	-	<3.0
Microbiological Param.					
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.