

West Bay Distribution Water Analysis Results

Location: 2315 Ida Lane

Canadian Drinking Water Guidelines Package

MAC=Maximum Acceptable Concentration IMAC=Interim Maximum Acceptable Concentration AO=Aesthetic Objective

CDWG=Canadian Drinking Water Guidelines BCAWQG=British Columbia Approved Water Quality Guidelines

Red font indicates non-compliance with Canadian Drinking Water Guidelines

Parameters	Water Quality Guidelines				28-Jun		23-Apr		20-Apr	17-May	22-May	27-May	13-May	18-May		
	Units	CDWG	BCAWQG		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Color	CU	15	</=15	AO	8		11	8	6	18	14	20	12	12		
Conductivity	uS		700	MAC	361		361	374	345	380	352	324	341	349		
TDS	mg/L	500	</=500	AO	187		187	250	220	213	202	212	230	232		
Hardness (CaCO3)	mg/L	80-100	</=500	AO	109.9		110.2	110	110	110	120	100	140	120		
pH	pH units	6.5-8.5	6.5-8.5	AO	7.7		7.78	7.7	7.7	7.8	7.7	7.97	8.1	7.9		
Turbidity	NTU's	5	1	MAC	0.11		0.16	0.6	<0.5	<0.5	<0.5	0.9	<0.5	<0.5		
Alkalinity	mg/L				145		147	140	150	160	310	140	150	150		
Chloride	mg/L	250	</=250	AO	10.8		17.62	24.3	17.7	27.3	19.3	10.8	15.6	15.7		
Fluoride	mg/L	1.5	1.5	MAC	0.17		0.11	<1.0	<1.0	0.2	<1.0	<1.0	<1.0	<1.0		
Sulfate	mg/L	500	</=500	AO	1.48		1.81	11.9	<2	2.6	2.9	<2.0	5	5.8		
Nitrate	mg/L	10	10	MAC	0.593		<0.01	<0.1	<0.1	0.04	<0.1	<0.1	<0.1	<0.1		
Nitrite	mg/L	1			<0.002		<0.01	<0.1	<0.1	<0.01	<0.1	<0.1	0.1	<0.1		
T-Aluminum	mg/L		0.2	MAC	0.014		0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005	0.015		
T-Antimony	mg/L		0.006	MAC	<0.006		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002		
T-Arsenic	mg/L	0.025	0.025	IMAC	<0.01		0.0009	0.0012	0.0009	0.0013	0.0008	0.002	0.0018	0.001		
T-Barium	mg/L	1.0	1	MAC	<0.0006		0.005	0.005	0.005	0.005	0.005	<0.005	0.007	0.006		
T-Boron	mg/L	5.0	5	MAC	<0.008		0.08	0.084	0.066	0.07	0.078	0.05	0.063	0.068		
T-Cadmium	mg/L	0.005			<0.0006		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0003	<0.00001	<0.00001		
T-Calcium	mg/L				27.5		27.3	28.9	27.8	28.6	30.6	25.5	35.8	31.2		
T-Chromium	mg/L	0.05	0.05	MAC	<0.0009		<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.003	<0.0004	0.0004		
T-Copper	mg/L	1.0	</=1	MAC	0.002		0.002	0.001	0.002	0.005	0.002	<0.005	0.001	0.003		
T-Iron	mg/L	0.3	</=0.3	AO	0.092		0.2	<0.1	0.2	<0.1	<0.1	0.35	0.19	0.046		
T-Lead	mg/L	0.01	0.01	MAC	<0.002		0.0003	0.0001	0.0003	0.0001	0.0001	<0.0005	0.0002	0.0002		
T-Lithium	mg/L												<0.001	<0.001		
T-Magnesium	mg/L		</=700	AO	10		10.2	10.3	10.3	9.7	10.8	8.9	11.3	9.82		
T-Manganese	mg/L	0.05	</=0.05	AO	0.13		0.174	0.142	0.15	0.087	0.099	0.208	0.136	0.0912		
T-Mercury	mg/L	0.001	0.001	MAC	<0.0001		<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.01	<0.01	<0.01		
T-Nickel	mg/L												<0.001	<0.001		
T-Phosphorus	mg/L												0.526	0.564		
T-Potassium	mg/L				2.3		2.7	2.6	2	2.7	2.6	2.3	2.3	2.4		
T-Selenium	mg/L	0.01	0.01	MAC	<0.004		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.003	<0.0006	<0.0006		
T-Silver	mg/L												<0.00001	<0.00001		
T-Sodium	mg/L	200	</=200	AO	30.7		28.9	35.4	29	34.9	31.3	23.5	26.9	26.7		
T-Uranium	mg/L	0.1	0.1	MAC	<0.06		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0004	<0.0004		
T-Zinc	mg/L	5	<5	AO	0.0018		0.003	0.004	0.006	0.005	0.009	<0.005	0.006	0.003		
Total Coliform	cfu/100ml	<1	<1	cfu/100ml	<1		n/a	<1	<1	<1	<1	<1.0	<1.0	<1.0		
Fecal Coliform	cfu/100ml	<1	<1	cfu/100ml	<1		n/a	<1	<1	<1	<1					
E.coli	cfu/100ml	<1	<1	cfu/100ml						<1	<1	<1.0	<1.0	<1.0		
Tannins & Lignins							n/a	n/a	n/a	n/a	n/a					
Trihalomethanes	mg/l	0.1		MAC			n/a	n/a	n/a	0.03	n/a					