Nanoose Distribution Water Analysis Results

Location: 1961 Harlequin Crescent

Canadian Drinking Water Guidelines Package

* 2001 sample collected at 1270 Seadog

~Second 2010 Sample Collected at 1270 Sea Dog Road

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				20-Apr	17-May	22-May	27-May	13-May	18-May	18-May	
	Units	CDWG	BCAWQG		2001*	2002	2003	2004	2005	2006	2007	2008	2009	2010	2010~	2011
Color	CU	15	</=15	AO	**27**	**45**	14	**22**	6	14	12	**18**	**19**	6	<5	
Conductivity	uS		700	MAC	349	304	362	357	356	357	358	372	385	368	354	
TDS	mg/L	500	</=500	AO	200	193	187	233	210	233	206	238	260	236	236	
Hardness (CaCO3)	mg/L	80-100	</=500	AO	**132.1**	**128**	**149.3**	**140**	**140**	**140**	**150**	**130**	**170**	**150**	**130**	
pH	pH units	6.5-8.5	6.5-8.5	AO	7.69	7.52	7.68	7.8	7.6	7.7	7.7	7.86	7.8	7.8	8	
Turbidity	NTU's	5	1	MAC	0.84	0.27	0.36	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Alkalinity	mg/L				145	144	150	150	150	150	150	150	150	150	150	
Chloride	mg/L	250	</=250	AO	14.4	11.28	9.42	11.6	10.9	12.8	9	13.1	14.2	9.9	9.8	
Fluoride	mg/L	1.5	1.5	MAC	0.15	0.14	0.08	<1.0	<1.0	0.2	<1.0	<1.0	<1.0	<1.0	<1.0	
Sulfate	mg/L	500	</=500	AO	15.4	12.07	23.65	22.8	15.5	14.9	15.3	15.4	21.2	18.6	14.2	
Nitrate	mg/L	10	10	MAC	0.092	0.04	0.1	0.2	0.3	0.04	<0.1	<0.1	0.2	<0.1	<0.1	
Nitrite	mg/L	1			<.002	0.04	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	0.1	<0.1	<0.1	
T-Aluminum	mg/L		0.2	MAC	0.014	<.009	0.006	<0.005	<0.005	<0.005	0.013	<0.05	<0.005	0.009	0.009	
T-Antimony	mg/L		0.006	MAC	<.006	<.006	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	
T-Arsenic	mg/L	0.025	0.025	IMAC	<.01	<.01	0.001	0.0011	0.001	0.0011	0.0009	0.004	0.0009	0.0013	0.0014	
T-Barium	mg/L	1.0	1	MAC	0.0169	0.0121	0.033	0.015	0.023	0.028	0.03	0.02	0.032	0.026	0.014	
T-Boron	mg/L	5.0	5	MAC	0.065	0.058	0.055	0.065	0.052	0.058	0.069	0.05	0.074	0.06	0.066	
T-Cadmium	mg/L	0.005			<.0006	<.0006	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0003	<0.00001	<0.00001	<0.00001	
T-Calcium	mg/L				34.6	32.1	45.3	35	41.1	40.7	44.6	37.6	51.8	44.3	35.2	
T-Chromium	mg/L	0.05	0.05	MAC	<.0009	<.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.003	<0.0004	<0.0004	<0.0004	
T-Copper	mg/L	1.0	</=1	MAC	0.002	0.002	0.004	0.004	0.002	0.004	0.005	<0.005	0.004	0.003	0.005	
T-Iron	mg/L	0.3	</=0.3	AO	**0.507**	**0.199**	0.2	<0.1	<0.1	<0.1	<0.1	0.07	0.03	0.094	0.044	
T-Lead	mg/L	0.01	0.01	MAC	<.002	<.002	0.0002	0.0003	0.0003	0.0004	0.0005	<0.0005	0.0005	0.0002	0.0003	
T-Lithium	mg/L												0.002	0.002	0.001	
T-Magnesium	mg/L		</=700	AO	11.1	11.6	8.8	11.6	9.5	8.2	9.5	9	9.66	9.05	10.9	
T-Manganese	mg/L	0.05	</=0.05	AO	**0.208**	**0.175**	**0.118**	**0.102**	**0.083**	**0.11**	**0.123**	**0.134**	**0.0997**	**0.0921**	**0.106**	
T-Mercury	mg/L	0.001	0.001	MAC	<.0001	<.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.01	<0.01	<0.01	<0.01	
T-Nickel	mg/L												<0.001	<0.001	<0.001	
T-Phosphorus	mg/L												0.349	0.349	0.459	
T-Potassium	mg/L				2.2	2.4	2	2.5	2	2.1	2.2	2	2.2	1.9	2.3	
T-Selium	mg/L	0.01	0.01	MAC	<.004	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.003	<0.0006	<0.0006	<0.0006	
T-Silver	mg/L												<0.00001	<0.00001	<0.00001	
T-Sodium	mg/L	200	</=200	AO	20.1	23.3	16.2	22.3	19	21.1	19.7	21.9	23.6	20.2	23.6	
T-Uranium	mg/L	0.1	0.1	MAC	<.06	<.02	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0004	<0.0004	<0.0004	
T-Zinc	mg/L	5	<5	AO	0.0029	0.0028	0.017	0.004	0.013	0.022	0.025	0.01	0.017	0.008	0.002	
Total Coliform	cfu/100ml	<1	<1	cfu/100ml	<1	n/a	n/a	<1	<1	<1	<1	<1.0	<1.0	<1.0	<1.0	
Fecal Coliform	cfu/100ml	<1	<1	cfu/100ml	<1	n/a	n/a	<1	<1	<1	<1					
E.coli	cfu/100ml	<1	<1	cfu/100ml						<1	<1	<1.0	<1.0	<1.0	<1.0	
Tannins & Lignins					n/a	0.15	n/a	n/a		n/a	n/a					
Trihalomethanes	mg/l	0.1		MAC	n/a	n/a	n/a	n/a		0.01	n/a					