

## Well Wise Results

<b>TABLE 1</b>		<b>CLIENT: Ontario Ground Water Association</b>		
<b>PARACEL LABORATORIES LTD.</b>				<b>Well Wise</b>
<b>WORKORDER: XXXXX</b>		<b>PROJECT: WW-XXX</b>		<b>WW-0XXX</b>
<b>REPORT DATE: 05/15/2017</b>		<b>REFERENCE: #17-038 OGWA 2017 Standing Offer</b>		<b>Name of Client</b>
<b>Parameter</b>	<b>Units</b>	<b>MDL</b>	<b>Regulation</b>	<b>Sample</b>
				<b>Home Well # 1 1234567-01</b>
<b>Sample Date (m/d/y)</b>			<b>Ontario Drinking Water Standards</b>	<b>05/08/2017 09:30 AM</b>
<b>Calculated Parameters</b>				
Solids, total dissolved - calc.	mg/L	10.0	500 mg/L	251
<b>General Inorganics</b>				
Alkalinity, total	mg/L	5	500 mg/L	136
Ammonia as N	mg/L	0.01		0.21
Dissolved Organic Carbon	mg/L	0.5	5 mg/L	1.4
Conductivity	uS/cm	5		426
<b>Hardness</b>	<b>mg/L</b>		<b>80 - 100 mg/L</b>	<b>104</b>
pH	pH Units	0.1	6.5 - 8.5	8.0
Turbidity	NTU	0.1	5 NTU	2.3
<b>Anions</b>				
Chloride	mg/L	1	250 mg/L	3
Nitrate as N	mg/L	0.1	10 mg/L	ND (0.1)
Nitrite as N	mg/L	0.05	1 mg/L	ND (0.05)
Phosphate as P	mg/L	0.2		ND (0.2)
Sulphate	mg/L	1	500 mg/L	88
<b>Metals</b>				
Aluminum	mg/L	0.001	0.1 mg/L	ND (0.001)
Antimony	mg/L	0.0005	0.006 mg/L	0.0006
Arsenic	mg/L	0.001	0.025 mg/L	0.010
Barium	mg/L	0.001	1 mg/L	0.024
Beryllium	mg/L	0.0005		ND (0.0005)
Boron	mg/L	0.01	5 mg/L	0.35
Cadmium	mg/L	0.0001	0.005 mg/L	ND (0.0001)
Calcium	mg/L	0.1		20.1
Chromium	mg/L	0.001	0.05 mg/L	ND (0.001)
Cobalt	mg/L	0.0005		ND (0.0005)
Copper	mg/L	0.0005	1 mg/L	0.0007
<b>Iron</b>	<b>mg/L</b>	<b>0.1</b>	<b>0.3 mg/L</b>	<b>0.4</b>
Lead	mg/L	0.0001	0.01 mg/L	ND (0.0001)
Magnesium	mg/L	0.2		13.0
Manganese	mg/L	0.005	0.05 mg/L	0.009
Molybdenum	mg/L	0.0005		0.0210
Nickel	mg/L	0.001		ND (0.001)
Potassium	mg/L	0.1		1.1
Selenium	mg/L	0.001	0.05 mg/L	ND (0.001)
Silicon	mg/L	0.01		6.07
Silver	mg/L	0.0001		ND (0.0001)
Sodium	mg/L	0.2	200 mg/L	44.3
Strontium	mg/L	0.01		1.68
Thallium	mg/L	0.001		ND (0.001)
Tin	mg/L	0.01		ND (0.01)
Titanium	mg/L	0.005		ND (0.005)
Tungsten	mg/L	0.01		ND (0.01)
Uranium	mg/L	0.0001	0.02 mg/L	0.0005
Vanadium	mg/L	0.0005		0.0037

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Zinc	mg/L	0.005	5 mg/L
			0.015
Sample Qualifier:	N/A		

**OGWA/Well Wise Water Testing Results**



Thank you for participating in our Well Wise Water Testing Program. OGWA recommends that you have your water tested through the local health unit 3 times each year to test for the presence of total coliform and E. Coli bacteria. We recommend that you test for metals & minerals every year and once every 5 years for pesticides, fuels, and solvents.

The Ontario Ground Water Association is a non-profit organization. One of our goals is to provide information to rural well owners. Well Wise testing packages are set up with the intention of helping inform rural well owners about the quality of their water.

If you have questions regarding the results of your tests or would like to set up an annual reminder, please call us at [519-245-7194](tel:519-245-7194) or email to: [wellwise@ogwa.ca](mailto:wellwise@ogwa.ca).

The results included in this report are compared against the Ontario Drinking Water Standards, Objectives, and Guidelines (ODWS). A full list of what was analyzed has been included and we have also highlighted the parameters that have exceeded the ODWS. There are also many parameters tested that are not set out in the ODWS. OGWA's Well Wise testing program cannot certify your water as safe for drinking. We can only compare your results against the standards set by the government of Ontario. As explained in the ODWS, these standards, objectives and guidelines are considered to be the minimum level of drinking-water quality.

It should be noted that if the water testing is for legal purposes, the sampling and handling protocol is highly controlled. We do not have the capacity or desire to become involved in legal proceedings where the results of the water tests are used because there is a highly controlled procedure for such water testing that must be legally defensible.

**Thank You!**