



# WATER QUALITY CONTROL SYSTEMS LIMITED

605 Denison Street, Markham, Ontario L3R 1B8 Canada  
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## Water Analysis

Sample Registration:

29999

Report Date: June 19, 2013

<b>Dealer</b>	<b>Purifiner.com</b>	<b>Customer</b>	Your Water
<b>Address</b>	605 Denison Street	<b>Address</b>	
<b>City, Province</b>	Markham, ON	<b>City, Province</b>	
<b>Telephone</b>	905-944-9465	<b>Telephone</b>	
<b>Fax</b>		<b>Fax</b>	

## Source Parameters

Estimated Consumption (number of occupants)

Site Visual Observations Reported:

Site Odour Observations:

Other Site Observations:

Source Type:  Municipal Source,  Private Drilled Well,  Private Shallow Well,

Other:

Reported End User Requirements and Comments: Residential

## Analysis

Attribute	Result	Unit	MCL
Total Dissolved Solids:	366	mg/l as NaCl	500, AO
pH:	6.88		6.5->8.5, OG
Hardness Total (CaCO <sub>3</sub> ):	290	mg/l	80-100 OG
	17	Gr./USGal.	
Calcium Hardness (CaCO <sub>3</sub> ):	240	mg/l	
	14	Gr./USGal.	
Chlorides (Cl):	30	mg/l	250
Alkalinity (CaCO <sub>3</sub> ):	345	mg/l	30-500 OG
Sulphates (SO <sub>4</sub> ):	3	mg/l	500
Phosphate (PO <sub>4</sub> ):	0.10	mg/l	
Nitrate (as N NO <sub>3</sub> ):	nd	mg/l	10.0 as N MAC
Copper Total (Cu+):	nd	mg/l	1.3
Chlorine Free (Cl <sup>2</sup> ):	nd	mg/l	
Chlorine Total (Cl <sup>2</sup> ):	nd	mg/l	
Iron Free (Fe <sup>+2</sup> ):	0.04	mg/l	
Total Recovered Iron (Fe <sup>+2</sup> +Fe <sup>+3</sup> ):	1.22	mg/l	
Iron Total (Fe <sup>+2</sup> +Fe <sup>+3</sup> ):	2.43	mg/l	0.3
Manganese (Mn):	0.556	mg/l	0.05
Tannins:	0.6	mg/l	0.05
UVT:	49%	%	85%
LSI:	0.06		
Acidification Odour Test:	Very Slight Organic Odour		

This analysis does not cover microbiological analysis and as such the recommendations assume the water is microbiologically safe unless otherwise notified. This analysis is not detailed enough for "Potability" determination. Additional testing would be required for potability assessment. This analysis is intended for treatment technology determination.

Concentrations are reported in milligrams per litre unless otherwise stated. (nd) Indicates concentration below detection limits.

MCL is the Maximum Contaminant Level listed for either health (MAC), objective (OG) or aesthetic (AO) reasons.

Other Analytical testing available on request at additional cost.

## Recommendations

Additional information is required before full recommendations may be furnished.