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Certificate of Analysis
 AGAT WORK ORDER: 10R457411
 PROJECT NO: 2010 Main Res Samples
 ATTENTION TO: Rick Bullock



CLIENT NAME: TOWN OF SYLVAN LAKE

Routine Chemistry Water Analysis				
DATE SAMPLED: Dec 09, 2010	DATE RECEIVED: Dec 01, 2010	DATE REPORTED: Dec 20, 2010	SAMPLE TYPE: Water	
	Main Res. @ 8:35am	2172348		
Parameter	Unit	G / S	RDL	Value
pH		6.5-8.5	NA	8.3
p - Alkalinity (as CaCO3)	mg/L		5	<5
T - Alkalinity (as CaCO3)	mg/L		5	394
Bicarbonate	mg/L		5	481
Carbonate	mg/L		5	<5
Hydroxide	mg/L		5	<5
Electrical Conductivity	uS/cm		1	774
Chloride	mg/L	250	1	13
Fluoride	mg/L	1.5	0.05	0.07
Nitrate	mg/L	45	0.5	4.8
Sulfate	mg/L	500	1	30
Dissolved Calcium	mg/L		0.3	46.6
Dissolved Magnesium	mg/L		0.2	29.7
Dissolved Sodium	mg/L	200	0.6	98.0
Dissolved Potassium	mg/L		0.6	1.9
Dissolved Iron	mg/L	0.3	0.1	<0.1
Dissolved Manganese	mg/L	0.05	0.005	<0.005
Calculated TDS	mg/L		1	460
Hardness	mg CaCO3/L		1	239
Ion Balance	%			101
Nitrate + Nitrite-N	mg/L		0.113	1.08
Nitrate-N	mg/L		0.113	1.08
Nitrite-N	mg/L		0.015	<0.015

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard; Refers to CCME (D Water)
 2172348 < - Values refer to Report Detection Limits.

Certified By: