



SGS Canada Inc.

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15-October-2015

OCWA-Trent Valley (Quinte Mohawk School)

Attn : James Taylor

Date Rec. : 06 October 2015

LR Report: CA16077-OCT15

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CERTIFICATE OF ANALYSIS Final Report

Table with 10 columns: Analysis, 1: Analysis Start Date, 2: Analysis Start Time, 3: Analysis Approval Date, 4: Analysis Approval Time, 5: MAC Half, 6: MAC, 7: AO/OG, 8: MDL, 9: 21E93 NR/TW QMS Treated Water, 10: 1ec6a NR/DW QMS Staff Room Tap. Rows include various water quality parameters like Temperature, Chlorine, pH, Alkalinity, etc.

MAC - Maximum Acceptable Concentration
Half MAC - Half of the Maximum Acceptable Concentration
AO/OG - Aesthetic Objective / Operational Guideline
MDL - SGS Method Detection Limit
\*Sodium > 20mg/L is an indicator of adverse water quality. Sodium > 20mg/L is only reportable every 57 months as per applicable drinking water regulations.

Method Descriptions

Parameter	Description	SGS Method Code
Alkalinity	Alkalinity by Titration	ME-CA-[ENV]EWL-LAK-AN-006
Aluminum	Aluminum by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
Ammonia+Ammonium (N)	NH3+NH4 by Skalar - drinking water to MDL	ME-CA-[ENV]SFA-LAK-AN-007
Bromodichloromethane	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
Bromoform	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
Calcium	Calcium by ICP-MS drinking water	ME-CA-[ENV]SPE-LAK-AN-006
Chloride	Chloride by Dionex - solution	ME-CA-[ENV]JIC-LAK-AN-001
Chloroform	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
Colour	True Colour by colourmetric method	ME-CA-[ENV]EWL-LAK-AN-002
Conductivity	Conductivity by Conductivity Meter	ME-CA-[ENV]EWL-LAK-AN-006
Dibromochloromethane	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
Fluoride	Fluoride by specific ion electrode	ME-CA-[ENV]EWL-LAK-AN-014
Hardness	Hardness (CaCO3) by ICP	ME-CA-[ENV]SPE-LAK-AN-003
Hydrogen Sulphide	H2S calculation form Sulphide	ME-CA-[ENV]SFA-LAK-AN-008
Iron	Iron by ICP-MS drinking water	ME-CA-[ENV]SPE-LAK-AN-006
Lead	Lead by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
Magnesium	Magnesium by ICP-MS drinking water	ME-CA-[ENV]SPE-LAK-AN-006
Manganese	Manganese by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
Nitrate (as N)	Nitrate by Dionex - solution	ME-CA-[ENV]JIC-LAK-AN-001
Nitrate + Nitrite (as N)	Total Nitrates by Dionex - solution	ME-CA-[ENV]JIC-LAK-AN-001
Nitrite (as N)	Nitrate by Dionex - solution	ME-CA-[ENV]JIC-LAK-AN-001
pH	pH - solution	ME-CA-[ENV]EWL-LAK-AN-006
Sodium	Sodium by ICP-MS drinking water	ME-CA-[ENV]SPE-LAK-AN-006
Sulphate	Sulphate by Dionex - solution	ME-CA-[ENV]JIC-LAK-AN-001
Sulphide	Sulphide by Skalar	ME-CA-[ENV]SFA-LAK-AN-008
Trihalomethanes (total)	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
Turbidity	Turbidity - APHA.AWWA.WPCF 18th 2130B	ME-CA-[ENV]EWL-LAK-AN-003

  
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