



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.  
Lakefield - Ontario - KOL 2HO  
Phone: 705-652-2000 FAX: 705-652-6365

Project : PO#017018

January-24-13

OCWA-Trent Valley (Quinte Mohawk School)

Attn : Steve Arnold

Date Rec. : 15 January 2013  
LR Report: CA15226-JAN13

Box 20157, 131 St. Paul St.  
Belleville, ON  
K8N 5V1,

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# CERTIFICATE OF ANALYSIS

## Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Approval Date	4: Analysis Approval Time	5: MAC	6: Half MAC	7: AO/OG	8: MDL	9: NR TW Treated Water Tap
Sample Date & Time									14-Jan-13 11:13
Temperature Upon Receipt [°C]	---	---	--	--	--	--	---	---	8.0
Free Chlorine [mg/L]	---	---	--	--	--	--	---	---	1.08
Antimony [ug/L]	17-Jan-13	13:18	18-Jan-13	11:42	6	3	---	0.02	0.02 <MDL
Arsenic [ug/L]	17-Jan-13	13:18	18-Jan-13	11:42	25	12.5	---	0.2	0.2
Barium [ug/L]	17-Jan-13	13:18	18-Jan-13	11:42	1000	500	---	0.01	88.5
Boron [ug/L]	17-Jan-13	13:18	21-Jan-13	10:55	5000	2500	---	0.2	89
Cadmium [ug/L]	17-Jan-13	13:18	18-Jan-13	11:42	5	2.5	---	0.003	0.007
Chromium [ug/L]	17-Jan-13	13:18	18-Jan-13	11:42	50	25	---	0.5	1.1
Mercury [ug/L]	18-Jan-13	12:46	18-Jan-13	13:34	1	0.5	---	0.01	0.01 <MDL
Selenium [ug/L]	17-Jan-13	13:18	18-Jan-13	11:43	10	5	---	1	1 <MDL
Uranium [ug/L]	17-Jan-13	13:18	18-Jan-13	11:43	20	10	---	0.001	2.69
Benzene [ug/L]	16-Jan-13	15:01	18-Jan-13	09:57	5	2.5	---	0.32	0.32 <MDL
Carbon tetrachloride [ug/L]	16-Jan-13	15:01	18-Jan-13	09:57	5	2.5	---	0.16	0.16 <MDL
1,2-Dichlorobenzene [ug/L]	16-Jan-13	15:01	18-Jan-13	09:57	200	100	3	0.41	0.41 <MDL
1,4-Dichlorobenzene [ug/L]	16-Jan-13	15:01	18-Jan-13	09:57	5	2.5	1	0.36	0.36 <MDL
1,1-Dichloroethylene (vinylidene chloride) [ug/L]	16-Jan-13	15:01	18-Jan-13	09:57	14	7	---	0.33	0.33 <MDL
1,2-Dichloroethane [ug/L]	16-Jan-13	15:01	18-Jan-13	09:57	5	2.5	---	0.35	0.35 <MDL
Dichloromethane [ug/L]	16-Jan-13	15:01	18-Jan-13	09:57	50	25	---	0.35	0.35 <MDL
Monochlorobenzene [ug/L]	16-Jan-13	15:01	18-Jan-13	09:57	80	40	30	0.30	0.3 <MDL
Tetrachloroethylene (perchloroethylene) [ug/L]	16-Jan-13	15:01	18-Jan-13	09:57	30	15	---	0.35	0.35 <MDL
Trichloroethylene [ug/L]	16-Jan-13	15:01	18-Jan-13	09:57	5	2.5	---	0.44	0.44 <MDL
Vinyl Chloride [ug/L]	16-Jan-13	15:01	18-Jan-13	09:57	2	1	---	0.17	0.17 <MDL
Diquat [ug/L]	17-Jan-13	09:23	24-Jan-13	08:51	70	35	---	1	1 <MDL
Paraquat [ug/L]	17-Jan-13	09:23	24-Jan-13	08:51	10	5	---	1	1 <MDL
Glyphosate [ug/L]	18-Jan-13	12:54	24-Jan-13	07:38	280	140	---	6	6 <MDL
Polychlorinated Biphenyls (PCBs) - Total [ug/L]	16-Jan-13	09:15	18-Jan-13	12:55	3	1.5	---	0.04	0.04 <MDL
Benzo(a)pyrene [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	0.01	0.005	---	0.004	0.004 <MDL
Alachlor [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	5	2.5	---	0.02	0.02 <MDL
Aldicarb [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	9	4.5	---	0.01	0.01 <MDL
Aldrin + Dieldrin [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	0.7	0.35	---	0.01	0.01 <MDL
Aldrin [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
Dieldrin [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
Atrazine + N-dealkylated metabolites [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	5	2.5	---	0.01	0.01 <MDL
Atrazine [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
Desethyl atrazine [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
Azinphos-methyl [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	20	10	---	0.02	0.02 <MDL

Online LIMS

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Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Approval Date	4: Analysis Approval Time	5: MAC	6: Half MAC	7: AO/OG	8: MDL	9: NR TW Treated Water Tap
Bendiocarb [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	40	20	---	0.01	0.01 <MDL
Carbaryl [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	90	45	---	0.01	0.01 <MDL
Carbofuran [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	90	45	---	0.01	0.01 <MDL
Chlordane (total) [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	7	3.5	---	0.01	0.01 <MDL
a-chlordane [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
g-chlordane [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
Oxychlordane [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
Chlorpyrifos [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	90	45	---	0.02	0.02 <MDL
Cyanazine [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	10	5	---	0.03	0.03 <MDL
Diazinon [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	20	10	---	0.02	0.02 <MDL
(DDT) + Metabolites [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	30	15	---	0.01	0.01 <MDL
op-DDT [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
pp-DDD [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
pp-DDE [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
pp-DDT [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
Dimethoate [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	20	10	---	0.03	0.03 <MDL
Diuron [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	150	75	---	0.03	0.03 <MDL
Heptachlor + Heptachlor Epoxide [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	3	1.5	---	0.01	0.01 <MDL
Heptachlor [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
Heptachlor epoxide [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	--	--	---	0.01	0.01 <MDL
Lindane [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	4	2	---	0.01	0.01 <MDL
Malathion [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	190	95	---	0.02	0.02 <MDL
Methoxychlor [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	900	450	---	0.01	0.01 <MDL
Metolachlor [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	50	25	---	0.01	0.01 <MDL
Metribuzin [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	80	40	---	0.02	0.02 <MDL
Parathion [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	50	25	---	0.02	0.02 <MDL
Phorate [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	2	1	---	0.01	0.01 <MDL
Prometryne [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	1	0.5	---	0.03	0.03 <MDL
Simazine [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	10	5	---	0.01	0.01 <MDL
Temephos [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	280	140	---	0.01	0.01 <MDL
Terbufos [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	1	0.5	---	0.01	0.01 <MDL
Triallate [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	230	115	---	0.01	0.01 <MDL
Trifluralin [ug/L]	17-Jan-13	07:50	21-Jan-13	11:05	45	22.5	---	0.02	0.02 <MDL
2,4-dichlorophenoxyacetic acid (2,4-D) [ug/L]	16-Jan-13	07:52	17-Jan-13	10:58	100	50	---	0.19	0.19 <MDL
2,4,5-trichlorophenoxyacetic acid (2,4,5-T) [ug/L]	16-Jan-13	07:52	17-Jan-13	10:58	280	140	20	0.22	0.22 <MDL
Bromoxynil [ug/L]	16-Jan-13	07:52	17-Jan-13	10:58	5	2.5	---	0.33	0.33 <MDL
Dicamba [ug/L]	16-Jan-13	07:52	17-Jan-13	10:58	120	60	---	0.20	0.20 <MDL
Diclofop-methyl [ug/L]	16-Jan-13	07:52	17-Jan-13	10:58	9	4.5	---	0.40	0.40 <MDL
Dinoseb [ug/L]	16-Jan-13	07:52	17-Jan-13	10:58	10	5	---	0.36	0.36 <MDL
Picloram [ug/L]	16-Jan-13	07:52	17-Jan-13	10:58	190	95	---	1	1 <MDL
2,4-dichlorophenol [ug/L]	16-Jan-13	07:52	17-Jan-13	10:58	900	450	0.3	0.15	0.15 <MDL
2,4,6-trichlorophenol [ug/L]	16-Jan-13	07:52	17-Jan-13	10:58	5	2.5	2	0.25	0.25 <MDL
2,3,4,6-tetrachlorophenol [ug/L]	16-Jan-13	07:52	17-Jan-13	10:58	100	50	1	0.14	0.14 <MDL
Pentachlorophenol [ug/L]	16-Jan-13	07:52	17-Jan-13	10:58	60	30	30	0.15	0.15 <MDL

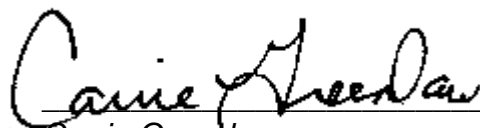
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**LR Report :** CA15226-JAN13

Total and/or Free Residual Chlorine was not analyzed by SGS Environmental Services.  
MAC - Maximum Acceptable Concentration  
Half MAC - Half of the Maximum Acceptable Concentration  
AO/OG - Aesthetic Objective / Operational Guideline  
MDL - SGS Method Detection Limit



*Carrie Greenlaw*  
Project Specialist  
Environmental Services, Analytical