



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 1156

Project : PO#017018

11-February-2014

OCWA-Trent Valley (Quinte Mohawk School)

Attn : James Taylor

Date Rec. : 04 February 2014

LR Report: CA15010-FEB14

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

Copy: #1

Phone: 613-962-5454
Fax:pdf-ID Plant

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: TW TW-Treated Water Tap NR
Sample Date & Time									03-Feb-14 08:23
Temperature Upon Receipt [°C]	---	---	--	--	--	--	---	---	8.0
Free Chlorine [mg/L]	---	---	--	--	--	--	---	---	1.39
Antimony [ug/L]	07-Feb-14	14:43	10-Feb-14	11:32	6	3	---	0.02	0.02 <MDL
Arsenic [ug/L]	07-Feb-14	14:43	10-Feb-14	11:32	25	12.5	---	0.2	0.6
Barium [ug/L]	07-Feb-14	14:43	10-Feb-14	11:32	1000	500	---	0.01	89.5
Boron [ug/L]	07-Feb-14	14:43	10-Feb-14	11:32	5000	2500	---	0.2	102
Cadmium [ug/L]	07-Feb-14	14:43	10-Feb-14	11:32	5	2.5	---	0.003	0.012
Chromium [ug/L]	07-Feb-14	14:43	10-Feb-14	11:32	50	25	---	0.5	1.2
Mercury [ug/L]	06-Feb-14	06:46	06-Feb-14	08:51	1	0.5	---	0.01	0.01 <MDL
Selenium [ug/L]	07-Feb-14	14:43	10-Feb-14	11:32	10	5	---	1	1 <MDL
Uranium [ug/L]	07-Feb-14	14:43	10-Feb-14	11:32	20	10	---	0.001	2.45
Benzene [ug/L]	04-Feb-14	15:41	11-Feb-14	14:11	5	2.5	---	0.32	0.32 <MDL
Carbon tetrachloride [ug/L]	04-Feb-14	15:41	11-Feb-14	14:11	5	2.5	---	0.16	0.16 <MDL
1,2-Dichlorobenzene [ug/L]	04-Feb-14	15:41	11-Feb-14	14:11	200	100	3	0.41	0.41 <MDL
1,4-Dichlorobenzene [ug/L]	04-Feb-14	15:41	11-Feb-14	14:11	5	2.5	1	0.36	0.36 <MDL
1,1-Dichloroethylene (vinylidene chloride) [ug/L]	04-Feb-14	15:41	11-Feb-14	14:11	14	7	---	0.33	0.33 <MDL
1,2-Dichloroethane [ug/L]	04-Feb-14	15:41	11-Feb-14	14:11	5	2.5	---	0.35	0.35 <MDL
Dichloromethane [ug/L]	04-Feb-14	15:41	11-Feb-14	14:11	50	25	---	0.35	0.35 <MDL
Monochlorobenzene [ug/L]	04-Feb-14	15:41	11-Feb-14	14:11	80	40	30	0.30	0.3 <MDL
Tetrachloroethylene (perchloroethylene) [ug/L]	04-Feb-14	15:41	11-Feb-14	14:11	30	15	---	0.35	0.35 <MDL
Trichloroethylene [ug/L]	04-Feb-14	15:41	11-Feb-14	14:11	5	2.5	---	0.44	0.44 <MDL
Vinyl Chloride [ug/L]	04-Feb-14	15:41	11-Feb-14	14:11	2	1	---	0.17	0.17 <MDL
Diquat [ug/L]	06-Feb-14	08:25	10-Feb-14	08:44	70	35	---	1	1 <MDL
Paraquat [ug/L]	06-Feb-14	08:25	10-Feb-14	08:44	10	5	---	1	1 <MDL
Glyphosate [ug/L]	06-Feb-14	08:41	10-Feb-14	08:44	280	140	---	1	1 <MDL
Polychlorinated Biphenyls (PCBs) - Total [ug/L]	07-Feb-14	07:16	11-Feb-14	14:11	3	1.5	---	0.04	0.04 <MDL
Benzo(a)pyrene [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	0.01	0.005	---	0.004	0.004 <MDL
Alachlor [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	5	2.5	---	0.02	0.02 <MDL
Aldicarb [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	9	4.5	---	0.01	0.01 <MDL
Aldrin + Dieldrin [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	0.7	0.35	---	0.01	0.01 <MDL
Aldrin [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
Dieldrin [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
Atrazine + N-dealkylated metabolites [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	5	2.5	---	0.01	0.01 <MDL
Atrazine [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
Desethyl atrazine [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
Azinphos-methyl [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	20	10	---	0.02	0.02 <MDL

Online LIMS

8507010000



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Bendiocarb [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	40	20	---	0.01	0.01 <MDL
Carbaryl [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	90	45	---	0.01	0.01 <MDL
Carbofuran [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	90	45	---	0.01	0.01 <MDL
Chlordane (total) [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	7	3.5	---	0.01	0.01 <MDL
a-chlordane [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
g-chlordane [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
Oxychlordane [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
Chlorpyrifos [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	90	45	---	0.02	0.02 <MDL
Cyanazine [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	10	5	---	0.03	0.03 <MDL
Diazinon [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	20	10	---	0.02	0.02 <MDL
(DDT) + Metabolites [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	30	15	---	0.01	0.01 <MDL
op-DDT [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
pp-DDD [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
pp-DDE [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
pp-DDT [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
Dimethoate [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	20	10	---	0.03	0.03 <MDL
Diuron [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	150	75	---	0.03	0.03 <MDL
Heptachlor + Heptachlor Epoxide [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	3	1.5	---	0.01	0.01 <MDL
Heptachlor [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
Heptachlor epoxide [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	--	--	---	0.01	0.01 <MDL
Lindane [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	4	2	---	0.01	0.01 <MDL
Malathion [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	190	95	---	0.02	0.02 <MDL
Methoxychlor [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	900	450	---	0.01	0.01 <MDL
Metolachlor [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	50	25	---	0.01	0.01 <MDL
Metribuzin [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	80	40	---	0.02	0.02 <MDL
Parathion [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	50	25	---	0.02	0.02 <MDL
Phorate [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	2	1	---	0.01	0.01 <MDL
Prometryne [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	1	0.5	---	0.03	0.03 <MDL
Simazine [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	10	5	---	0.01	0.01 <MDL
Temephos [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	280	140	---	0.01	0.01 <MDL
Terbufos [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	1	0.5	---	0.01	0.01 <MDL
Triallate [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	230	115	---	0.01	0.01 <MDL
Trifluralin [ug/L]	05-Feb-14	07:28	11-Feb-14	12:52	45	22.5	---	0.02	0.02 <MDL
2,4-dichlorophenoxyacetic acid (2,4-D) [ug/L]	06-Feb-14	07:34	11-Feb-14	14:43	100	50	---	0.19	0.19 <MDL
2,4,5-trichlorophenoxyacetic acid (2,4,5-T) [ug/L]	06-Feb-14	07:34	11-Feb-14	14:43	280	140	20	0.22	0.22 <MDL
Bromoxynil [ug/L]	06-Feb-14	07:34	11-Feb-14	14:43	5	2.5	---	0.33	0.33 <MDL
Dicamba [ug/L]	06-Feb-14	07:34	11-Feb-14	14:43	120	60	---	0.2	0.20 <MDL
Diclofop-methyl [ug/L]	06-Feb-14	07:34	11-Feb-14	14:43	9	4.5	---	0.4	0.40 <MDL
Dinoseb [ug/L]	06-Feb-14	07:34	11-Feb-14	14:43	10	5	---	0.36	0.36 <MDL
Picloram [ug/L]	06-Feb-14	07:34	11-Feb-14	14:43	190	95	---	1	1 <MDL
2,4-dichlorophenol [ug/L]	06-Feb-14	07:34	11-Feb-14	14:43	900	450	0.3	0.15	0.15 <MDL
2,4,6-trichlorophenol [ug/L]	06-Feb-14	07:34	11-Feb-14	14:43	5	2.5	2	0.25	0.25 <MDL
2,3,4,6-tetrachlorophenol [ug/L]	06-Feb-14	07:34	11-Feb-14	14:43	100	50	1	0.14	0.14 <MDL
Pentachlorophenol [ug/L]	06-Feb-14	07:34	11-Feb-14	14:43	60	30	30	0.15	0.15 <MDL

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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