



SGS Canada Inc.

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

10-December-2014

OCWA-Trent Valley (Quinte Mohawk School)

Attn : James Taylor

Date Rec. : 02 December 2014 LR Report: CA15022-DEC14

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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, 6: Half MAC, 7: AO/OG, 8: MDL, 9: TW, TW-QMS Treated Water NR. Rows include various chemical analyses like Antimony, Arsenic, Barium, etc.



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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: 21E93 TW TW-QMS Treated Water NR
Azinphos-methyl [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	20	10	---	0.02	0.02 <MDL
Bendiocarb [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	40	20	---	0.01	0.01 <MDL
Carbaryl [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	90	45	---	0.01	0.01 <MDL
Carbofuran [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	90	45	---	0.01	0.01 <MDL
Chlordane (total) [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	7	3.5	---	0.01	0.01 <MDL
a-chlordane [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	--	--	---	0.01	0.01 <MDL
g-chlordane [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	--	--	---	0.01	0.01 <MDL
Oxychlordane [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	--	--	---	0.01	0.01 <MDL
Chlorpyrifos [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	90	45	---	0.02	0.02 <MDL
Cyanazine [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	10	5	---	0.03	0.03 <MDL
Diazinon [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	20	10	---	0.02	0.02 <MDL
(DDT) + Metabolites [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	30	15	---	0.01	0.01 <MDL
op-DDT [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	--	--	---	0.01	0.01 <MDL
pp-DDD [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	--	--	---	0.01	0.01 <MDL
pp-DDE [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	--	--	---	0.01	0.01 <MDL
pp-DDT [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	--	--	---	0.01	0.01 <MDL
Dimethoate [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	20	10	---	0.03	0.03 <MDL
Diuron [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	150	75	---	0.03	0.03 <MDL
Heptachlor + Heptachlor Epoxide [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	3	1.5	---	0.01	0.01 <MDL
Heptachlor [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	--	--	---	0.01	0.01 <MDL
Heptachlor epoxide [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	--	--	---	0.01	0.01 <MDL
Lindane [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	4	2	---	0.01	0.01 <MDL
Malathion [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	190	95	---	0.02	0.02 <MDL
Methoxychlor [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	900	450	---	0.01	0.01 <MDL
Metolachlor [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	50	25	---	0.01	0.01 <MDL
Metribuzin [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	80	40	---	0.02	0.02 <MDL
Parathion [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	50	25	---	0.02	0.02 <MDL
Phorate [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	2	1	---	0.01	0.01 <MDL
Prometryne [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	1	0.5	---	0.03	0.03 <MDL
Simazine [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	10	5	---	0.01	0.01 <MDL
Temephos [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	280	140	---	0.01	0.01 <MDL
Terbufos [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	1	0.5	---	0.01	0.01 <MDL
Triallate [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	230	115	---	0.01	0.01 <MDL
Trifluralin [ug/L]	04-Dec-14	07:31	08-Dec-14	16:15	45	22.5	---	0.02	0.02 <MDL
2,4-dichlorophenoxyacetic acid (2,4-D) [ug/L]	03-Dec-14	07:44	04-Dec-14	14:55	100	50	---	0.19	0.19 <MDL
2,4,5-trichlorophenoxyacetic acid (2,4,5-T) [ug/L]	03-Dec-14	07:44	04-Dec-14	14:55	280	140	20	0.22	0.22 <MDL
Bromoxynil [ug/L]	03-Dec-14	07:44	04-Dec-14	14:55	5	2.5	---	0.33	0.33 <MDL
Dicamba [ug/L]	03-Dec-14	07:44	04-Dec-14	14:55	120	60	---	0.20	0.20 <MDL
Diclofop-methyl [ug/L]	03-Dec-14	07:44	04-Dec-14	14:55	9	4.5	---	0.40	0.40 <MDL
Dinoseb [ug/L]	03-Dec-14	07:44	04-Dec-14	14:55	10	5	---	0.36	0.36 <MDL
Picloram [ug/L]	03-Dec-14	07:44	04-Dec-14	14:55	190	95	---	1	1 <MDL
2,4-dichlorophenol [ug/L]	03-Dec-14	07:44	04-Dec-14	14:55	900	450	0.3	0.15	0.15 <MDL
2,4,6-trichlorophenol [ug/L]	03-Dec-14	07:44	04-Dec-14	14:55	5	2.5	2	0.25	0.25 <MDL
2,3,4,6-tetrachlorophenol [ug/L]	03-Dec-14	07:44	04-Dec-14	14:55	100	50	1	0.14	0.14 <MDL
Pentachlorophenol [ug/L]	03-Dec-14	07:44	04-Dec-14	14:55	60	30	30	0.15	0.15 <MDL

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

Method Descriptions

	Parameter	Description	SGS Method Code
1	(DDT) + Metabolites	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
2	1,1-Dichloroethylene (vinylidene chloride)	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
3	1,2-Dichlorobenzene	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
4	1,2-Dichloroethane	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
5	1,4-Dichlorobenzene	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
6	2,3,4,6-tetrachlorophenol	Chlorophenol by GC/MS	ME-CA-[ENV]GC-LAK-AN-003
7	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	Herbicides by GC/MS	ME-CA-[ENV]GC-LAK-AN-003
8	2,4,6-trichlorophenol	Chlorophenol by GC/MS	ME-CA-[ENV]GC-LAK-AN-003
9	2,4-dichlorophenol	Chlorophenol by GC/MS	ME-CA-[ENV]GC-LAK-AN-003
10	2,4-dichlorophenoxyacetic acid (2,4-D)	Herbicides by GC/MS	ME-CA-[ENV]GC-LAK-AN-003
11	a-chlordane	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
12	Alachlor	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
13	Aldicarb	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
14	Aldrin	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
15	Aldrin + Dieldrin	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
16	Antimony	Antimony by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
17	Arsenic	Arsenic by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
18	Atrazine	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
19	Atrazine + N-dealkylated metabolites	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
20	Azinphos-methyl	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
21	Barium	Barium by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
22	Bendiocarb	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
23	Benzene	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
24	Benzo(a)pyrene	SVOC by GC/MS	ME-CA-[ENV]GC-LAK-AN-005
25	Boron	Boron by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
26	Bromoxynil	Herbicides by GC/MS	ME-CA-[ENV]GC-LAK-AN-003
27	Cadmium	Cadmium by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
28	Carbaryl	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
29	Carbofuran	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
30	Carbon tetrachloride	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
31	Chlordane (total)	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
32	Chlorpyrifos	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
33	Chromium	Chromium by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
34	Cyanazine	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
35	Desethyl atrazine	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
36	Diazinon	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
37	Dicamba	Herbicides by GC/MS	ME-CA-[ENV]GC-LAK-AN-003
38	Dichloromethane	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
39	Diclofop-methyl	Herbicides by GC/MS	ME-CA-[ENV]GC-LAK-AN-003
40	Dieldrin	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
41	Dimethoate	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
42	Dinoseb	Herbicides by GC/MS	ME-CA-[ENV]GC-LAK-AN-003
43	Diquat	Diquat by Dionex	ME-CA-[ENV]IC-LAK-AN-005
44	Diuron	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
45	g-chlordane	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
46	Glyphosate	Glyphosate by Dionex	ME-CA-[ENV]IC-LAK-AN-003
47	Heptachlor	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
48	Heptachlor + Heptachlor Epoxide	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
49	Heptachlor epoxide	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
50	Lindane	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
51	Malathion	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
52	Mercury	Hg drinking water by CVAAS	ME-CA-[ENV]SPE-LAK-AN-004
53	Methoxychlor	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
54	Metolachlor	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
55	Metribuzin	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
56	Monochlorobenzene	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
57	op-DDT	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
58	Oxychlordane	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
59	Paraquat	Paraquat by Dionex	ME-CA-[ENV]IC-LAK-AN-005
60	Parathion	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
61	Pentachlorophenol	Chlorophenol by GC/MS	ME-CA-[ENV]GC-LAK-AN-003
62	Phorate	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
63	Picloram	Herbicides by GC/MS	ME-CA-[ENV]GC-LAK-AN-003
64	Polychlorinated Biphenyls (PCBs) - Total	PCB by GC ECD/MS	ME-CA-[ENV]GC-LAK-AN-001

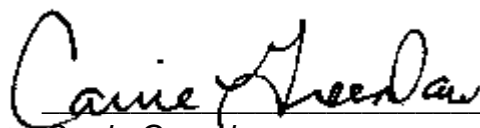
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Project : PO#017018

LR Report : CA15022-DEC14

	Parameter	Description	SGS Method Code
65	pp-DDD	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
66	pp-DDE	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
67	pp-DDT	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
68	Prometryne	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
69	Selenium	Selenium by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
70	Simazine	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
71	Temephos	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
72	Terbufos	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
73	Tetrachloroethylene (perchloroethylene)	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
74	Triallate	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
75	Trichloroethylene	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004
76	Trifluralin	Pesticides by GC/MS	ME-CA-[ENV]GC-LAK-AN-018
77	Uranium	Uranium by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
78	Vinyl Chloride	Volatiles by GC/MS	ME-CA-[ENV]GC-LAK-AN-004



Carrie Greenlaw
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