



**OPTIONAL ANNUAL REPORT TEMPLATE**

<b>Drinking-Water System Number:</b>	<b>260001929</b>
<b>Drinking-Water System Name:</b>	York Drinking Water System – York DS
<b>Drinking-Water System Owner:</b>	Regional Municipality of York
<b>Drinking-Water System Category:</b>	Large Municipal Residential receiving from Large Municipal Residential
<b>Period being reported:</b>	January 1, 2010 to December 31, 2010

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p><b>Does your Drinking-Water System serve more than 10,000 people? Yes [X] No [ ]</b></p> <p><b>Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No [ ]</b></p> <p><b>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</b></p> <div style="border: 1px solid black; padding: 5px;"> <p>Regional Municipality of York              Administrative Building              Environmental Services Department              17250 Yonge Street              Newmarket, Ontario</p> </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p><b>Number of Designated Facilities served:</b>  <input style="width: 100px; height: 20px;" type="text"/></p> <p><b>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [ ] No [ ]</b></p> <p><b>Number of Interested Authorities you report to:</b> <input style="width: 100px; height: 20px;" type="text"/></p> <p><b>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [ ] No [ ]</b></p>
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**Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report**

**List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:**

<b>Drinking Water System Name</b>	<b>Drinking Water System Number</b>
Markham Distribution System	220004162
Richmond Hill Distribution System	260001968
Vaughan Distribution System	260003097
Town of Aurora, Aurora Distribution System	260003227



**Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?**

Yes  No

**Indicate how you notified system users that your annual report is available, and is free of charge.**

**Public access/notice via the web**

**Public access/notice via Government Office**

**Public access/notice via a newspaper**

**Public access/notice via Public Request**

**Public access/notice via a Public Library**

**Public access/notice via other method** \_\_\_\_\_

**Describe your Drinking-Water System**

The urban areas of Markham, Richmond Hill and Vaughan in York Region receive their water supply from the Water Treatment Plants owned and operated by the City of Toronto and the Region of Peel. The York Water System began receiving water from Peel Region in October 2005. Aurora water supply is blended primarily with the Peel supply but does receive a small amount from the Toronto supply.

York Region owns and operates pumping stations, storage facilities and large diameter watermains required to transmit water between pumping stations and storage facilities. The municipalities of Markham, Richmond Hill, Vaughan and Aurora each own and operate the smaller watermains including fire hydrants and service connections which form each of their own respective distribution systems.

**List all water treatment chemicals used over this reporting period**

**Were any significant expenses incurred to?**

Install required equipment

Repair required equipment

Replace required equipment

**Please provide a brief description and a breakdown of monetary expenses incurred**

**Some of the following expenditures represent only part of the total project costs.**

<b>Oak Ridges Elevated Tank and Watermain to Yonge</b>	<b>\$10,591,114</b>
<b>Yonge St. Watermain Richmond Hill</b>	<b>\$3,641,360</b>
<b>York Peel Feeder main – Rutherford</b>	<b>\$14,626,661</b>



Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
Dec 31, 2010	System Pressure	12	Psi	Caused by Town of Richmond Hill mainbreak pressure at Jefferson PS dropped to 87kpa. Activated pumps and restored pressure to 140 kpa.	December 31, 2010

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

	Number of Samples	Range of E.Coli Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw					
Treated					
Distribution	956	0-0	0-0	444	1-460

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

	Number of Grab Samples	Range of Results (min #)-(max #)
Turbidity		
Chlorine	1159	0.49 – 2.07
Fluoride (If the DWS provides fluoridation)		

NOTE: For continuous monitors use 8760 as the number of samples.

NOTE: Record the unit of measure if it is not milligrams per litre.

Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure



**Summary of Inorganic parameters tested during this reporting period or the most recent sample results**

**NOTE: see attached results for Inorganic parameters**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony				
Arsenic				
Barium				
Boron				
Cadmium				
Chromium				
Lead				
Mercury				
Selenium				
Sodium				
Uranium				
Fluoride				
Nitrite				
Nitrate				

**Summary of lead testing under Schedule 15.1 during this reporting period**

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Number of Samples	Range of Lead Results (min#) – (max #)	Number of Exceedances
Plumbing			
Distribution			

**Summary of Organic parameters sampled during this reporting period or the most recent sample results**

**NOTE: see attached results for Organic parameters (THM values in table below).**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor				
Aldicarb				
Aldrin + Dieldrin				
Atrazine + N-dealkylated metabolites				
Azinphos-methyl				



Bendiocarb				
Benzene				
Benzo(a)pyrene				
Bromoxynil				
Carbaryl				
Carbofuran				
Carbon Tetrachloride				
Chlordane (Total)				
Chlorpyrifos				
Cyanazine				
Diazinon				
Dicamba				
1,2-Dichlorobenzene				
1,4-Dichlorobenzene				
Dichlorodiphenyltrichloroethane (DDT) + metabolites				
1,2-Dichloroethane				
1,1-Dichloroethylene (vinylidene chloride)				
Dichloromethane				
2-4 Dichlorophenol				
2,4-Dichlorophenoxy acetic acid (2,4-D)				
Diclofop-methyl				
Dimethoate				
Dinoseb				
Diquat				
Diuron				
Glyphosate				
Heptachlor + Heptachlor Epoxide				
Lindane (Total)				
Malathion				
Methoxychlor				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Parathion				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				



<b>THM</b> (NOTE: show latest annual average)	E Woodbridge Elevated Tank	0.018	Mg/L	
	Jefferson Reservoir	0.017	Mg/L	
	Markham Reservoir	0.015	Mg/L	
	Milliken Elevated Tank	0.014	Mg/L	
	North Maple Reservoir	0.019	Mg/L	
	North Richmond Hill Reservoir	0.017	Mg/L	
	Oak Ridges Standpipe	0.018	Mg/L	
	South Maple Reservoir	0.019	Mg/L	
	South Richmond Hill Reservoir	0.017	Mg/L	
	West Woodbridge Elevated Tank	0.017	Mg/L	
<b>Temephos</b>				
<b>Terbufos</b>				
<b>Tetrachloroethylene</b>				
<b>2,3,4,6-Tetrachlorophenol</b>				
<b>Triallate</b>				
<b>Trichloroethylene</b>				
<b>2,4,6-Trichlorophenol</b>				
<b>2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)</b>				
<b>Trifluralin</b>				
<b>Vinyl Chloride</b>				



York Region monitors another group of disinfection by-products called haloacetic acids (HAAs). There are no limits set for HAAs in Ontario Drinking Water Standards.

Reading Name	East Woodbridge ET	Jefferson Reservoir	Markham Reservoir	Milliken ET	North Maple Reservoir	North Richmond Hill Reservoir	North Markham Reservoir	North Richmond Hill ET	Oak Ridges Standpipe	South Maple Reservoir	South Richmond Hill Reservoir	West Woodbridge ET
Bromochloroacetic Acid	0.004	0.004	0.004	0.004	<0.004	<0.004	0.004	<0.005	<0.004	<0.005	0.004	0.005
Dibromoacetic acid	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	<0.004	0.004	0.004	0.004
Dichloroacetic acid	0.004	0.004	0.004	0.004	<0.005	0.004	0.004	<0.004	0.006	<0.005	0.004	0.004
Monobromoacetic acid	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	<0.004	0.004	0.004	0.004
Monochloroacetic acid	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	< 0.02	0.02	0.02	0.02
Trichloroacetic acid	0.004	0.004	<0.004	0.004	<0.004	0.004	0.004	<0.005	<0.004	<0.005	0.004	0.005

“<” indicates the result is below the Method Detection Limit

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Parameter	Result Value	Unit of Measure	Date of Sample

(Only if DWS category is large municipal residential, small municipal residential, large municipal non residential, non municipal year round residential, large non municipal non residential)



Inorganics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0008	0.0005	0.0007	0.0006
Arsenic as As	mg/L	0.025	IMAC	0.0006	0.0006	0.0006	0.0007
Barium as Ba	mg/L	1	MAC		0.0228		
Boron as B	mg/L	5	IMAC		0.029		
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	< 0.0001	0.0003	0.0002	0.0005
Fluoride as F	mg/L	1.5	MAC	0.549	0.544	0.5	0.48
Lead as Pb	mg/L	0.01	MAC	0.0001	0.0002	0.0001	0.0002
Mercury as Hg	mg/L	0.001	MAC		< 0.00002		
Nitrate + Nitrite as N	mg/L	10	MAC	0.44	0.47	0.351	0.308
Nitrate as N	mg/L	10	MAC	0.436	0.47	0.351	0.308
Nitrite	mg/L	1	MAC	< 0.002	< 0.002	< 0.002	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.0004	0.0005	0.0004	0.0001
Sodium as Na	mg/L	200	AO	14.6	18.3	14.1	14.4
Uranium as U	mg/L	0.02	MAC		0.0003		

"<": indicates the result is below Method Detection Limit  
 ODWS: Ontario Drinking Water Standard  
 MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)  
 AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)  
 mg/L: milligrams per litre, parts permillion (ppm)



Organics Test Results

Reading	Units	ODWS	25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010
(DDT) + Metabolites	mg/L	0.03	MAC				< 0.000008
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC				< 0.0005
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC				< 0.0005
2,4,6-Trichlorophenol	mg/L	0.005	MAC				< 0.0005
2,4-Dichlorophenol	mg/L	0.9	MAC				< 0.0007
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC				< 0.0008
Alachlor	mg/L	0.005	IMAC				< 0.0004
Aldicarb	mg/L	0.009	MAC				< 0.0045
Aldrin + Dieldrin	mg/L	0.0007	MAC				< 0.000006
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC				< 0.0002
Azinphos-methyl	mg/L	0.02	MAC				< 0.0003
Bendiocarb	mg/L	0.04	MAC				< 0.003
Benzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.00001	MAC				< 0.00001
Bromoxynil	mg/L	0.005	IMAC				< 0.0004
Carbaryl	mg/L	0.09	MAC				< 0.003
Carbofuran	mg/L	0.09	MAC				< 0.003
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chlordane (Total)	mg/L	0.007	MAC				< 0.000006
Chlorpyrifos	mg/L	0.09	MAC				< 0.0002
Cyanazine	mg/L	0.01	IMAC				< 0.0003
Diazinon	mg/L	0.02	MAC				< 0.0002
Dicamba	mg/L	0.12	MAC				< 0.0004
Dichloromethane	mg/L	0.05	MAC	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Diclofop-methyl	mg/L	0.009	MAC				< 0.0004
Dimethoate	mg/L	0.02	IMAC				< 0.0003
Dinoseb	mg/L	0.01	MAC				< 0.0005
Diquat	mg/L	0.07	MAC				< 0.001
Diuron	mg/L	0.15	MAC				< 0.003
Glyphosate	mg/L	0.28	IMAC				< 0.025
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC				< 0.000008
Lindane	mg/L	0.004	MAC				< 0.000005
Malathion	mg/L	0.19	MAC				< 0.0002
Methoxychlor	mg/L	0.9	MAC				< 0.000009
Metolachlor	mg/L	0.05	IMAC				< 0.0002
Metribuzin	mg/L	0.08	MAC				< 0.0003
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Paraquat	mg/L	0.01	IMAC				< 0.001
Parathion	mg/L	0.05	MAC				< 0.0002



Organics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010
Pentachlorophenol	mg/L	0.06	MAC				< 0.0004	
Phorate	mg/L	0.002	IMAC				< 0.0002	
Picloram	mg/L	0.19	IMAC				< 0.0007	
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC				< 0.00002	
Prometryne	mg/L	0.001	IMAC				< 0.0002	
Simazine	mg/L	0.01	IMAC				< 0.0002	
Temephos	mg/L	0.28	IMAC				< 0.003	
Terbufos	mg/L	0.001	IMAC				< 0.0002	
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
Triallate	mg/L	0.23	MAC					< 0.004
Trichloroethene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Trifluralin	mg/L	0.045	IMAC				< 0.000006	
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002	

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Inorganics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0008	0.0005	0.0007	0.0006
Arsenic as As	mg/L	0.025	IMAC	0.0008	0.0007	0.0007	0.0008
Barium as Ba	mg/L	1	MAC		0.0228		
Boron as B	mg/L	5	IMAC		0.028		
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	< 0.0001	0.0003	0.0002	0.0004
Fluoride as F	mg/L	1.5	MAC	0.478	0.504	0.5	0.47
Lead as Pb	mg/L	0.01	MAC	< 0.0001	0.0001	< 0.0001	< 0.0001
Mercury as Hg	mg/L	0.001	MAC		< 0.00002		
Nitrate + Nitrite as N	mg/L	10	MAC	0.41	0.44	0.347	0.335
Nitrate as N	mg/L	10	MAC	0.405	0.44	0.347	0.335
Nitrite	mg/L	1	MAC	< 0.002	< 0.002	< 0.002	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.0005	0.0004	0.0003	0.0001
Sodium as Na	mg/L	200	AO	14	16.8	14.1	14
Uranium as U	mg/L	0.02	MAC		0.0003		

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 ODWS: Ontario Drinking Water Standard  
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 mg/L: milligrams per litre, parts permillion (ppm)



Organics Test Results

Reading	Units	ODWS	25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010
(DDT) + Metabolites	mg/L	0.03	MAC				< 0.000008
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC				< 0.0005
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC				< 0.0005
2,4,6-Trichlorophenol	mg/L	0.005	MAC				< 0.0005
2,4-Dichlorophenol	mg/L	0.9	MAC				< 0.0007
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC				< 0.0008
Alachlor	mg/L	0.005	IMAC				< 0.0004
Aldicarb	mg/L	0.009	MAC				< 0.0045
Aldrin + Dieldrin	mg/L	0.0007	MAC				< 0.000006
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC				< 0.0002
Azinphos-methyl	mg/L	0.02	MAC				< 0.0003
Bendiocarb	mg/L	0.04	MAC				< 0.003
Benzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.00001	MAC				< 0.00001
Bromoxynil	mg/L	0.005	IMAC				< 0.0004
Carbaryl	mg/L	0.09	MAC				< 0.003
Carbofuran	mg/L	0.09	MAC				< 0.003
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chlordane (Total)	mg/L	0.007	MAC				< 0.000006
Chlorpyrifos	mg/L	0.09	MAC				< 0.0002
Cyanazine	mg/L	0.01	IMAC				< 0.0003
Diazinon	mg/L	0.02	MAC				< 0.0002
Dicamba	mg/L	0.12	MAC				< 0.0004
Dichloromethane	mg/L	0.05	MAC	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Diclofop-methyl	mg/L	0.009	MAC				< 0.0004
Dimethoate	mg/L	0.02	IMAC				< 0.0003
Dinoseb	mg/L	0.01	MAC				< 0.0005
Diquat	mg/L	0.07	MAC				< 0.001
Diuron	mg/L	0.15	MAC				< 0.003
Glyphosate	mg/L	0.28	IMAC				< 0.025
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC				< 0.000008
Lindane	mg/L	0.004	MAC				< 0.000005
Malathion	mg/L	0.19	MAC				< 0.0002
Methoxychlor	mg/L	0.9	MAC				< 0.000009
Metolachlor	mg/L	0.05	IMAC				< 0.0002
Metribuzin	mg/L	0.08	MAC				< 0.0003
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Paraquat	mg/L	0.01	IMAC				< 0.001
Parathion	mg/L	0.05	MAC				< 0.0002



Organics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010
Pentachlorophenol	mg/L	0.06	MAC				< 0.0004	
Phorate	mg/L	0.002	IMAC				< 0.0002	
Picloram	mg/L	0.19	IMAC				< 0.0007	
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC				< 0.00002	
Prometryne	mg/L	0.001	IMAC				< 0.0002	
Simazine	mg/L	0.01	IMAC				< 0.0002	
Temephos	mg/L	0.28	IMAC				< 0.003	
Terbufos	mg/L	0.001	IMAC				< 0.0002	
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
Triallate	mg/L	0.23	MAC					< 0.004
Trichloroethene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Trifluralin	mg/L	0.045	IMAC				< 0.000006	
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002	

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Inorganics Test Results

Reading	Units	ODWS		11/01/2010	12/04/2010	12/07/2010	18/10/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0004	0.0005	0.0007	0.0006
Arsenic as As	mg/L	0.025	IMAC	0.001	0.0009	0.0008	0.0008
Barium as Ba	mg/L	1	MAC		0.0229		
Boron as B	mg/L	5	IMAC		0.026		
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	< 0.0001	0.0002	0.0002	0.0006
Fluoride as F	mg/L	1.5	MAC	0.127	0.547	0.48	0.51
Lead as Pb	mg/L	0.01	MAC	0.0002	0.0002	0.0007	0.0003
Mercury as Hg	mg/L	0.001	MAC		< 0.00002		
Nitrate + Nitrite as N	mg/L	10	MAC	0.41	0.42	0.315	0.363
Nitrate as N	mg/L	10	MAC	0.414	0.415	0.315	0.363
Nitrite	mg/L	1	MAC	< 0.002	< 0.002	< 0.002	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.0008	0.0001	0.0003	0.0003
Sodium as Na	mg/L	200	AO	13.7	14.1	13.4	13
Uranium as U	mg/L	0.02	MAC		0.0004		

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MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Organics Test Results

Reading	Units	ODWS	11/01/2010	12/04/2010	12/07/2010	18/10/2010	25/10/2010
(DDT) + Metabolites	mg/L	0.03	MAC			< 0.000008	
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC			< 0.0005	
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC			< 0.0005	
2,4,6-Trichlorophenol	mg/L	0.005	MAC			< 0.0005	
2,4-Dichlorophenol	mg/L	0.9	MAC			< 0.0007	
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC			< 0.0008	
Alachlor	mg/L	0.005	IMAC			< 0.0004	
Aldicarb	mg/L	0.009	MAC				< 0.0045
Aldrin + Dieldrin	mg/L	0.0007	MAC			< 0.000006	
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC			< 0.0002	
Azinphos-methyl	mg/L	0.02	MAC			< 0.0003	
Bendiocarb	mg/L	0.04	MAC				< 0.003
Benzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.00001	MAC			< 0.00001	
Bromoxynil	mg/L	0.005	IMAC			< 0.0004	
Carbaryl	mg/L	0.09	MAC				< 0.003
Carbofuran	mg/L	0.09	MAC				< 0.003
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chlordane (Total)	mg/L	0.007	MAC			< 0.000006	
Chlorpyrifos	mg/L	0.09	MAC			< 0.0002	
Cyanazine	mg/L	0.01	IMAC			< 0.0003	
Diazinon	mg/L	0.02	MAC			< 0.0002	
Dicamba	mg/L	0.12	MAC			< 0.0004	
Dichloromethane	mg/L	0.05	MAC	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Diclofop-methyl	mg/L	0.009	MAC			< 0.0004	
Dimethoate	mg/L	0.02	IMAC			< 0.0003	
Dinoseb	mg/L	0.01	MAC			< 0.0005	
Diquat	mg/L	0.07	MAC				< 0.001
Diuron	mg/L	0.15	MAC				< 0.003
Glyphosate	mg/L	0.28	IMAC				< 0.025
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC			< 0.000008	
Lindane	mg/L	0.004	MAC			< 0.000005	
Malathion	mg/L	0.19	MAC			< 0.0002	
Methoxychlor	mg/L	0.9	MAC			< 0.000009	
Metolachlor	mg/L	0.05	IMAC			< 0.0002	
Metribuzin	mg/L	0.08	MAC			< 0.0003	
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Paraquat	mg/L	0.01	IMAC				< 0.001
Parathion	mg/L	0.05	MAC			< 0.0002	



Organics Test Results

Reading	Units	ODWS		11/01/2010	12/04/2010	12/07/2010	18/10/2010	25/10/2010
Pentachlorophenol	mg/L	0.06	MAC				< 0.0004	
Phorate	mg/L	0.002	IMAC				< 0.0002	
Picloram	mg/L	0.19	IMAC				< 0.0007	
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC				< 0.00002	
Prometryne	mg/L	0.001	IMAC				< 0.0002	
Simazine	mg/L	0.01	IMAC				< 0.0002	
Temephos	mg/L	0.28	IMAC				< 0.003	
Terbufos	mg/L	0.001	IMAC				< 0.0002	
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
Triallate	mg/L	0.23	MAC					< 0.004
Trichloroethene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Trifluralin	mg/L	0.045	IMAC				< 0.000006	
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002	

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Inorganics Test Results

Reading	Units	ODWS		11/01/2010	12/04/2010	12/07/2010	18/10/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0004	0.0004	0.0007	0.0006
Arsenic as As	mg/L	0.025	IMAC	0.001	0.0009	0.0008	0.0008
Barium as Ba	mg/L	1	MAC		0.0226		
Boron as B	mg/L	5	IMAC		0.027		
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	< 0.0001	0.0002	0.0002	0.0006
Fluoride as F	mg/L	1.5	MAC	0.12	0.572	0.51	0.5
Lead as Pb	mg/L	0.01	MAC	0.0001	0.0002	0.0001	< 0.0001
Mercury as Hg	mg/L	0.001	MAC		< 0.00002		
Nitrate + Nitrite as N	mg/L	10	MAC	0.41	0.41	0.312	0.326
Nitrate as N	mg/L	10	MAC	0.412	0.41	0.312	0.326
Nitrite	mg/L	1	MAC	< 0.002	< 0.002	< 0.002	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.0008	0.0003	0.0002	0.0003
Sodium as Na	mg/L	200	AO	13.7	14.2	13.6	13.1
Uranium as U	mg/L	0.02	MAC		0.0004		

"<": indicates the result is below Method Detection Limit  
 ODWS: Ontario Drinking Water Standard  
 MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)  
 AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)  
 mg/L: milligrams per litre, parts permillion (ppm)



Organics Test Results

Reading	Units	ODWS	11/01/2010	12/04/2010	12/07/2010	18/10/2010	25/10/2010
(DDT) + Metabolites	mg/L	0.03	MAC			< 0.000008	
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC			< 0.0005	
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC			< 0.0005	
2,4,6-Trichlorophenol	mg/L	0.005	MAC			< 0.0005	
2,4-Dichlorophenol	mg/L	0.9	MAC			< 0.0007	
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC			< 0.0008	
Alachlor	mg/L	0.005	IMAC			< 0.0004	
Aldicarb	mg/L	0.009	MAC				< 0.0045
Aldrin + Dieldrin	mg/L	0.0007	MAC			< 0.000006	
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC			< 0.0002	
Azinphos-methyl	mg/L	0.02	MAC			< 0.0003	
Bendiocarb	mg/L	0.04	MAC				< 0.003
Benzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.00001	MAC			< 0.00001	
Bromoxynil	mg/L	0.005	IMAC			< 0.0004	
Carbaryl	mg/L	0.09	MAC				< 0.003
Carbofuran	mg/L	0.09	MAC				< 0.003
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chlordane (Total)	mg/L	0.007	MAC			< 0.000006	
Chlorpyrifos	mg/L	0.09	MAC			< 0.0002	
Cyanazine	mg/L	0.01	IMAC			< 0.0003	
Diazinon	mg/L	0.02	MAC			< 0.0002	
Dicamba	mg/L	0.12	MAC			< 0.0004	
Dichloromethane	mg/L	0.05	MAC	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Diclofop-methyl	mg/L	0.009	MAC			< 0.0004	
Dimethoate	mg/L	0.02	IMAC			< 0.0003	
Dinoseb	mg/L	0.01	MAC			< 0.0005	
Diquat	mg/L	0.07	MAC				< 0.001
Diuron	mg/L	0.15	MAC				< 0.003
Glyphosate	mg/L	0.28	IMAC				< 0.025
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC			< 0.000008	
Lindane	mg/L	0.004	MAC			< 0.000005	
Malathion	mg/L	0.19	MAC			< 0.0002	
Methoxychlor	mg/L	0.9	MAC			< 0.000009	
Metolachlor	mg/L	0.05	IMAC			< 0.0002	
Metribuzin	mg/L	0.08	MAC			< 0.0003	
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Paraquat	mg/L	0.01	IMAC				< 0.001
Parathion	mg/L	0.05	MAC			< 0.0002	



Organics Test Results

Reading	Units	ODWS		11/01/2010	12/04/2010	12/07/2010	18/10/2010	25/10/2010
Pentachlorophenol	mg/L	0.06	MAC				< 0.0004	
Phorate	mg/L	0.002	IMAC				< 0.0002	
Picloram	mg/L	0.19	IMAC				< 0.0007	
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC				< 0.00002	
Prometryne	mg/L	0.001	IMAC				< 0.0002	
Simazine	mg/L	0.01	IMAC				< 0.0002	
Temephos	mg/L	0.28	IMAC				< 0.003	
Terbufos	mg/L	0.001	IMAC				< 0.0002	
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
Triallate	mg/L	0.23	MAC					< 0.004
Trichloroethene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Trifluralin	mg/L	0.045	IMAC				< 0.000006	
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002	

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Inorganics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0009	0.0004	0.0007	0.0006
Arsenic as As	mg/L	0.025	IMAC	0.0007	0.0006	0.0005	0.0009
Barium as Ba	mg/L	1	MAC		0.0228		
Boron as B	mg/L	5	IMAC		0.029		
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	< 0.0001	0.0003	0.0003	0.0006
Fluoride as F	mg/L	1.5	MAC	0.536	0.53	0.42	0.44
Lead as Pb	mg/L	0.01	MAC	< 0.0001	0.0001	< 0.0001	0.0003
Mercury as Hg	mg/L	0.001	MAC		< 0.00002		
Nitrate + Nitrite as N	mg/L	10	MAC	0.44	0.5	0.37	0.343
Nitrate as N	mg/L	10	MAC	0.439	0.495	0.37	0.343
Nitrite	mg/L	1	MAC	< 0.002	< 0.002	< 0.002	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.0006	0.0003	0.0003	0.0002
Sodium as Na	mg/L	200	AO	14.7	19.1	14.9	15
Uranium as U	mg/L	0.02	MAC		0.0003		

"<": indicates the result is below Method Detection Limit  
 ODWS: Ontario Drinking Water Standard  
 MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)  
 AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)  
 mg/L: milligrams per litre, parts permillion (ppm)



Organics Test Results

Reading	Units	ODWS	25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010	23/11/2010
(DDT) + Metabolites	mg/L	0.03	MAC					< 0.000008
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC				< 0.0005	
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC				< 0.0005	
2,4,6-Trichlorophenol	mg/L	0.005	MAC				< 0.0005	
2,4-Dichlorophenol	mg/L	0.9	MAC				< 0.0007	
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC				< 0.0008	
Alachlor	mg/L	0.005	IMAC				< 0.0004	
Aldicarb	mg/L	0.009	MAC				< 0.0045	
Aldrin + Dieldrin	mg/L	0.0007	MAC					< 0.000006
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC				< 0.0002	
Azinphos-methyl	mg/L	0.02	MAC				< 0.0003	
Bendiocarb	mg/L	0.04	MAC				< 0.003	
Benzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.00001	MAC				< 0.00001	
Bromoxynil	mg/L	0.005	IMAC				< 0.0004	
Carbaryl	mg/L	0.09	MAC				< 0.003	
Carbofuran	mg/L	0.09	MAC				< 0.003	
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002	
Chlordane (Total)	mg/L	0.007	MAC					< 0.000006
Chlorpyrifos	mg/L	0.09	MAC				< 0.0002	
Cyanazine	mg/L	0.01	IMAC				< 0.0003	
Diazinon	mg/L	0.02	MAC				< 0.0002	
Dicamba	mg/L	0.12	MAC				< 0.0004	
Dichloromethane	mg/L	0.05	MAC	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Diclofop-methyl	mg/L	0.009	MAC				< 0.0004	
Dimethoate	mg/L	0.02	IMAC				< 0.0003	
Dinoseb	mg/L	0.01	MAC				< 0.0005	
Diquat	mg/L	0.07	MAC				< 0.001	
Diuron	mg/L	0.15	MAC				< 0.003	
Glyphosate	mg/L	0.28	IMAC				< 0.025	
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC					< 0.000008
Lindane	mg/L	0.004	MAC					< 0.000005
Malathion	mg/L	0.19	MAC				< 0.0002	
Methoxychlor	mg/L	0.9	MAC					< 0.000009
Metolachlor	mg/L	0.05	IMAC				< 0.0002	
Metribuzin	mg/L	0.08	MAC				< 0.0003	
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Paraquat	mg/L	0.01	IMAC				< 0.001	
Parathion	mg/L	0.05	MAC				< 0.0002	



Organics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010	23/11/2010
Pentachlorophenol	mg/L	0.06	MAC				< 0.0004		
Phorate	mg/L	0.002	IMAC				< 0.0002		
Picloram	mg/L	0.19	IMAC				< 0.0007		
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC						< 0.00002
Prometryne	mg/L	0.001	IMAC				< 0.0002		
Simazine	mg/L	0.01	IMAC				< 0.0002		
Temephos	mg/L	0.28	IMAC				< 0.003		
Terbufos	mg/L	0.001	IMAC				< 0.0002		
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003		
Triallate	mg/L	0.23	MAC					< 0.004	
Trichloroethene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001		
Trifluralin	mg/L	0.045	IMAC						< 0.000006
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002		

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Inorganics Test Results

Reading	Units	ODWS		11/01/2010	12/04/2010	12/07/2010	18/10/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0005	0.0005	0.0007	0.0006
Arsenic as As	mg/L	0.025	IMAC	0.0009	0.0009	0.0007	0.0008
Barium as Ba	mg/L	1	MAC		0.023		
Boron as B	mg/L	5	IMAC		0.027		
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	< 0.0001	0.0002	0.0002	0.0006
Fluoride as F	mg/L	1.5	MAC	0.149	0.563	0.5	0.5
Lead as Pb	mg/L	0.01	MAC	< 0.0001	0.0001	< 0.0001	< 0.0001
Mercury as Hg	mg/L	0.001	MAC		< 0.00002		
Nitrate + Nitrite as N	mg/L	10	MAC	0.42	0.4	0.321	0.356
Nitrate as N	mg/L	10	MAC	0.417	0.396	0.321	0.356
Nitrite	mg/L	1	MAC	< 0.002	< 0.002	< 0.002	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.0009	0.0004	0.0001	0.0003
Sodium as Na	mg/L	200	AO	13.8	14.2	13.6	13
Uranium as U	mg/L	0.02	MAC		0.0004		

"<": indicates the result is below Method Detection Limit  
 ODWS: Ontario Drinking Water Standard  
 MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)  
 AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)  
 mg/L: milligrams per litre, parts permillion (ppm)



Organics Test Results

Reading	Units	ODWS	11/01/2010	12/04/2010	12/07/2010	18/10/2010	25/10/2010
(DDT) + Metabolites	mg/L	0.03	MAC			< 0.000008	
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC			< 0.0005	
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC			< 0.0005	
2,4,6-Trichlorophenol	mg/L	0.005	MAC			< 0.0005	
2,4-Dichlorophenol	mg/L	0.9	MAC			< 0.0007	
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC			< 0.0008	
Alachlor	mg/L	0.005	IMAC			< 0.0004	
Aldicarb	mg/L	0.009	MAC				< 0.0045
Aldrin + Dieldrin	mg/L	0.0007	MAC			< 0.000006	
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC			< 0.0002	
Azinphos-methyl	mg/L	0.02	MAC			< 0.0003	
Bendiocarb	mg/L	0.04	MAC				< 0.003
Benzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.00001	MAC			< 0.00001	
Bromoxynil	mg/L	0.005	IMAC			< 0.0004	
Carbaryl	mg/L	0.09	MAC				< 0.003
Carbofuran	mg/L	0.09	MAC				< 0.003
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chlordane (Total)	mg/L	0.007	MAC			< 0.000006	
Chlorpyrifos	mg/L	0.09	MAC			< 0.0002	
Cyanazine	mg/L	0.01	IMAC			< 0.0003	
Diazinon	mg/L	0.02	MAC			< 0.0002	
Dicamba	mg/L	0.12	MAC			< 0.0004	
Dichloromethane	mg/L	0.05	MAC	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Diclofop-methyl	mg/L	0.009	MAC			< 0.0004	
Dimethoate	mg/L	0.02	IMAC			< 0.0003	
Dinoseb	mg/L	0.01	MAC			< 0.0005	
Diquat	mg/L	0.07	MAC				< 0.001
Diuron	mg/L	0.15	MAC				< 0.003
Glyphosate	mg/L	0.28	IMAC				< 0.025
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC			< 0.000008	
Lindane	mg/L	0.004	MAC			< 0.000005	
Malathion	mg/L	0.19	MAC			< 0.0002	
Methoxychlor	mg/L	0.9	MAC			< 0.000009	
Metolachlor	mg/L	0.05	IMAC			< 0.0002	
Metribuzin	mg/L	0.08	MAC			< 0.0003	
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Paraquat	mg/L	0.01	IMAC				< 0.001
Parathion	mg/L	0.05	MAC			< 0.0002	



Organics Test Results

Reading	Units	ODWS		11/01/2010	12/04/2010	12/07/2010	18/10/2010	25/10/2010
Pentachlorophenol	mg/L	0.06	MAC				< 0.0004	
Phorate	mg/L	0.002	IMAC				< 0.0002	
Picloram	mg/L	0.19	IMAC				< 0.0007	
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC				< 0.00002	
Prometryne	mg/L	0.001	IMAC				< 0.0002	
Simazine	mg/L	0.01	IMAC				< 0.0002	
Temephos	mg/L	0.28	IMAC				< 0.003	
Terbufos	mg/L	0.001	IMAC				< 0.0002	
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
Triallate	mg/L	0.23	MAC					< 0.004
Trichloroethene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Trifluralin	mg/L	0.045	IMAC				< 0.000006	
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002	

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Inorganics Test Results

Reading	Units	ODWS		20/01/2010	14/04/2010	15/07/2010	06/10/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0007	0.0007	0.0006	0.0009
Arsenic as As	mg/L	0.025	IMAC	0.0008	0.0006	0.0007	0.0008
Barium as Ba	mg/L	1	MAC		0.0222		
Boron as B	mg/L	5	IMAC		0.02		
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	< 0.0001	< 0.0001	< 0.0001	0.0001
Fluoride as F	mg/L	1.5	MAC	0.445	0.454	0.47	0.49
Lead as Pb	mg/L	0.01	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Mercury as Hg	mg/L	0.001	MAC		< 0.00002		
Nitrate + Nitrite as N	mg/L	10	MAC	0.41	0.4	0.329	0.361
Nitrate as N	mg/L	10	MAC	0.409	0.401	0.329	0.361
Nitrite	mg/L	1	MAC	< 0.002	< 0.002	< 0.002	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.0006	< 0.0001	0.0003	0.0004
Sodium as Na	mg/L	200	AO	14.2	16.7	14.3	14.1
Uranium as U	mg/L	0.02	MAC		0.0003		

"<": indicates the result is below Method Detection Limit  
 ODWS: Ontario Drinking Water Standard  
 MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)  
 AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)  
 mg/L: milligrams per litre, parts permillion (ppm)



Organics Test Results

Reading	Units	ODWS	20/01/2010	14/04/2010	15/07/2010	02/08/2010	06/10/2010
(DDT) + Metabolites	mg/L	0.03	MAC		< 0.000008		
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC		< 0.0005		
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC		< 0.0005		
2,4,6-Trichlorophenol	mg/L	0.005	MAC		< 0.0005		
2,4-Dichlorophenol	mg/L	0.9	MAC		< 0.0007		
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC		< 0.0008		
Alachlor	mg/L	0.005	IMAC		< 0.0004		
Aldicarb	mg/L	0.009	MAC			< 0.0045	
Aldrin + Dieldrin	mg/L	0.0007	MAC		< 0.000006		
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC		< 0.0002		
Azinphos-methyl	mg/L	0.02	MAC		< 0.0003		
Bendiocarb	mg/L	0.04	MAC			< 0.003	
Benzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.00001	MAC		< 0.00001		
Bromoxynil	mg/L	0.005	IMAC		< 0.0004		
Carbaryl	mg/L	0.09	MAC			< 0.003	
Carbofuran	mg/L	0.09	MAC			< 0.003	
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chlordane (Total)	mg/L	0.007	MAC		< 0.000006		
Chlorpyrifos	mg/L	0.09	MAC		< 0.0002		
Cyanazine	mg/L	0.01	IMAC		< 0.0003		
Diazinon	mg/L	0.02	MAC		< 0.0002		
Dicamba	mg/L	0.12	MAC		< 0.0004		
Dichloromethane	mg/L	0.05	MAC	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Diclofop-methyl	mg/L	0.009	MAC		< 0.0004		
Dimethoate	mg/L	0.02	IMAC		< 0.0003		
Dinoseb	mg/L	0.01	MAC		< 0.0005		
Diquat	mg/L	0.07	MAC		< 0.001		
Diuron	mg/L	0.15	MAC			< 0.003	
Glyphosate	mg/L	0.28	IMAC		< 0.025		
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC		< 0.000008		
Lindane	mg/L	0.004	MAC		< 0.000005		
Malathion	mg/L	0.19	MAC		< 0.0002		
Methoxychlor	mg/L	0.9	MAC		< 0.000009		
Metolachlor	mg/L	0.05	IMAC		< 0.0002		
Metribuzin	mg/L	0.08	MAC		< 0.0003		
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Paraquat	mg/L	0.01	IMAC		< 0.001		
Parathion	mg/L	0.05	MAC		< 0.0002		



Organics Test Results

Reading	Units	ODWS	20/01/2010	14/04/2010	15/07/2010	02/08/2010	06/10/2010
Pentachlorophenol	mg/L	0.06	MAC		< 0.0004		
Phorate	mg/L	0.002	IMAC		< 0.0002		
Picloram	mg/L	0.19	IMAC		< 0.0007		
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC		< 0.00002		
Prometryne	mg/L	0.001	IMAC		< 0.0002		
Simazine	mg/L	0.01	IMAC		< 0.0002		
Temephos	mg/L	0.28	IMAC		< 0.003		
Terbufos	mg/L	0.001	IMAC		< 0.0002		
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Triallate	mg/L	0.23	MAC			< 0.004	
Trichloroethene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Trifluralin	mg/L	0.045	IMAC			< 0.000006	
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Inorganics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0008	0.0004	0.0007	0.0006
Arsenic as As	mg/L	0.025	IMAC	0.0008	0.0007	0.0007	0.0008
Barium as Ba	mg/L	1	MAC		0.0231		
Boron as B	mg/L	5	IMAC		0.027		
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	< 0.0001	0.0003	0.0003	0.0005
Fluoride as F	mg/L	1.5	MAC	0.452	0.488	0.51	0.5
Lead as Pb	mg/L	0.01	MAC	< 0.0001	0.0002	< 0.0001	< 0.0001
Mercury as Hg	mg/L	0.001	MAC		< 0.00002		
Nitrate + Nitrite as N	mg/L	10	MAC	1.03	0.43	0.347	0.365
Nitrate as N	mg/L	10	MAC	1.03	0.429	0.347	0.365
Nitrite	mg/L	1	MAC	< 0.002	< 0.002	< 0.002	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.0005	0.0005	0.0002	0.0002
Sodium as Na	mg/L	200	AO	13.9	15.5	14.1	13.8
Uranium as U	mg/L	0.02	MAC		0.0003		

"<": indicates the result is below Method Detection Limit  
 ODWS: Ontario Drinking Water Standard  
 MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)  
 AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)  
 mg/L: milligrams per litre, parts permillion (ppm)



Organics Test Results

Reading	Units	ODWS	25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010	23/11/2010
(DDT) + Metabolites	mg/L	0.03	MAC					< 0.000008
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC				< 0.0005	
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC				< 0.0005	
2,4,6-Trichlorophenol	mg/L	0.005	MAC				< 0.0005	
2,4-Dichlorophenol	mg/L	0.9	MAC				< 0.0007	
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC				< 0.0008	
Alachlor	mg/L	0.005	IMAC				< 0.0004	
Aldicarb	mg/L	0.009	MAC				< 0.0045	
Aldrin + Dieldrin	mg/L	0.0007	MAC					< 0.000006
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC				< 0.0002	
Azinphos-methyl	mg/L	0.02	MAC				< 0.0003	
Bendiocarb	mg/L	0.04	MAC				< 0.003	
Benzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.00001	MAC				< 0.00001	
Bromoxynil	mg/L	0.005	IMAC				< 0.0004	
Carbaryl	mg/L	0.09	MAC				< 0.003	
Carbofuran	mg/L	0.09	MAC				< 0.003	
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002	
Chlordane (Total)	mg/L	0.007	MAC					< 0.000006
Chlorpyrifos	mg/L	0.09	MAC				< 0.0002	
Cyanazine	mg/L	0.01	IMAC				< 0.0003	
Diazinon	mg/L	0.02	MAC				< 0.0002	
Dicamba	mg/L	0.12	MAC				< 0.0004	
Dichloromethane	mg/L	0.05	MAC	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Diclofop-methyl	mg/L	0.009	MAC				< 0.0004	
Dimethoate	mg/L	0.02	IMAC				< 0.0003	
Dinoseb	mg/L	0.01	MAC				< 0.0005	
Diquat	mg/L	0.07	MAC				< 0.001	
Diuron	mg/L	0.15	MAC				< 0.003	
Glyphosate	mg/L	0.28	IMAC				< 0.025	
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC					< 0.000008
Lindane	mg/L	0.004	MAC					< 0.000005
Malathion	mg/L	0.19	MAC				< 0.0002	
Methoxychlor	mg/L	0.9	MAC					< 0.000009
Metolachlor	mg/L	0.05	IMAC				< 0.0002	
Metribuzin	mg/L	0.08	MAC				< 0.0003	
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Paraquat	mg/L	0.01	IMAC				< 0.001	
Parathion	mg/L	0.05	MAC				< 0.0002	



Organics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010	23/11/2010
Pentachlorophenol	mg/L	0.06	MAC				< 0.0004		
Phorate	mg/L	0.002	IMAC				< 0.0002		
Picloram	mg/L	0.19	IMAC				< 0.0007		
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC						< 0.00002
Prometryne	mg/L	0.001	IMAC				< 0.0002		
Simazine	mg/L	0.01	IMAC				< 0.0002		
Temephos	mg/L	0.28	IMAC				< 0.003		
Terbufos	mg/L	0.001	IMAC				< 0.0002		
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003		
Triallate	mg/L	0.23	MAC					< 0.004	
Trichloroethene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001		
Trifluralin	mg/L	0.045	IMAC						< 0.000006
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002		

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Inorganics Test Results

Reading	Units	ODWS		15/07/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0008
Arsenic as As	mg/L	0.025	IMAC	0.0006
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	< 0.0001
Fluoride as F	mg/L	1.5	MAC	0.47
Lead as Pb	mg/L	0.01	MAC	0.0001
Nitrate + Nitrite as N	mg/L	10	MAC	0.331
Nitrate as N	mg/L	10	MAC	0.331
Nitrite	mg/L	1	MAC	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.0003
Sodium as Na	mg/L	200	AO	14.3

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



### Organics Test Results

Reading	Units	ODWS		15/07/2010
(DDT) + Metabolites	mg/L	0.03	MAC	< 0.000008
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC	< 0.0005
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC	< 0.0005
2,4,6-Trichlorophenol	mg/L	0.005	MAC	< 0.0005
2,4-Dichlorophenol	mg/L	0.9	MAC	< 0.0007
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC	< 0.0008
Alachlor	mg/L	0.005	IMAC	< 0.0004
Aldicarb	mg/L	0.009	MAC	< 0.0045
Aldrin + Dieldrin	mg/L	0.0007	MAC	< 0.000006
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC	< 0.0002
Azinphos-methyl	mg/L	0.02	MAC	< 0.0003
Bendiocarb	mg/L	0.04	MAC	< 0.003
Benzene	mg/L	0.005	MAC	< 0.0001
Benzo(a)pyrene	mg/L	0.00001	MAC	< 0.00001
Bromoxynil	mg/L	0.005	IMAC	< 0.0004
Carbaryl	mg/L	0.09	MAC	< 0.003
Carbofuran	mg/L	0.09	MAC	< 0.003
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002
Chlordane (Total)	mg/L	0.007	MAC	< 0.000006
Chlorpyrifos	mg/L	0.09	MAC	< 0.0002
Cyanazine	mg/L	0.01	IMAC	< 0.0003
Diazinon	mg/L	0.02	MAC	< 0.0002
Dicamba	mg/L	0.12	MAC	< 0.0004
Dichloromethane	mg/L	0.05	MAC	< 0.0005
Diclofop-methyl	mg/L	0.009	MAC	< 0.0004
Dimethoate	mg/L	0.02	IMAC	< 0.0003
Dinoseb	mg/L	0.01	MAC	< 0.0005
Diquat	mg/L	0.07	MAC	< 0.001
Diuron	mg/L	0.15	MAC	< 0.003
Glyphosate	mg/L	0.28	IMAC	< 0.025
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC	< 0.000008
Lindane	mg/L	0.004	MAC	< 0.000005
Malathion	mg/L	0.19	MAC	< 0.0002
Methoxychlor	mg/L	0.9	MAC	< 0.000009
Metolachlor	mg/L	0.05	IMAC	< 0.0002
Metribuzin	mg/L	0.08	MAC	< 0.0003
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001
Paraquat	mg/L	0.01	IMAC	< 0.001
Parathion	mg/L	0.05	MAC	< 0.0002



Organics Test Results

Reading	Units	ODWS		15/07/2010
Pentachlorophenol	mg/L	0.06	MAC	< 0.0004
Phorate	mg/L	0.002	IMAC	< 0.0002
Picloram	mg/L	0.19	IMAC	< 0.0007
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC	< 0.00002
Prometryne	mg/L	0.001	IMAC	< 0.0002
Simazine	mg/L	0.01	IMAC	< 0.0002
Temephos	mg/L	0.28	IMAC	< 0.003
Terbufos	mg/L	0.001	IMAC	< 0.0002
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003
Triallate	mg/L	0.23	MAC	< 0.004
Trichloroethene	mg/L	0.005	MAC	< 0.0001
Trifluralin	mg/L	0.045	IMAC	< 0.000006
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Inorganics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0008	0.0005	0.0006	0.0005
Arsenic as As	mg/L	0.025	IMAC	0.0007	0.0006	0.0009	0.0008
Barium as Ba	mg/L	1	MAC		0.0228		
Boron as B	mg/L	5	IMAC		0.029		
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	< 0.0001	0.0004	0.0007	0.0006
Fluoride as F	mg/L	1.5	MAC	0.533	0.541	0.43	0.44
Lead as Pb	mg/L	0.01	MAC	< 0.0001	0.0001	0.0044	< 0.0001
Mercury as Hg	mg/L	0.001	MAC		< 0.00002		
Nitrate + Nitrite as N	mg/L	10	MAC	0.45	0.48	0.372	0.366
Nitrate as N	mg/L	10	MAC	0.454	0.483	0.372	0.366
Nitrite	mg/L	1	MAC	< 0.002	< 0.002	< 0.002	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.0006	0.0003	0.0002	0.0002
Sodium as Na	mg/L	200	AO	14.8	19	14.9	15.1
Uranium as U	mg/L	0.02	MAC		0.0003		

"<": indicates the result is below Method Detection Limit  
 ODWS: Ontario Drinking Water Standard  
 MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)  
 AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)  
 mg/L: milligrams per litre, parts permillion (ppm)



Organics Test Results

Reading	Units	ODWS	25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010	23/11/2010
(DDT) + Metabolites	mg/L	0.03	MAC					< 0.000008
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC				< 0.0005	
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC				< 0.0005	
2,4,6-Trichlorophenol	mg/L	0.005	MAC				< 0.0005	
2,4-Dichlorophenol	mg/L	0.9	MAC				< 0.0007	
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC				< 0.0008	
Alachlor	mg/L	0.005	IMAC				< 0.0004	
Aldicarb	mg/L	0.009	MAC				< 0.0045	
Aldrin + Dieldrin	mg/L	0.0007	MAC					< 0.000006
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC				< 0.0002	
Azinphos-methyl	mg/L	0.02	MAC				< 0.0003	
Bendiocarb	mg/L	0.04	MAC				< 0.003	
Benzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.00001	MAC				< 0.00001	
Bromoxynil	mg/L	0.005	IMAC				< 0.0004	
Carbaryl	mg/L	0.09	MAC				< 0.003	
Carbofuran	mg/L	0.09	MAC				< 0.003	
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002	
Chlordane (Total)	mg/L	0.007	MAC					< 0.000006
Chlorpyrifos	mg/L	0.09	MAC				< 0.0002	
Cyanazine	mg/L	0.01	IMAC				< 0.0003	
Diazinon	mg/L	0.02	MAC				< 0.0002	
Dicamba	mg/L	0.12	MAC				< 0.0004	
Dichloromethane	mg/L	0.05	MAC	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Diclofop-methyl	mg/L	0.009	MAC				< 0.0004	
Dimethoate	mg/L	0.02	IMAC				< 0.0003	
Dinoseb	mg/L	0.01	MAC				< 0.0005	
Diquat	mg/L	0.07	MAC				< 0.001	
Diuron	mg/L	0.15	MAC				< 0.003	
Glyphosate	mg/L	0.28	IMAC				< 0.025	
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC					< 0.000008
Lindane	mg/L	0.004	MAC					< 0.000005
Malathion	mg/L	0.19	MAC				< 0.0002	
Methoxychlor	mg/L	0.9	MAC					< 0.000009
Metolachlor	mg/L	0.05	IMAC				< 0.0002	
Metribuzin	mg/L	0.08	MAC				< 0.0003	
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Paraquat	mg/L	0.01	IMAC				< 0.001	
Parathion	mg/L	0.05	MAC				< 0.0002	



Organics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010	23/11/2010
Pentachlorophenol	mg/L	0.06	MAC				< 0.0004		
Phorate	mg/L	0.002	IMAC				< 0.0002		
Picloram	mg/L	0.19	IMAC				< 0.0007		
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC						< 0.00002
Prometryne	mg/L	0.001	IMAC				< 0.0002		
Simazine	mg/L	0.01	IMAC				< 0.0002		
Temephos	mg/L	0.28	IMAC				< 0.003		
Terbufos	mg/L	0.001	IMAC				< 0.0002		
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003		
Triallate	mg/L	0.23	MAC					< 0.004	
Trichloroethene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001		
Trifluralin	mg/L	0.045	IMAC						< 0.000006
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002		

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Inorganics Test Results

Reading	Units	ODWS		11/01/2010	12/04/2010	12/07/2010	18/10/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0005	0.0005	0.0007	0.0006
Arsenic as As	mg/L	0.025	IMAC	0.0014	0.0006	0.0005	0.0009
Barium as Ba	mg/L	1	MAC		0.0227		
Boron as B	mg/L	5	IMAC		0.029		
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	0.0001	0.0003	0.0003	0.0006
Fluoride as F	mg/L	1.5	MAC	0.439	0.528	0.49	0.5
Lead as Pb	mg/L	0.01	MAC	0.0002	0.0001	< 0.0001	< 0.0001
Mercury as Hg	mg/L	0.001	MAC		< 0.00002		
Nitrate + Nitrite as N	mg/L	10	MAC	0.46	0.46	0.315	0.372
Nitrate as N	mg/L	10	MAC	0.461	0.461	0.315	0.372
Nitrite	mg/L	1	MAC	< 0.002	< 0.002	< 0.002	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.001	0.0003	0.0002	0.0004
Sodium as Na	mg/L	200	AO	13.9	18	14	13.4
Uranium as U	mg/L	0.02	MAC		0.0003		

"<": indicates the result is below Method Detection Limit  
 ODWS: Ontario Drinking Water Standard  
 MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)  
 AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)  
 mg/L: milligrams per litre, parts permillion (ppm)



Organics Test Results

Reading	Units	ODWS	11/01/2010	12/04/2010	12/07/2010	18/10/2010	25/10/2010
(DDT) + Metabolites	mg/L	0.03	MAC			< 0.000008	
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC			< 0.0005	
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC			< 0.0005	
2,4,6-Trichlorophenol	mg/L	0.005	MAC			< 0.0005	
2,4-Dichlorophenol	mg/L	0.9	MAC			< 0.0007	
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC			< 0.0008	
Alachlor	mg/L	0.005	IMAC			< 0.0004	
Aldicarb	mg/L	0.009	MAC				< 0.0045
Aldrin + Dieldrin	mg/L	0.0007	MAC			< 0.000006	
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC			< 0.0002	
Azinphos-methyl	mg/L	0.02	MAC			< 0.0003	
Bendiocarb	mg/L	0.04	MAC				< 0.003
Benzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.00001	MAC			< 0.00001	
Bromoxynil	mg/L	0.005	IMAC			< 0.0004	
Carbaryl	mg/L	0.09	MAC				< 0.003
Carbofuran	mg/L	0.09	MAC				< 0.003
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chlordane (Total)	mg/L	0.007	MAC			< 0.000006	
Chlorpyrifos	mg/L	0.09	MAC			< 0.0002	
Cyanazine	mg/L	0.01	IMAC			< 0.0003	
Diazinon	mg/L	0.02	MAC			< 0.0002	
Dicamba	mg/L	0.12	MAC			< 0.0004	
Dichloromethane	mg/L	0.05	MAC	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Diclofop-methyl	mg/L	0.009	MAC			< 0.0004	
Dimethoate	mg/L	0.02	IMAC			< 0.0003	
Dinoseb	mg/L	0.01	MAC			< 0.0005	
Diquat	mg/L	0.07	MAC				< 0.001
Diuron	mg/L	0.15	MAC				< 0.003
Glyphosate	mg/L	0.28	IMAC				< 0.025
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC			< 0.000008	
Lindane	mg/L	0.004	MAC			< 0.000005	
Malathion	mg/L	0.19	MAC			< 0.0002	
Methoxychlor	mg/L	0.9	MAC			< 0.000009	
Metolachlor	mg/L	0.05	IMAC			< 0.0002	
Metribuzin	mg/L	0.08	MAC			< 0.0003	
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Paraquat	mg/L	0.01	IMAC				< 0.001
Parathion	mg/L	0.05	MAC			< 0.0002	



Organics Test Results

Reading	Units	ODWS		11/01/2010	12/04/2010	12/07/2010	18/10/2010	25/10/2010
Pentachlorophenol	mg/L	0.06	MAC				< 0.0004	
Phorate	mg/L	0.002	IMAC				< 0.0002	
Picloram	mg/L	0.19	IMAC				< 0.0007	
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC				< 0.00002	
Prometryne	mg/L	0.001	IMAC				< 0.0002	
Simazine	mg/L	0.01	IMAC				< 0.0002	
Temephos	mg/L	0.28	IMAC				< 0.003	
Terbufos	mg/L	0.001	IMAC				< 0.0002	
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
Triallate	mg/L	0.23	MAC					< 0.004
Trichloroethene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Trifluralin	mg/L	0.045	IMAC				< 0.000006	
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002	

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)



Inorganics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010
Antimony as Sb	mg/L	0.006	IMAC	0.0008	0.0005	0.0007	0.0006
Arsenic as As	mg/L	0.025	IMAC	0.0006	0.0006	0.0006	0.0006
Barium as Ba	mg/L	1	MAC		0.0235		
Boron as B	mg/L	5	IMAC		0.029		
Cadmium as Cd	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium as Cr	mg/L	0.05	MAC	< 0.0001	0.0004	0.0002	0.0005
Fluoride as F	mg/L	1.5	MAC	0.55	0.568	0.54	0.56
Lead as Pb	mg/L	0.01	MAC	0.0001	0.0001	0.0001	< 0.0001
Mercury as Hg	mg/L	0.001	MAC		< 0.00002		
Nitrate + Nitrite as N	mg/L	10	MAC	0.45	0.51	0.367	0.32
Nitrate as N	mg/L	10	MAC	0.448	0.506	0.367	0.32
Nitrite	mg/L	1	MAC	< 0.002	< 0.002	< 0.002	< 0.002
Selenium as Se	mg/L	0.01	MAC	0.0005	0.0003	0.0003	0.0002
Sodium as Na	mg/L	200	AO	14.8	18.4	13.7	13.3
Uranium as U	mg/L	0.02	MAC		0.0003		

"<": indicates the result is below Method Detection Limit  
 ODWS: Ontario Drinking Water Standard  
 MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)  
 AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)  
 mg/L: milligrams per litre, parts permillion (ppm)



Organics Test Results

Reading	Units	ODWS	25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010	23/11/2010
(DDT) + Metabolites	mg/L	0.03	MAC					< 0.000008
1,1-dichloroethylene (vinylidene chloride)	mg/L	0.014	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
1,2-(o-dcb) Dichlorobenzene	mg/L	0.2	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
1,2-Dichloroethane	mg/L	0.005	IMAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
1,4-(p-dcb) Dichlorobenzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
2,3,4,6-Tetrachlorophenol	mg/L	0.1	MAC				< 0.0005	
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	mg/L	0.28	MAC				< 0.0005	
2,4,6-Trichlorophenol	mg/L	0.005	MAC				< 0.0005	
2,4-Dichlorophenol	mg/L	0.9	MAC				< 0.0007	
2,4-dichlorophenoxyacetic acid (2,4-D)	mg/L	0.1	IMAC				< 0.0008	
Alachlor	mg/L	0.005	IMAC				< 0.0004	
Aldicarb	mg/L	0.009	MAC				< 0.0045	
Aldrin + Dieldrin	mg/L	0.0007	MAC					< 0.000006
Atrazine + N-dealkylated metabolites	mg/L	0.005	IMAC				< 0.0002	
Azinphos-methyl	mg/L	0.02	MAC				< 0.0003	
Bendiocarb	mg/L	0.04	MAC				< 0.003	
Benzene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.00001	MAC				< 0.00001	
Bromoxynil	mg/L	0.005	IMAC				< 0.0004	
Carbaryl	mg/L	0.09	MAC				< 0.003	
Carbofuran	mg/L	0.09	MAC				< 0.003	
Carbon Tetrachloride	mg/L	0.005	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002	
Chlordane (Total)	mg/L	0.007	MAC					< 0.000006
Chlorpyrifos	mg/L	0.09	MAC				< 0.0002	
Cyanazine	mg/L	0.01	IMAC				< 0.0003	
Diazinon	mg/L	0.02	MAC				< 0.0002	
Dicamba	mg/L	0.12	MAC				< 0.0004	
Dichloromethane	mg/L	0.05	MAC	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Diclofop-methyl	mg/L	0.009	MAC				< 0.0004	
Dimethoate	mg/L	0.02	IMAC				< 0.0003	
Dinoseb	mg/L	0.01	MAC				< 0.0005	
Diquat	mg/L	0.07	MAC				< 0.001	
Diuron	mg/L	0.15	MAC				< 0.003	
Glyphosate	mg/L	0.28	IMAC				< 0.025	
Heptachlor + Heptachlor Epoxide	mg/L	0.003	MAC					< 0.000008
Lindane	mg/L	0.004	MAC					< 0.000005
Malathion	mg/L	0.19	MAC				< 0.0002	
Methoxychlor	mg/L	0.9	MAC					< 0.000009
Metolachlor	mg/L	0.05	IMAC				< 0.0002	
Metribuzin	mg/L	0.08	MAC				< 0.0003	
Monochlorobenzene	mg/L	0.08	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Paraquat	mg/L	0.01	IMAC				< 0.001	
Parathion	mg/L	0.05	MAC				< 0.0002	



Organics Test Results

Reading	Units	ODWS		25/01/2010	12/04/2010	05/07/2010	18/10/2010	25/10/2010	23/11/2010
Pentachlorophenol	mg/L	0.06	MAC				< 0.0004		
Phorate	mg/L	0.002	IMAC				< 0.0002		
Picloram	mg/L	0.19	IMAC				< 0.0007		
Polychlorinated Biphenyls (PCBs)	mg/L	0.003	IMAC						< 0.00002
Prometryne	mg/L	0.001	IMAC				< 0.0002		
Simazine	mg/L	0.01	IMAC				< 0.0002		
Temephos	mg/L	0.28	IMAC				< 0.003		
Terbufos	mg/L	0.001	IMAC				< 0.0002		
Tetrachloroethylene (perchloroethylene)	mg/L	0.03	MAC	< 0.0003	< 0.0003	< 0.0003	< 0.0003		
Triallate	mg/L	0.23	MAC					< 0.004	
Trichloroethene	mg/L	0.005	MAC	< 0.0001	< 0.0001	< 0.0001	< 0.0001		
Trifluralin	mg/L	0.045	IMAC						< 0.000006
Vinyl Chloride	mg/L	0.002	MAC	< 0.0002	< 0.0002	< 0.0002	< 0.0002		

"<": indicates the result is below Method Detection Limit

ODWS: Ontario Drinking Water Standard

MAC: Ontario Drinking Water Standard - Health Related (Maximum Acceptable Concentration)

AO: Ontario Drinking Water Standard - Non Health Related (Aesthetic Objective)

mg/L: milligrams per litre, parts permillion (ppm)