



OPTIONAL ANNUAL REPORT TEMPLATE

Drinking-Water System Number:	260011505
Drinking-Water System Name:	Riverside Public School
Drinking-Water System Owner:	Trillium Lakelands District School Board
Drinking-Water System Category:	Small Non Municipal Non Residential - Designated
Period being reported:	April 1, 2012 to March 31, 2013

<p><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [] No []</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [] No []</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">2</div></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [X] No []</p> <p>Number of Interested Authorities you report to: <div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">2</div></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [X] No []</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:

Drinking Water System Name	Drinking Water System Number
none	

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 [] N/A [X]



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

Source:

- two (2) drilled wells installed in 2004 to replace original well
- one (1) overburden well 38.9 metres in depth – yield 0.32L/s
- one (1) bedrock well 152.4 metres in depth – yield 0.19L/s

Treatment:

- Addition of iron and manganese for oxidation
- Chlorination
- green sand filter

List all water treatment chemicals used over this reporting period

Chlorine, sodium bicarbonate, potassium permanganate

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

Equipment servicing.

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 (dd/mm/yy)	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date (dd/mm/yy)
04/02/13	Backwash system failure	Turbidity 30.41	NTU	Building posted, bottled water provided, filter repaired, system flushed & resampled, turbidity monitored, water supply reinstated	11/02/13

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 1	11	0-0	0-0		
Raw 2	11	0-0	0-0		
Distribution	14	0-0	0-0		

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	30	0.01-30.41
Chlorine	213	0.10-2.70
Fluoride (If the DWS provides fluoridation)	0	

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
None				

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

Parameter	Sample Date Well RS1	Result Value Well RS1	Sample Date Well RS2	Result Value Well RS2	Unit of Measure	Exceedence
Antimony	February 10, 2010	0.02<MDL	February 10, 2010	0.02<MDL	ug/L	
Arsenic	February 10, 2010	0.4	February 10, 2010	0.2	ug/L	
Barium	February 10, 2010	43.2	February 10, 2010	107	ug/L	
Boron	February 10, 2010	113	February 10, 2010	24.5	ug/L	
Cadmium	February 10, 2010	0.009	February 10, 2010	0.003<MDL	ug/L	
Chromium	February 10, 2010	1.7	February 10, 2010	2.1	ug/L	
Lead	May 28, 2012	0.98	May 28, 2012	0.98	ug/L	Distribution (flushed)
Mercury	February 10, 2010	0.02<MDL	February 10, 2010	0.02<MDL	ug/L	
Sodium	February 10, 2010	28.2*	February 10, 2010	28.2*	mg/L	Treated/Exceedence*
Selenium	February 10, 2010	1<MDL	February 10, 2010	1<MDL	mg/L	
Uranium	February 10, 2010	0.26	February 10, 2010	0.171	ug/L	
Fluoride	February 10, 2010	0.11	February 10, 2010	0.11	ug/L	Treated Supply
Nitrite	February 7, 2013	0.005<MDL	February 7, 2013	0.005<MDL	N mg/L	Treated Supply
Nitrate	February 7, 2013	0.013<MDL	February 7, 2013	0.013<MDL	N mg/L	Treated Supply



*only for drinking water systems testing under Schedule 15.2; this includes large municipal non-residential systems, small municipal non-residential systems, non-municipal seasonal residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems

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

Parameter	Sample Date Well RS1	Result Value Well RS1	Sample Date Well RS2	Result Value Well RS2	Unit of Measure	Exceedance
Alachlor	February 10, 2010	0.02<MDL	February 10, 2010	0.02<MDL	ug/L	
Aldicarb	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Aldrin + Dieldrin	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Atrazine + N-dealkylated metabolites	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Azinphos-methyl	February 10, 2010	0.02<MDL	February 10, 2010	0.02<MDL	ug/L	
Bendiocarb	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Benzene	February 10, 2010	0.32<MDL	February 10, 2010	0.32<MDL	ug/L	
Benzo(a)pyrene	February 10, 2010	0.004<MDL	February 10, 2010	0.004<MDL	ug/L	
Bromoxynil	February 10, 2010	0.33<MDL	February 10, 2010	0.33<MDL	ug/L	
Carbaryl	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Carbofuran	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Carbon Tetrachloride	February 10, 2010	0.16<MDL	February 10, 2010	0.16<MDL	ug/L	
Chlordane (Total)	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Chlorpyrifos	February 10, 2010	0.02<MDL	February 10, 2010	0.02<MDL	ug/L	
Cyanazine	February 10, 2010	0.03<MDL	February 10, 2010	0.03<MDL	ug/L	
Diazinon	February 10, 2010	0.02<MDL	February 10, 2010	0.02<MDL	ug/L	
Dicamba	February 10, 2010	0.20<MDL	February 10, 2010	0.20<MDL	ug/L	
1,2-Dichlorobenzene	February 10, 2010	0.41<MDL	February 10, 2010	0.41<MDL	ug/L	
1,4-Dichlorobenzene	February 10, 2010	0.36<MDL	February 10, 2010	0.36<MDL	ug/L	
Dichlorodiphenyltrichloroethane (DDT) + metabolites	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
1,2-Dichloroethane	February 10, 2010	0.35<MDL	February 10, 2010	0.35<MDL	ug/L	
1,1-Dichloroethylene (vinylidene chloride)	February 10, 2010	0.33<MDL	February 10, 2010	0.33<MDL	ug/L	
Dichloromethane	February 10, 2010	0.35<MDL	February 10, 2010	0.35<MDL	ug/L	
2-4 Dichlorophenol	February 10, 2010	0.15<MDL	February 10, 2010	0.15<MDL	ug/L	
2,4-Dichlorophenoxy acetic acid (2,4-D)	February 10, 2010	0.19<MDL	February 10, 2010	0.19<MDL	ug/L	
Diclofop-methyl	February 10, 2010	0.40<MDL	February 10, 2010	0.40<MDL	ug/L	
Dimethoate	February 10, 2010	0.03<MDL	February 10, 2010	0.03<MDL	ug/L	
Dinoseb	February 10, 2010	0.36<MDL	February 10, 2010	0.36<MDL	ug/L	
Diquat	February 10, 2010	1<MDL	February 10, 2010	1<MDL	ug/L	
Diuron	February 10, 2010	0.03<MDL	February 10, 2010	0.03<MDL	ug/L	
Glyphosate	February 10, 2010	6<MDL	February 10, 2010	6<MDL	ug/L	

Heptachlor + Heptachlor Epoxide	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Linadane (Total)	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Malathion	February 10, 2010	0.02<MDL	February 10, 2010	0.02<MDL	ug/L	
Methoxychlor	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Metolachlor	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Metribuzin	February 10, 2010	0.02<MDL	February 10, 2010	0.02<MDL	ug/L	
Monochlorobenzene	February 10, 2010	0.30<MDL	February 10, 2010	0.30<MDL	ug/L	
Paraquat	February 10, 2010	1<MDL	February 10, 2010	1<MDL	ug/L	
Parathion	February 10, 2010	0.02<MDL	February 10, 2010	0.02<MDL	ug/L	
Pentachlorophenol	February 10, 2010	0.15<MDL	February 10, 2010	0.15<MDL	ug/L	
Phorate	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Picloram	February 10, 2010	0.25<MDL	February 10, 2010	0.25<MDL	ug/L	
Polychlorinated Biphenyls(PCB)	February 10, 2010	0.04<MDL	February 10, 2010	0.04<MDL	ug/L	
Prometryne	February 10, 2010	0.03<MDL	February 10, 2010	0.03<MDL	ug/L	
Simazine	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
THM (NOTE: show latest quarterly average)	n/a		n/a		ug/L	
Temphos	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Terbufos	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Tetrachloroethylene	February 10, 2010	0.35<MDL	February 10, 2010	0.35<MDL	ug/L	
2,3,4,6-Tetrachlorophenol	February 10, 2010	0.14<MDL	February 10, 2010	0.14<MDL	ug/L	
Triallate	February 10, 2010	0.01<MDL	February 10, 2010	0.01<MDL	ug/L	
Trichloroethylene	February 10, 2010	0.43<MDL	February 10, 2010	0.43<MDL	ug/L	
2,4,6-Trichlorophenol	February 10, 2010	0.25<MDL	February 10, 2010	0.25<MDL	ug/L	
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	February 10, 2010	0.22<MDL	February 10, 2010	0.22<MDL	ug/L	
Trifluralin	February 10, 2010	0.02<MDL	February 10, 2010	0.02<MDL	ug/L	
Vinyl Chloride	February 10, 2010	0.17<MDL	February 10, 2010	0.17<MDL	ug/L	

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