

ANNUAL REPORT

ONTARIO REGULATION 170/03
SECTION 11

ANGUS DRINKING WATER SYSTEM



**FOR THE PERIOD:
JANUARY 1, 2016 – DECEMBER 31, 2016**

*Prepared for the Corporation of the Township of Essa
by the Ontario Clean Water Agency*



ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

**Part III Form 2
Section 11. ANNUAL REPORT.**

Drinking-Water System Number:	260001026
Drinking-Water System Name:	Angus Drinking Water System
Drinking-Water System Owner:	The Corporation of the Township of Essa
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2016 – December 31, 2016

<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 [X]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] 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; padding: 5px;"> <p>Township of Essa Municipal Office 5786 Simcoe County Road 21 Utopia, Essa Twp, ON. L0M 1T0 or on the following website: http://www.essatownship.on.ca</p> </div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [] No []</p> <p>Number of Interested Authorities you report to: <div style="border: 1px solid black; width: 80px; height: 20px; display: inline-block;"></div></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] 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
Not applicable	Not applicable

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 [NA]

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 Angus Drinking Water System, Pumphouses and Storage Works serving the Town of Angus includes the Mill Street Pumphouse, McGeorge Pumphouse and Brownley Pumphouse. These facilities supply water through a common distribution system.

McGeorge (Centre Street) Pumphouse

The McGeorge Pumphouse is located on Essa Side Road 30. Raw Water is supplied from two 203 mm diameter drilled groundwater wells (Well 2 Centre Street and Well 3 Centre Street) capable of providing up to 2627 m³/day potable water. As groundwater flows out of the (artesian) wells, pumps are automatically activated to add sodium silicate (for iron sequestering) and sodium hypochlorite (for disinfection). Treated water is stored in two underground reservoirs with capacities of 95 m³ and 157 m³ respectively. On-line monitoring equipment continuously monitors chlorine residual, turbidity and flow rates. Flow and process data is recorded on an SM1000 data logger. The recorded data is down loaded periodically and stored on the main server at the Ontario Clean Water Agency office in Wasaga Beach. The system is alarmed for a number of parameters and monitored by Huronia Alarms, Midland, Ontario. This pumphouse is equipped with a 64 kW diesel generator and auto switch over to provide stand by power in the event of a power failure.

Mill Street Pumphouse

The Mill Street Pumphouse is located at 28 Mill Street in the Town of Angus. Raw Water is supplied from one 610 mm diameter drilled groundwater well (Well 1 Mill Street) that can provide up to 3927 m³/day of potable water. As groundwater is pumped from the well; chemical feed pumps are automatically activated to add sodium silicate (for iron sequestering) and sodium hypochlorite (for disinfection). Treated water is stored in two underground reservoirs, with a capacity of 2500 m³ and 902 m³ respectively. Flow is measured before entering the reservoir and as the treated water enters the distribution system. On-line monitoring equipment continuously monitors chlorine residual, turbidity and flow rates. Flow and process data is recorded on an SM1000 data logger. The recorded data is down loaded periodically and also stored on the main server. The system is alarmed for a number of parameters and monitored by Huronia Alarms, Midland, Ontario. This pumphouse is equipped with a 400 kW diesel generator and auto switch over to provide stand by power in the event of a power failure.

Special Note: The Mill Street Water Treatment Plant received the daily difference (100 m³ minus Baxter Water System daily water taking) from the Collingwood to Alliston treated water transmission main (pipeline) in 2015. The Raymond A. Barker Ultrafiltration Plant (RAB) in Collingwood supplies safe drinking water through the pipeline to the Baxter and Mill Street facilities. Collingwood water sample results can be found in the Collingwood Drinking Water System 2015 Annual Compliance Report located on the following website: www.watercollingwood.ca

Brownley Pumphouse

The Brownley Pumphouse is located on 5th Line just north of Willoughby Road. Raw Water is supplied from two 200 mm and one 150 mm diameter drilled groundwater wells (Well 4, Well 5 and Well 6) capable of providing up to 4251 m³/day potable water. As groundwater is pumped from the wells; chemical feed pumps are automatically activated to add sodium silicate (for iron sequestering) and sodium hypochlorite (for disinfection). Treated water is stored in one (1) underground reservoir, two interconnected cells with a total capacity of 2500 m³. Flow is measured before entering the reservoir and as the treated water enters the distribution system. On-line monitoring equipment continuously monitors chlorine residual, turbidity and flow rates and is recorded on a SCADA system located on site. This pumphouse is equipped with a 400 kW diesel generator and auto switch over to provide stand by power in the event of a power failure.

List all water treatment chemicals used over this reporting period

Sodium Hypochlorite 12% Solution NSF, Disinfection
 Sodium Silicate, Iron Sequestering, NSF

Were any significant expenses incurred to?

- Install required equipment
- Purchase required equipment
- Repair required equipment
- Replace required equipment

Please provide a brief description of any significant expenses incurred

Expenses incurred which were in addition to normal operating costs in 2016:

1. Replaced chlorine pumps at the Mill Street Pumphouse
2. Purchased spare chlorine pump parts
3. Replaced battery on diesel generator at McGeorge Pumphouse
4. Replaced High Lift Pump #2 and motor
5. Replaced faulty modem for Red Lion Monitoring System
6. Replaced broken water service under road at 36 Sand Spring Crescent
7. Extended fire hydrant on Mill Street
8. Replaced reservoir ladder, repairs to reservoir inlet pipe and installation of pipe to flush the system at McGeorge Pumphouse
9. Mill Distribution - Yard hydrants, distribution parts and curb stop
10. Mill Distribution – OCWA's labour and materials provided to Dom-Meridian for connecting water mains – Part 1 (works to be continued during favorable weather conditions in 2017)
11. Upgraded alarm system at Mill St. Pumphouse
12. Replaced fittings and tubing for the pump that feeds the pre-chlorine analyzer at McGeorge Pumphouse
13. Drinking Water Quality Management Standard (DWQMS) audit of OCWA Quality & Environmental Management System (QEMS)

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
No Incidents to Report for 2016					

Table 1
Microbiological testing done under the Schedule 10 of Regulation 170/03, during this reporting period.

Location	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 – RW1	47	0 - 0	0 - 0		
Raw – RW2	47	0 - 0	0 - 0		
Raw – RW3	53	0 - 0	0 - 1		
Raw – RW4	52	0 - 0	0 - 0		
Raw – RW5	52	0 - 0	0 - 0		
Raw – RW6	52	0 - 0	0 - 0		
Treated Water – TW1	46	0 - 0	0 - 0	46	0 - 302
Treated Water – TW2	52	0 - 0	0 - 1	52	0 - 10
Treated Water – TW3	52	0 - 0	0 - 0	52	0 - 112
Distribution - DW	215	0 - 0	0 - 1	68	10 - 72

Note:

- RW1 – Raw Water Well 2 Centre Street
- RW2 – Raw Water Well 3 Centre Street
- RW3 – Raw Water Well 1 Mill Street
- RW4 – Raw Water Well 4 Brownley
- RW5 – Raw Water Well 5 Brownley
- RW6 – Raw Water Well 6 Brownley

Please Note: Well numbering for Centre Street and Mill Street wells altered in PTTW # 0411-93LSQW issued 24-Jan-13

- TW1 – Treated Water McGeorge (Centre Street) Pumphouse
- TW2 – Treated Water Mill Pumphouse
- TW3 – Treated Water Brownley Pumphouse

Table 2
Operational testing done under Schedule 7 of Regulation 170/03 during the period covered by this Annual Report.

	Number of Grab Samples	Range of Results (min #)-(max #)
Raw Turbidity		
Mill St. Well 1	13	0.21 – 0.86 NTU
Centre St. Well 2	11	0.20 – 0.78 NTU
Centre St. Well 3	11	0.11 – 0.54 NTU
Brownley Well 4	12	0.23 – 0.91 NTU
Brownley Well 5	12	0.15 – 0.63 NTU
Brownley Well 6	12	0.17 – 1.55 NTU
Treated Turbidity		
McGeorge	8760	0.00 – 2.01 NTU
Mill St.	8760	0.00 – 2.00 NTU
Brownley	8760	0.00 – 2.00 NTU
Treated Free Chlorine Residual		
McGeorge	8760	0.45 – 4.99 mg/L *
Mill St.	8760	0.88 – 1.49 mg/L
Brownley	8760	0.34 – 4.13 mg/L *
Free Chlorine Residual Distribution System		
	8760	0.33 – 2.31 mg/L

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

* Chlorine residuals greater than 4.00 are due to free chlorine residual analyzer maintenance and do not indicate an actual high residual leaving the pumphouse.

Table 3
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
Not Applicable				

Table 4

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

[Please refer to Appendix A](#)

Table 5

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	Lead Results and Comments
Plumbing	Relief from all Plumbing Requirements
Distribution	<p style="text-align: center;"> No Lead Testing in the Distribution in 2016 Alkalinity tested during the two regulated sample periods had results between 159 mg/L to 220 mg/L </p>

Table 6

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

[Please refer to Appendix A](#)

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
<p> Only Sodium on the treated water from each of the three pumphouses exceeded half the standard prescribed in Schedule 2 for the Angus Drinking Water System Refer to Table 4 in Appendix A </p>			

(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)

APPENDIX A
ANNUAL SUMMARY for parameters tested during 2016
or the most recent sample results

Table 4 – Inorganic Parameters
Table 6 – Organic Parameters

Location:

TW1 – Treated Water McGeorge

TW2 – Treated Water Mill

TW3 – Treated Water Brownley

DW – Distribution Water



Annual Summary - Inorganic Parameters

Waterworks: 6065 - [260001026 Angus DWS]
Period being reported: 01/01/2016 to 12/31/2016

Table 4

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

TREATED WATER	Sample Date (mm/dd/yyyy)	Sample Result	MAC	No. of Exceedances	
				MAC	1/2 MAC
Antimony: Sb (ug/L) - TW1	2015/01/05	< 0.02	6.0	No	No
Antimony: Sb (ug/L) - TW2	2015/01/05	< 0.02	6.0	No	No
Antimony: Sb (ug/L) - TW3	2015/01/05	< 0.02	6.0	No	No
Arsenic: As (ug/L) - TW1	2015/01/05	0.3	25.0	No	No
Arsenic: As (ug/L) - TW2	2015/01/05	0.7	25.0	No	No
Arsenic: As (ug/L) - TW3	2015/01/05	< 0.2	25.0	No	No
Barium: Ba (ug/L) - TW1	2015/01/05	88.5	1000.0	No	No
Barium: Ba (ug/L) - TW2	2015/01/05	137.0	1000.0	No	No
Barium: Ba (ug/L) - TW3	2015/01/05	69.6	1000.0	No	No
Boron: B (ug/L) - TW1	2015/01/05	24.5	5000.0	No	No
Boron: B (ug/L) - TW2	2015/01/05	28.3	5000.0	No	No
Boron: B (ug/L) - TW3	2015/01/05	28.0	5000.0	No	No
Cadmium: Cd (ug/L) - TW1	2015/01/05	< 0.003	5.0	No	No
Cadmium: Cd (ug/L) - TW2	2015/01/05	< 0.003	5.0	No	No
Cadmium: Cd (ug/L) - TW3	2015/01/05	< 0.003	5.0	No	No
Chromium: Cr (ug/L) - TW1	2015/01/05	0.08	50.0	No	No
Chromium: Cr (ug/L) - TW2	2015/01/05	< 0.03	50.0	No	No
Chromium: Cr (ug/L) - TW3	2015/01/05	< 0.03	50.0	No	No
Mercury: Hg (ug/L) - TW1	2015/01/05	< 0.01	1.0	No	No
Mercury: Hg (ug/L) - TW2	2015/01/05	< 0.01	1.0	No	No
Mercury: Hg (ug/L) - TW3	2015/01/05	< 0.01	1.0	No	No
Selenium: Se (ug/L) - TW1	2015/01/05	< 1.0	10.0	No	No
Selenium: Se (ug/L) - TW2	2015/01/05	< 1.0	10.0	No	No
Selenium: Se (ug/L) - TW3	2015/01/05	< 1.0	10.0	No	No
Uranium: U (ug/L) - TW1	2015/01/05	0.014	20.0	No	No
Uranium: U (ug/L) - TW2	2015/01/05	0.088	20.0	No	No
Uranium: U (ug/L) - TW3	2015/01/05	2.09	20.0	No	No
Additional Inorganics					

Fluoride (mg/L) - TWT					
Fluoride (mg/L) - TW1	2013/06/11	0.13	1.5	No	No
Fluoride (mg/L) - TW2	2013/06/11	0.11	1.5	No	No
Fluoride (mg/L) - TW3	2013/06/11	0.11	1.5	No	No
Nitrite (mg/L) - TW1	2016/01/05	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW1	2016/04/05	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW1					
Nitrite (mg/L) - TW1	2016/10/04	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2	2016/01/05	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2	2016/04/05	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2	2016/07/04	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW2	2016/10/04	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW3	2016/01/05	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW3	2016/04/05	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW3	2016/07/04	<MDL 0.003	1.0	No	No
Nitrite (mg/L) - TW3	2016/10/04	<MDL 0.003	1.0	No	No
Nitrate (mg/L) - TW1	2016/01/05	0.02	10.0	No	No
Nitrate (mg/L) - TW1	2016/04/05	0.019	10.0	No	No
Nitrate (mg/L) - TW1					
Nitrate (mg/L) - TW1	2016/10/04	0.015	10.0	No	No
Nitrate (mg/L) - TW2	2016/01/05	0.031	10.0	No	No
Nitrate (mg/L) - TW2	2016/04/05	0.022	10.0	No	No
Nitrate (mg/L) - TW2	2016/07/04	0.009	10.0	No	No
Nitrate (mg/L) - TW2	2016/10/04	0.023	10.0	No	No
Nitrate (mg/L) - TW3	2016/01/05	1.76	10.0	No	No
Nitrate (mg/L) - TW3	2016/04/05	2.06	10.0	No	No
Nitrate (mg/L) - TW3	2016/07/04	1.54	10.0	No	No
Nitrate (mg/L) - TW3	2016/10/04	1.55	10.0	No	No
Sodium: Na (mg/L) - TW1	2013/06/11	17.3	20.0	No	Yes
Sodium: Na (mg/L) - TW2	2013/06/11	16.9	20.0	No	Yes
Sodium: Na (mg/L) - TW3	2013/06/11	14.2	20.0	No	Yes



Ontario Clean Water Agency Agence Ontarienne Des Eaux

Annual Summary - Organic Parameters

Waterworks: 6065 - [260001026 Angus DWS]

Period being reported: 01/01/2016 to 12/31/2016

Table 6

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

	Sample Date (mm/dd/yyyy)	Sample Result	MAC	Number of Exceedances	
				MAC	1/2 MAC
TREATED WATER					
Alachlor (ug/L) - TW1	2015/01/05	< 0.02	5.00	No	No
Alachlor (ug/L) - TW2	2015/01/05	< 0.02	5.00	No	No
Alachlor (ug/L) - TW3	2015/01/05	< 0.02	5.00	No	No
Aldicarb (ug/L) - TW1	2015/01/05	< 0.01	9.00	No	No
Aldicarb (ug/L) - TW2	2015/01/05	< 0.01	9.00	No	No
Aldicarb (ug/L) - TW3	2015/01/05	< 0.01	9.00	No	No
Aldrin+Dieldrin (ug/L) - TW1	2015/01/05	< 0.01	0.70	No	No
Aldrin+Dieldrin (ug/L) - TW2	2015/01/05	< 0.01	0.70	No	No
Aldrin+Dieldrin (ug/L) - TW3	2015/01/05	< 0.01	0.70	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW1	2015/01/05	< 0.01	5.00	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW2	2015/01/05	< 0.01	5.00	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW3	2015/01/05	< 0.01	5.00	No	No
Azinphos-methyl (ug/L) - TW1	2015/01/05	< 0.02	20.00	No	No
Azinphos-methyl (ug/L) - TW2	2015/01/05	< 0.02	20.00	No	No
Azinphos-methyl (ug/L) - TW3	2015/01/05	< 0.02	20.00	No	No
Bendiocarb (ug/L) - TW1	2015/01/05	< 0.01	40.00	No	No
Bendiocarb (ug/L) - TW2	2015/01/05	< 0.01	40.00	No	No
Bendiocarb (ug/L) - TW3	2015/01/05	< 0.01	40.00	No	No
Benzene (ug/L) - TW1	2015/01/05	< 0.32	5.00	No	No
Benzene (ug/L) - TW2	2015/01/05	< 0.32	5.00	No	No
Benzene (ug/L) - TW3	2015/01/05	< 0.32	5.00	No	No
Benzo(a)pyrene (ug/L) - TW1	2015/01/05	< 0.004	0.01	No	No
Benzo(a)pyrene (ug/L) - TW2	2015/01/05	< 0.004	0.01	No	No
Benzo(a)pyrene (ug/L) - TW3	2015/01/05	< 0.004	0.01	No	No
Bromoxynil (ug/L) - TW1	2015/01/05	< 0.33	5.00	No	No
Bromoxynil (ug/L) - TW2	2015/01/05	< 0.33	5.00	No	No
Bromoxynil (ug/L) - TW3	2015/01/05	< 0.33	5.00	No	No
Carbaryl (ug/L) - TW1	2015/01/05	< 0.01	90.00	No	No
Carbaryl (ug/L) - TW2	2015/01/05	< 0.01	90.00	No	No
Carbaryl (ug/L) - TW3	2015/01/05	< 0.01	90.00	No	No
Carbofuran (ug/L) - TW1	2015/01/05	< 0.01	90.00	No	No
Carbofuran (ug/L) - TW2	2015/01/05	< 0.01	90.00	No	No
Carbofuran (ug/L) - TW3	2015/01/05	< 0.01	90.00	No	No
Carbon Tetrachloride (ug/L) - TW1	2015/01/05	< 0.16	5.00	No	No
Carbon Tetrachloride (ug/L) - TW2	2015/01/05	< 0.16	5.00	No	No
Carbon Tetrachloride (ug/L) - TW3	2015/01/05	< 0.16	5.00	No	No
Chlordane: Total (ug/L) - TW1	2015/01/05	< 0.01	7.00	No	No
Chlordane: Total (ug/L) - TW2	2015/01/05	< 0.01	7.00	No	No
Chlordane: Total (ug/L) - TW3	2015/01/05	< 0.01	7.00	No	No
Chlorpyrifos (ug/L) - TW1	2015/01/05	< 0.02	90.00	No	No
Chlorpyrifos (ug/L) - TW2	2015/01/05	< 0.02	90.00	No	No

Chlorpyrifos (ug/L) - TW3	2015/01/05	< 0.02	90.00	No	No
Cyanazine (ug/L) - TW1	2015/01/05	< 0.03	10.00	No	No
Cyanazine (ug/L) - TW2	2015/01/05	< 0.03	10.00	No	No
Cyanazine (ug/L) - TW3	2015/01/05	< 0.03	10.00	No	No
Diazinon (ug/L) - TW1	2015/01/05	< 0.02	20.00	No	No
Diazinon (ug/L) - TW2	2015/01/05	< 0.02	20.00	No	No
Diazinon (ug/L) - TW3	2015/01/05	< 0.02	20.00	No	No
Dicamba (ug/L) - TW1	2015/01/05	< 0.2	120.00	No	No
Dicamba (ug/L) - TW2	2015/01/05	< 0.2	120.00	No	No
Dicamba (ug/L) - TW3	2015/01/05	< 0.2	120.00	No	No
1,2-Dichlorobenzene (ug/L) - TW1	2015/01/05	< 0.41	200.00	No	No
1,2-Dichlorobenzene (ug/L) - TW2	2015/01/05	< 0.41	200.00	No	No
1,2-Dichlorobenzene (ug/L) - TW3	2015/01/05	< 0.41	200.00	No	No
1,4-Dichlorobenzene (ug/L) - TW1	2015/01/05	< 0.36	5.00	No	No
1,4-Dichlorobenzene (ug/L) - TW2	2015/01/05	< 0.36	5.00	No	No
1,4-Dichlorobenzene (ug/L) - TW3	2015/01/05	< 0.36	5.00	No	No
DDT + metabolites (ug/L) - TW1	2015/01/05	< 0.01	30.00	No	No
DDT + metabolites (ug/L) - TW2	2015/01/05	< 0.01	30.00	No	No
DDT + metabolites (ug/L) - TW3	2015/01/05	< 0.01	30.00	No	No
1,2-Dichloroethane (ug/L) - TW1	2015/01/05	< 0.35	5.00	No	No
1,2-Dichloroethane (ug/L) - TW2	2015/01/05	< 0.35	5.00	No	No
1,2-Dichloroethane (ug/L) - TW3	2015/01/05	< 0.35	5.00	No	No
1,1-Dichloroethylene (ug/L) - TW1	2015/01/05	< 0.33	14.00	No	No
1,1-Dichloroethylene (ug/L) - TW2	2015/01/05	< 0.33	14.00	No	No
1,1-Dichloroethylene (ug/L) - TW3	2015/01/05	< 0.33	14.00	No	No
Dichloromethane (Methylene Chloride) (ug/L) - TW1	2015/01/05	< 0.35	50.00	No	No
Dichloromethane (Methylene Chloride) (ug/L) - TW2	2015/01/05	< 0.35	50.00	No	No
Dichloromethane (Methylene Chloride) (ug/L) - TW3	2015/01/05	< 0.35	50.00	No	No
2,4-Dichlorophenol (ug/L) - TW1	2015/01/05	< 0.15	900.00	No	No
2,4-Dichlorophenol (ug/L) - TW2	2015/01/05	< 0.15	900.00	No	No
2,4-Dichlorophenol (ug/L) - TW3	2015/01/05	< 0.15	900.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW1	2015/01/05	< 0.19	100.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW2	2015/01/05	< 0.19	100.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW3	2015/01/05	< 0.19	100.00	No	No
Diclofop-methyl (ug/L) - TW1	2015/01/05	< 0.4	9.00	No	No
Diclofop-methyl (ug/L) - TW2	2015/01/05	< 0.4	9.00	No	No
Diclofop-methyl (ug/L) - TW3	2015/01/05	< 0.4	9.00	No	No
Dimethoate (ug/L) - TW1	2015/01/05	< 0.03	20.00	No	No
Dimethoate (ug/L) - TW2	2015/01/05	< 0.03	20.00	No	No
Dimethoate (ug/L) - TW3	2015/01/05	< 0.03	20.00	No	No
Dinoseb (ug/L) - TW1	2015/01/05	< 0.36	10.00	No	No
Dinoseb (ug/L) - TW2	2015/01/05	< 0.36	10.00	No	No
Dinoseb (ug/L) - TW3	2015/01/05	< 0.36	10.00	No	No
Diquat (ug/L) - TW1	2015/01/05	< 1.0	70.00	No	No
Diquat (ug/L) - TW2	2015/01/05	< 1.0	70.00	No	No
Diquat (ug/L) - TW3	2015/01/05	< 1.0	70.00	No	No
Diuron (ug/L) - TW1	2015/01/05	< 0.03	150.00	No	No
Diuron (ug/L) - TW2	2015/01/05	< 0.03	150.00	No	No
Diuron (ug/L) - TW3	2015/01/05	< 0.03	150.00	No	No
Glyphosate (ug/L) - TW1	2015/01/05	< 1.0	280.00	No	No
Glyphosate (ug/L) - TW2	2015/01/05	< 1.0	280.00	No	No
Glyphosate (ug/L) - TW3	2015/01/05	< 1.0	280.00	No	No
Heptachlor+hepachlor epoxide (ug/L) - TW1	2015/01/05	< 0.01	3.00	No	No
Heptachlor+hepachlor epoxide (ug/L) - TW2	2015/01/05	< 0.01	3.00	No	No
Heptachlor+hepachlor epoxide (ug/L) - TW3	2015/01/05	< 0.01	3.00	No	No
Lindane (ug/L) - TW1	2015/01/05	< 0.01	4.00	No	No
Lindane (ug/L) - TW2	2015/01/05	< 0.01	4.00	No	No
Lindane (ug/L) - TW3	2015/01/05	< 0.01	4.00	No	No

Malathion (ug/L) - TW1	2015/01/05	< 0.02	190.00	No	No
Malathion (ug/L) - TW2	2015/01/05	< 0.02	190.00	No	No
Malathion (ug/L) - TW3	2015/01/05	< 0.02	190.00	No	No
Methoxychlor (ug/L) - TW1	2015/01/05	< 0.01	900.00	No	No
Methoxychlor (ug/L) - TW2	2015/01/05	< 0.01	900.00	No	No
Methoxychlor (ug/L) - TW3	2015/01/05	< 0.01	900.00	No	No
Metolachlor (ug/L) - TW1	2015/01/05	< 0.01	50.00	No	No
Metolachlor (ug/L) - TW2	2015/01/05	< 0.01	50.00	No	No
Metolachlor (ug/L) - TW3	2015/01/05	< 0.01	50.00	No	No
Metribuzin (ug/L) - TW1	2015/01/05	< 0.02	80.00	No	No
Metribuzin (ug/L) - TW2	2015/01/05	< 0.02	80.00	No	No
Metribuzin (ug/L) - TW3	2015/01/05	< 0.02	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW1	2015/01/05	< 0.3	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW2	2015/01/05	< 0.3	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW3	2015/01/05	< 0.3	80.00	No	No
Paraquat (ug/L) - TW1	2015/01/05	< 1.0	10.00	No	No
Paraquat (ug/L) - TW2	2015/01/05	< 1.0	10.00	No	No