

Part III Form 2  
Section 11. ANNUAL REPORT.

<b>Drinking-Water System Number:</b>	220001156
<b>Drinking-Water System Name:</b>	MIDLAND WELL SUPPLY
<b>Drinking-Water System Owner:</b>	TOWN OF MIDLAND
<b>Drinking-Water System Category:</b>	CLASS 3 WATER DISTRIBUTION AND SUPPLY SYSTEM, CLASS 1 WATER TREATMENT SYSTEM
<b>Period being reported:</b>	JANUARY 01 2010 TO DECEMBER 31 2010

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [ X ] No [ ]</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>1- TOWN HALL 575 Dominion Ave Midland Ontario</p> <p>2- Water and Wastewater Operations 200 Bay Street Midland Ontario</p> <p>3- <a href="http://www.town.midland.on.ca">www.town.midland.on.ca</a></p> </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served: <input style="width: 100px; height: 20px;" type="text"/></p> <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: <input style="width: 100px; height: 20px;" type="text"/></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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Indicate how you notified system users that your annual report is available, and is free of charge.

- [ X ] Public access/notice via the web
- [ X ] Public access/notice via Government Office
- [ ] Public access/notice via a newspaper
- [ X ] 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 Town of Midland receives drinking water from five (5) Point of Entry well field areas, which utilize a total of thirteen (13) active groundwater wells throughout the municipality. Of these five (5) P.O.E. stations two (2) are GUDI sites. #1 Vindin Treatment system & #2 Highway 12 treatment systems  
 The distribution system consists of approximately 110 km of water main including 5375 customer connections serving a population of 16,500. All P.O.E. are connected together throughout the distribution system including two (2) pressure zones and four (4) above ground storage facilities The groundwater system produced 2,398,998 m<sup>3</sup> of drinking water for the reporting year of 2010.

List all water treatment chemicals used over this reporting period

Sodium Hypo chlorite - 12% Solution

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
12 Jan 2010	#9 Sodium Levels	38.7	mg/L	Resample	20 Jan 2010
12 Jan 2010	#7 Sodium Levels	27.2	mg/L	Resample	20 Jan 2010

#### #5 Harbourview Treatment System

**Harbourview Groundwater Supply System**

Consist of three (3) active wells and one standby well.

**The Pump house**

Located east of Sunnyside Drive;

*NAD83: UTM Zone 17: 0587046.00m E, 4957076.00m N*

houses the following equipment;

- two (2) high lift pumps rated for 9.47 L/s each vs 69 m TDH;
- two (2) chemical metering pumps (one duty and one standby) and one (1) 136 L sodium hypo chlorite storage tank.
- one (1) ultraviolet reactor system having a design dosage rate of 38 milli-joules per centimeter squared (mJ/cm<sup>2</sup>), with automatic cleaning apparatus, monitoring and alarm systems.

A 100 mm diameter header and appurtenances connected to the feeder water main, including a propeller based flow meter.

**Flow Capacity**

- Maximum flow rate = 18.9 L/sec
- Maximum daily volume = 1,641.6 m<sup>3</sup>/d

List all water treatment chemicals used over the reporting period.

Sodium Hypo chlorite - 12% Solution

**Where any significant expenses incurred during this reporting period to?**

- Install required equipment **NO**
- Repair required equipment **NO**
- Replace required equipment **NO**

**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 #)
<b>Raw</b>	144	Min 0 Max 0	Min 0 Max 0	0	N/A
<b>Treated</b>	48	Min 0 Max 0	Min 0 Max 0	48	< 10 cfu/mL – 30cfu/mL
<b>Distribution</b>	506	Min 0 Max 0	Min 0 Max 0	253	< 10 cfu/mL- 40 cfu/mL

**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 #)
<b>Turbidity</b>	8760	Min 0 NTU Max .95 NTU
<b>Chlorine</b>	8760	

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

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

Parameter	Sample Date	Result Value Harbourview	Unit of Measure
Antimony	01-Dec-10	ND	mg/L
Arsenic	01-Dec-10	.0003	mg/L
Barium	01-Dec-10	.031	mg/L
Boron	01-Dec-10	ND	mg/L
Cadmium	01-Dec-10	ND	mg/L
Chromium	01-Dec-10	ND	mg/L
Lead	01-Dec-10	ND	mg/L
Mercury	01-Dec-10	ND	mg/L
Selenium	01-Dec-10	ND	mg/L
Sodium	01-Dec-10	ND	mg/L
Uranium	01-Dec-10	0.00046	mg/L
Fluoride	01-Dec-10	ND	mg/L
Nitrite	01-Dec-10	ND	mg/L
Nitrate	01-Dec-10	1.0	mg/L

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

Parameter	Sample Date	Result Value Harbourview	
Alachlor	01-Dec-10	ND	ug/L
Aldicarb	01-Dec-10	ND	ug/L
Aldrin + Dieldrin	01-Dec-10	ND	ug/L
Atrazine + N-dealkylated metabolites	01-Dec-10	ND	ug/L
Azinphos-methyl	01-Dec-10	ND	ug/L
Bendiocarb	01-Dec-10	ND	ug/L
Benzene	01-Dec-10	ND	ug/L
Benzo(a)pyrene	01-Dec-10	ND	ug/L
Bromoxynil	01-Dec-10	ND	ug/L
Carbaryl	01-Dec-10	ND	ug/L
Carbofuran	01-Dec-10	ND	ug/L
Carbon Tetrachloride	01-Dec-10	ND	ug/L
Chlordane (Total)	01-Dec-10	ND	ug/L
Chlorpyrifos	01-Dec-10	ND	ug/L
Cyanazine	01-Dec-10	ND	ug/L
Diazinon	01-Dec-10	ND	ug/L
Dicamba	01-Dec-10	ND	ug/L
1,2-Dichlorobenzene	01-Dec-10	ND	ug/L
1,4-Dichlorobenzene	01-Dec-10	ND	ug/L
Dichlorodiphenyltrichloroethane (DDT) + metabolites	01-Dec-10	ND	ug/L
1,2-Dichloroethane	01-Dec-10	ND	ug/L
1,1-Dichloroethylene (vinylidene chloride)	01-Dec-10	ND	ug/L
Dichloromethane	01-Dec-10	ND	ug/L
2-4 Dichlorophenol	01-Dec-10	ND	ug/L
2,4-Dichlorophenoxy acetic acid (2,4-D)	01-Dec-10	ND	ug/L
Diclofop-methyl	01-Dec-10	ND	ug/L
Dimethoate	01-Dec-10	ND	ug/L
Dinoseb	01-Dec-10	ND	ug/L
Diquat	01-Dec-10	ND	ug/L
Diuron	01-Dec-10	ND	ug/L
Glyphosate	01-Dec-10	ND	ug/L

Heptachlor + Heptachlor Epoxide	01-Dec-10	ND	ug/L
Lindane (Total)	01-Dec-10	ND	ug/L
Malathion	01-Dec-10	ND	ug/L
Methoxychlor	01-Dec-10	ND	ug/L
Metolachlor	01-Dec-10	ND	ug/L
Metribuzin	01-Dec-10	ND	ug/L
Monochlorobenzene	01-Dec-10	ND	ug/L
Paraquat	01-Dec-10	ND	ug/L
Parathion	01-Dec-10	ND	ug/L
Pentachlorophenol	01-Dec-10	ND	ug/L
Phorate	01-Dec-10	ND	ug/L
Picloram	01-Dec-10	ND	ug/L
Polychlorinated Biphenyls(PCB)	01-Dec-10	ND	ug/L
Prometryne	01-Dec-10	ND	ug/L
Simazine	01-Dec-10	ND	ug/L
THM	01-Dec-10		ug/L
Temephos	01-Dec-10	ND	ug/L
Terbufos	01-Dec-10	ND	ug/L
Tetrachloroethylene	01-Dec-10	ND	ug/L
2,3,4,6-Tetrachlorophenol	01-Dec-10	ND	ug/L
Triallate	01-Dec-10	ND	ug/L
Trichloroethylene	01-Dec-10	ND	ug/L
2,4,6-Trichlorophenol	01-Dec-10	ND	ug/L
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	01-Dec-10	ND	ug/L
Trifluralin	01-Dec-10	ND	ug/L
Vinyl Chloride	01-Dec-10	ND	ug/L

## #2 Highway 12 Treatment System

### **Highway 12 Groundwater Supply System**

**Consisting of two (2) active wells:**

**Well 7A is equipped with a vertical turbine pump, raw water flow meter and isolation valve.**

**Well 7B is equipped with a submersible well water pump, raw water flow meter, pitless adaptor and isolation valve.**

**The Pump house**

Located south of Highway #12;

NAD83: UTM Zone 17: 0588713.00m E, 4953133.00m N

housing the following equipment;

-two (2) duty chemical metering pumps, and one (1) 500 L sodium hypo chlorite storage tank and discharge feed connections;

- two (2) ultraviolet reactor systems having a design dosage rate of 40 milli Joules per centimeter squared (mJ/cm<sup>2</sup>), with automatic cleaning apparatus monitoring and alarm system;

Discharge piping from the pump house to the Highway #12 existing water main, pump control valves, treated water flow meter, chlorine analyzer, turbidity analyzer and full S.C.A.D.A. control.

- one 330 kW Stand-by diesel generator supplying stand-by power for all pumps, analyzers, ultraviolet reactors and SCADA;

**Well field Flow Capacity**

- Maximum flow rate = 106 L/sec

- Maximum daily volume = 9,158.4 m<sup>3</sup>/d

Well 7A is the firm well for the Midland Well Supply.

Where any significant expenses incurred during this reporting period to?

Install required equipment **NO**

Repair required equipment **NO**

Replace required equipment **NO**

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	102	Min 0 Max 0	Min 0 Max 10	0	N/A
Treated	51	Min 0 Max 0	Min 0 Max 0	51	< 10 cfu/mL – 10 cfu/mL

Distribution	506	Min 0 Max 0	Min 0 Max 0	253	< 10 cfu/mL- 40 cfu/mL
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**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	8760	Min 0.06 NTU Max 1.76 NTU
Chlorine	8760	

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

### #1 Vindin Treatment System

#### **Vindin Groundwater Supply System -G.U.D.I. Site**

Consisting of six (6) active wells. Each well equipped with a submersible well water pump, pitless adaptor, raw water flow meter and isolation valve.

#### **The Pump house**

- one (1) split case centrifugal high lift pump rated for 37.9 L/s vs 85.3 m TDH;
- one (1) split case centrifugal high lift pump rated for 45.5 L/s vs 79.3 m TDH;
- one (1) in-line centrifugal high lift pump rated for 37.9 L/s vs 79.3 m TDH;
- two (2) ultraviolet reactor systems having a design dosage rate of 40 milli Joules per centimeter squared ( mJ/cm<sup>2</sup>), with automatic cleaning apparatus monitoring and alarm system;
- two (2) duty chemical metering pumps and one (1) 500 L sodium hypo chlorite storage tank;
- one (1) 330 kW Stand-by diesel generator supplying standby power for all pumps, analyzers, ultraviolet reactors and SCADA;

Discharge piping from the pump house to the existing water main, pump control valves, treated water flow meter, chlorine analyzer, turbidity analyzer and full S.C.A.D.A. control.

#### **Standby Generator**

- 45 kW standby natural gas generator in separate building beside Well house #6 supplying standby power for four (4) wells.

#### **Flow Capacity**

- Maximum flow rate = 90.1 L/sec
- Maximum daily volume = 7,785 m<sup>3</sup>/d

**Where any significant expenses incurred during this reporting period to?**

- Install required equipment **NO**
- Repair required equipment **NO**
- Replace required equipment **NO**

**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	Range of Total Coliform Results	Number of HPC Samples	Range of HPC Results (min #)-(max #)

		(min #)-(max #)	(min #)-(max #)		
<b>Raw</b>	306	Min 0 Max 0	Min 0 Max 0	0	N/A
<b>Treated</b>	51	Min 0 Max 0	Min 0 Max 0	51	< 10 cfu/mL – 10 cfu/mL
<b>Distribution</b>	506	Min 0 Max 0	Min 0 Max 0	203	< 10 cfu/mL- 40 cfu/mL

**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 #)
<b>Turbidity</b>	8760	Min 0.01 NTU Max 0.67 NTU
<b>Chlorine</b>	8760	

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

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

Parameter	Sample Date	Result Value Flume	Result Value Well # 7	Unit of Measure
Antimony	07-Jan-09	<0.001	<0.001	mg/L
Arsenic	07-Jan-09	0.0006	0.0005	mg/L
Barium	07-Jan-09	0.079	0.118	mg/L
Boron	07-Jan-09	ND	ND	mg/L
Cadmium	07-Jan-09	<0.00002	<0.00002	mg/L
Chromium	07-Jan-09	<0.002	<0.002	mg/L
Lead	07-Jan-09	-	-	mg/L
Mercury	07-Jan-09	<0.00002	<0.00002	mg/L
Selenium	07-Jan-09	0.0007	0.0012	mg/L
Sodium	07-Jan-09	11	18	mg/L
Uranium	07-Jan-09	0.00142	0.00145	mg/L
Fluoride	07-Jan-09	-	-	mg/L
Nitrite	07-Oct-10	<0.1	<0.1	mg/L



Nitrate	07-Oct-10	1.1	0.4	mg/L
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**Summary of Organic parameters sampled during this reporting period or the most recent sample results**

Parameter	Sample Date	Result Value Flume	Result Value Well # 7	Unit of Measure
Alachlor	07-Jan-09	<0.3	<0.3	ug/L
Aldicarb	07-Jan-09	<3	<3	ug/L
Aldrin + Dieldrin	07-Jan-09	<0.02	<0.02	ug/L
Atrazine + N-dealkylated metabolites	07-Jan-09	<0.5	<0.5	ug/L
Azinphos-methyl	07-Jan-09	<1	<1	ug/L
Bendiocarb	07-Jan-09	<3	<3	ug/L
Benzene	07-Jan-09	<0.5	<0.5	ug/L
Benzo(a)pyrene	07-Jan-09	<0.005	<0.005	ug/L
Bromoxynil	07-Jan-09	<0.03	<0.03	ug/L
Carbaryl	07-Jan-09	<3	<3	ug/L
Carbofuran	07-Jan-09	<1	<1	ug/L
Carbon Tetrachloride	07-Jan-09	<0.2	<0.2	ug/L
Chlordane (Total)	07-Jan-09	<0.04	<0.04	ug/L
Chlorpyrifos	07-Jan-09	<0.5	<0.5	ug/L
Cyanazine	07-Jan-09	<0.5	<0.5	ug/L
Diazinon	07-Jan-09	<1	<1	ug/L
Dicamba	07-Jan-09	<5	<5	ug/L
1,2-Dichlorobenzene	07-Jan-09	<0.1	<0.1	ug/L
1,4-Dichlorobenzene	07-Jan-09	<0.2	<0.2	ug/L
Dichlorodiphenyltrichloroethane (DDT) + metabolites	07-Jan-09	<0.1	<0.1	ug/L
1,2-Dichloroethane	07-Jan-09	<0.1	<0.1	ug/L
1,1-Dichloroethylene (vinylidene chloride)	07-Jan-09	<0.1	<0.1	ug/L
Dichloromethane	07-Jan-09	<0.3	<0.3	ug/L
2-4 Dichlorophenol	07-Jan-09	<0.1	<0.1	ug/L
2,4-Dichlorophenoxy acetic acid (2,4-D)	07-Jan-09	<5	<5	ug/L
Diclofop-methyl	07-Jan-09	<0.4	<0.4	ug/L
Dimethoate	07-Jan-09	<1	<1	ug/L
Dinoseb	07-Jan-09	<0.5	<0.5	ug/L
Diquat	07-Jan-09	<5	<5	ug/L
Diuron	07-Jan-09	<5	<5	ug/L
Glyphosate	07-Jan-09	<25	<25	ug/L
Heptachlor + Heptachlor Epoxide	07-Jan-09	<0.1	<0.1	ug/L
Lindane (Total)	07-Jan-09	<0.1	<0.1	ug/L
Malathion	07-Jan-09	<5	<5	ug/L
Methoxychlor	07-Jan-09	<0.1	<0.1	ug/L

Metolachlor	07-Jan-09	<3	<3	ug/L
Metribuzin	07-Jan-09	<3	<3	ug/L
Monochlorobenzene	07-Jan-09	<.02	<.02	ug/L
Paraquat	07-Jan-09	<1	<1	ug/L
Parathion	07-Jan-09	<3	<3	ug/L
Pentachlorophenol	07-Jan-09	<0.1	<0.1	ug/L
Phorate	07-Jan-09	<.03	<.03	ug/L
Picloram	07-Jan-09	<5	<5	ug/L
Polychlorinated Biphenyls(PCB)	07-Jan-09	<0.05	<0.05	ug/L
Prometryne	07-Jan-09	<.01	<.01	ug/L
Simazine	07-Jan-09	<.05	<.05	ug/L
THM	07-Jan-09	-	-	ug/L
Temephos	07-Jan-09	<10	<10	ug/L
Terbufos	07-Jan-09	<.03	<.03	ug/L
Tetrachloroethylene	07-Jan-09			ug/L
2,3,4,6-Tetrachlorophenol	07-Jan-09	<0.1	<0.1	ug/L
Triallate	07-Jan-09	<10	<10	ug/L
Trichloroethylene	07-Jan-09	<0.2	<0.2	ug/L
2,4,6-Trichlorophenol	07-Jan-09	<0.1	<0.1	ug/L
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	07-Jan-09	<10	<10	ug/L
Trifluralin	07-Jan-09	<0.5	<0.5	ug/L
Vinyl Chloride	07-Jan-09	<0.2	<0.2	ug/L

#### #4 Hanly Treatment System

##### Hanly Groundwater Supply System

Consisting of one (1) active well, equipped with a submersible well water pump, pitless adaptor and isolation valve.

##### The Pump house

Located at the southwest corner of Hanly Street and Russell Street;

*NAD83: UTM Zone 17: 0589280.00m E, 4955008.00m N*

- one (1) ultraviolet reactor system having a design dosage rate of 38 milli-Joules per centimeter squared (mJ/cm<sup>2</sup>), with automatic cleaning apparatus, monitoring and alarm systems;

two (2) chemical metering pumps (one duty and one standby) and one (1) 200 L sodium hypo chlorite storage tank and discharge feed connections;

Discharge piping from the pump house to the Hanley Street existing water main, pump control valves, treated water flow meter, chlorine analyzer, turbidity analyzer and full S.C.A.D.A. control.

##### Flow Capacity

- Maximum flow rate = 15.2 L/sec

- Maximum daily volume = 1,313 m<sup>3</sup>/d

Well 15 Point of Entry supplies treated water to the Lescaut Pressure Zone.

List all water treatment chemicals used over the reporting period.

**Sodium Hypo chlorite - 12% Solution**

Where any significant expenses incurred during this reporting period to?

- Install required equipment **NO**
- Repair required equipment **NO**
- Replace required equipment **NO**

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 #)
<b>Raw</b>	51	Min 0 Max 0	Min 0 Max 0	0	N/A
<b>Treated</b>	51	Min 0 Max 0	Min 0 Max 0	51	< 10 cfu/mL – 310 cfu/mL
<b>Distribution</b>	506	Min 0 Max 0	Min 0 Max 0	160	< 10 cfu/mL- 40 cfu/mL

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 #)
<b>Turbidity</b>	8760	Min 0.05 NTU Max .23 NTU
<b>Chlorine</b>	8760	

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

**#3 Dominion Treatment System**

**Dominion Groundwater Supply System**  
 Consisting of one (1) active well, equipped with a submersible well water pump, pitless adaptor and isolation valve.  
**The Pump house**  
 Located at the southeast corner of Dominion Avenue and Old Penetanguishene Road  
*NAD83: UTM Zone 17: 0586348.00m E, 4954757.00m N*

- one (1) ultraviolet reactor system having a design dosage rate of 38 milli-Joules per centimeter squared (mJ/cm<sup>2</sup>), with automatic cleaning apparatus, monitoring and alarm systems;
- two (2) chemical metering pumps (one duty and one standby) and one (1) 140 L sodium hypo chlorite storage tank and discharge feed connections;
- one (1) electric booster fire pump, fully alarmed and monitored, to supply a fire flow capacity of 91.4 L/sec vs 33.5 m TDH to the County Road #93 commercial distribution grid due west of the Pumping Station.

Discharge piping from the pump house to the existing water main, pump control valves, treated water flow meter, chlorine analyzer, turbidity analyzer and full S.C.A.D.A. control.

**Flow Capacity**

- Maximum flow rate = 23 L/sec
- Maximum daily volume = 1,987 m<sup>3</sup>/d

Well 9 Point of Entry supplies treated water to the West Pressure Zone.

**List all water treatment chemicals used over the reporting period.**

**Sodium Hypo chlorite - 12% Solution**

**Where any significant expenses incurred during this reporting period to?**

- Install required equipment **NO**
- Repair required equipment **NO**
- Replace required equipment **NO**

**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 #)
<b>Raw</b>	51	Min 0 Max 0	Min 0 Max 0	0	N/A
<b>Treated</b>	51	Min 0 Max 0	Min 0 Max 0	51	< 10 cfu/mL –10 cfu/mL
<b>Distribution</b>	506	Min 0 Max 0	Min 0 Max 0	230	< 10 cfu/mL- 40 cfu/mL

**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 #)
<b>Turbidity</b>	8760	Min 0.03 NTU Max .66 NTU
<b>Chlorine</b>	8760	

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

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

Parameter	Sample Date	Result Value Well #9	Result Value Well # 15	Unit of Measure
Antimony	09-Jan-08	ND	ND	mg/L
Arsenic	09-Jan-08	0.0006	0.0005	mg/L
Barium	09-Jan-08	0.140	.130	mg/L
Boron	09-Jan-08	0.009	0.0009	mg/L
Cadmium	09-Jan-08	ND	ND	mg/L
Chromium	09-Jan-08	ND	ND	mg/L
Lead	09-Jan-08	-	-	mg/L
Mercury	09-Jan-08	ND	ND	mg/L
Selenium	09-Jan-08	0.0020	0.0018	mg/L
Sodium	09-Jan-08	29	18	mg/L
Uranium	09-Jan-08	0.00152	0.00171	mg/L
Fluoride	05-Jan-05	-	-	mg/L
Nitrite	07-Oct-10	ND	ND	mg/L
Nitrate	07-Oct-10	1.6	1.4	mg/L

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

Parameter	Sample Date	Result Value Well #9	Result Value Well # 15	
Alachlor	09-Jan-08	ND	ND	ug/L
Aldicarb	09-Jan-08	ND	ND	ug/L
Aldrin + Dieldrin	09-Jan-08	ND	ND	ug/L
Atrazine + N-dealkylated metabolites	09-Jan-08	ND	ND	ug/L
Azinphos-methyl	09-Jan-08	ND	ND	ug/L
Bendiocarb	09-Jan-08	ND	ND	ug/L
Benzene	09-Jan-08	ND	ND	ug/L
Benzo(a)pyrene	09-Jan-08	ND	ND	ug/L
Bromoxynil	09-Jan-08	ND	ND	ug/L
Carbaryl	09-Jan-08	ND	ND	ug/L
Carbofuran	09-Jan-08	ND	ND	ug/L
Carbon Tetrachloride	09-Jan-08	ND	ND	ug/L
Chlordane (Total)	09-Jan-08	ND	ND	ug/L
Chlorpyrifos	09-Jan-08	ND	ND	ug/L
Cyanazine	09-Jan-08	ND	ND	ug/L
Diazinon	09-Jan-08	ND	ND	ug/L
Dicamba	09-Jan-08	ND	ND	ug/L
1,2-Dichlorobenzene	09-Jan-08	ND	ND	ug/L
1,4-Dichlorobenzene	09-Jan-08	ND	ND	ug/L

Dichlorodiphenyltrichloroethane (DDT) + metabolites	09-Jan-08	ND	ND	ug/L
1,2-Dichloroethane	09-Jan-08	ND	ND	ug/L
1,1-Dichloroethylene (vinylidene chloride)	09-Jan-08	ND	ND	ug/L
Dichloromethane	09-Jan-08	ND	ND	ug/L
2-4 Dichlorophenol	09-Jan-08	ND	ND	ug/L
2,4-Dichlorophenoxy acetic acid (2,4-D)	09-Jan-08	ND	ND	ug/L
Diclofop-methyl	09-Jan-08	ND	ND	ug/L
Dimethoate	09-Jan-08	ND	ND	ug/L
Dinoseb	09-Jan-08	ND	ND	ug/L
Diquat	09-Jan-08	ND	ND	ug/L
Diuron	09-Jan-08	ND	ND	ug/L
Glyphosate	09-Jan-08	ND	ND	ug/L
Heptachlor + Heptachlor Epoxide	09-Jan-08	ND	ND	ug/L
Lindane (Total)	09-Jan-08	ND	ND	ug/L
Malathion	09-Jan-08	ND	ND	ug/L
Methoxychlor	09-Jan-08	ND	ND	ug/L
Metolachlor	09-Jan-08	ND	ND	ug/L
Metribuzin	09-Jan-08	ND	ND	ug/L
Monochlorobenzene	09-Jan-08	ND	ND	ug/L
Paraquat	09-Jan-08	ND	ND	ug/L
Parathion	09-Jan-08	ND	ND	ug/L
Pentachlorophenol	09-Jan-08	ND	ND	ug/L
Phorate	09-Jan-08	ND	ND	ug/L
Picloram	09-Jan-08	ND	ND	ug/L
Polychlorinated Biphenyls(PCB)	09-Jan-08	ND	ND	ug/L
Prometryne	09-Jan-08	ND	ND	ug/L
Simazine	09-Jan-08	ND	ND	ug/L
THM	09-Jan-08	ND	ND	ug/L
Temephos	09-Jan-08	ND	ND	ug/L
Terbufos	09-Jan-08	ND	ND	ug/L
Tetrachloroethylene	09-Jan-08	ND	ND	ug/L
2,3,4,6-Tetrachlorophenol	09-Jan-08	ND	ND	ug/L
Triallate	09-Jan-08	ND	ND	ug/L
Trichloroethylene	09-Jan-08	ND	ND	ug/L
2,4,6-Trichlorophenol	09-Jan-08	ND	ND	ug/L

2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	09-Jan-08	ND	ND	ug/L
Trifluralin	09-Jan-08	ND	ND	ug/L
Vinyl Chloride	09-Jan-08	ND	ND	ug/L

**If you have any questions please direct them to the following contacts;**

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