Part III Form 2
Section 11. ANNUAL REPORT

Drinking-Water System Number:	**220007285**
Drinking-Water System Name:	HILLSBURGH DRINKING WATER SYSTEM
Drinking-Water System Owner:	CORPORATION OF THE TOWN OF ERIN
Drinking-Water System Category:	LARGE MUNICIPAL RESIDENTIAL
Period being reported:	JANUARY 1 – DECEMBER 31, 2010

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people? Yes [ ] No [X]

Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No [ ]

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

TOWN OF ERIN
COMPLIANCE ADMINISTRATOR'S OFFICE
5684 TRAFALGAR ROAD
HILLSBURGH, ON N0B 1Z0

Complete for all other Categories.

Number of Designated Facilities served:

N/A

Did you provide a copy of your annual report to all Designated Facilities you serve?
Yes [ ] No [ ]

Number of Interested Authorities you report to: N/A

Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?
Yes [ ] No [ ]

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
N/A	**N/A**

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? N/A
Yes [ ] No [ ]

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**
- **[X] Public access/notice via Public Request**

Describe your Drinking-Water System

Well No. H2 is located on Wellington Rd 24 at the Hillsburgh Heights Facility. It is an 88 m deep drilled groundwater well, constructed of steel casing of 200 mm diameter to a depth of 51 m. It is equipped with a submersible pump rated at 702 L/min at 52.7 m. It discharges through a 150 mm diameter line into a reservoir. A lead removal treatment system has been installed at the Hillsburgh Heights pumphouse.

Well No. H3 is located at Victoria Park, across the road from the Glendevon pumphouse. It is a 57.9 m deep drilled groundwater well, constructed of steel casing of 200 mm diameter to a depth of 20.1 m. It is equipped with a submersible pump rated at 456 L/min. It is connected to a 75 mm diameter discharge line leading to the reservoir.

List all water treatment chemicals used over this reporting period

Treatment at the Glendevon facility consists of disinfection with sodium hypochlorite.
Treatment at the Hillsburgh Heights facility consists of disinfection of sodium hypochlorite and lead removal.

Were any significant expenses incurred to?

[X] Install required equipment
[X] Repair required equipment
[X] Replace required equipment

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

Water Van	**$20,259.00**
Water Rate/Financial Plan Study	**$24,712.00**
Hillsburgh Well House Maintenance	**$18,416.00**
Hillsburgh Water Main (Mill Street)	**$34,587.00**
Hillsburgh Water Main (Ann Street)	**$211,078.00**
Hillsburgh Distributuion Maintenance	**$15,606.00**
Hydro	**$29,451.00**

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
01/20/2010	*Lead Exceedance*	*0.11*	*Mg/L*	*Resampled results OK*	*01/25/2010*
01.20/2010	*Lead Exceedance*	*0.12*	*Mg/L*	*Resampled results OK*	*01/25/2010*

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 & Background Bacteria Samples	Range of HPC Results (min #)-(max #)
Raw	104	0	0	104	0 – 2cfu/100 ml
Treated	104	0	0	208	0 – 3 cfu.100 ml
Distribution	104	0	0	208	0 – 540 cfu/100 ml (HPC)

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	*24*	*0.03 – 0.89 NTU*
Chlorine *(continuous)*	*8760*	*.218288 – 2.00161*
Chlorine *(grab samples)*	*365*	*0.30 – 1.50*
Fluoride (If the DWS provides fluoridation)	N/A	N/A

***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	Sampling Point	Parameter	Date Sampled	Result	Unit of Measure
01/18/2010	*Hillsburgh Heights Treated*	*Lead*	*03/02/2010*	*0.0037*	*mg/L*
01/18/2010	*Hillsburgh Heights Raw*	*Lead*	*03/02/2010*	*0.013*	*mg/L*
01/18/2010	*Hillsburgh Heights Treated*	*Lead*	*06/10/2010*	*0.0043*	*mg/L*
01/18/2010	*Hillsburgh Heights Raw*	*Lead*	*06/10/2010*	*0.0093*	*mg/L*
01/18/2010	*Hillsburgh Heights Treated*	*Lead*	*09/14/2010*	*0.0046*	*mg/L*
01/18/2010	*Hillsburgh Heights Raw*	*Lead*	*09/14/2010*	*0.010*	*mg/L*
01/18/2010	*Hillsburgh Heights Treated*	*Lead*	*12/06/2010*	*0.0050*	*mg/L*
01/18/2010	*Hillsburgh Heights Raw*	*Lead*	*12/06/2010*	*0.12*	*mg/L*
01/18/2010	*Hillsburgh Heights Raw*	*Gross Alpha*	*09/16/2008*	*0.3*	*Bq/L*
01/18/2010	*Hillsburgh Heights Raw*	*Gross Beta*	*09/16/2008*	*0.3*	*Bq/L*

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	**1**	**0.0008**	**n/a**
Distribution	**8**	**0.0010 – 0.12**	**2**

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	05/20/2009	ND		
Arsenic	05/20/2009	ND		
Barium	05/20/2009	0.048		
Boron	05/20/2009	0.02		
Cadmium	05/20/2009	ND		
Chromium	05/20/2009	ND		
Lead (distribution)	11/08/2010	0.0010		
Mercury	05/20/2009	ND		
Selenium	05/20/2009	ND		
Sodium	09/16/2008	13		
Uranium	05/20/2009	0.0038		
Fluoride	09/16/2008	1.0		
Nitrite	12/06/2010	ND		
Nitrate	12/06/2010	1.1		

*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 Organic parameters sampled during this reporting period or the most recent sample results *Hillsburgh Heights*

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	05/20/2009	ND	ug/L	
Aldicarb	05/20/2009	ND	ug/L	
Aldrin + Dieldrin	05/20/2009	ND	ug/L	
Atrazine + N-dealkylated metobolites	05/20/2009	ND	ug/L	
Azinphos-methyl	05/20/2009	ND	ug/L	
Bendiocarb	05/20/2009	ND	ug/L	
Benzene	05/20/2009	ND	ug/L	
Benzo(a)pyrene	05/20/2009	ND	ug/L	
Bromoxynil	05/20/2009	ND	ug/L	
Carbaryl	05/20/2009	ND	ug/L	
Carbofuran	05/20/2009	ND	ug/L	
Carbon Tetrachloride	05/20/2009	ND	ug/L	
Chlordane (Total)	05/20/2009	ND	ug/L	

Chlorpyrifos	05/20/2009	ND	ug/L	
Cyanazine	05/20/2009	ND	ug/L	
Diazinon	05/20/2009	ND	ug/L	
Dicamba	05/20/2009	ND	ug/L	
1,2-Dichlorobenzene	05/20/2009	ND	ug/L	
1,4-Dichlorobenzene	05/20/2009	ND	ug/L	
Dichlorodiphenyltrichloroethane (DDT) + metabolites	05/20/2009	ND	ug/L	
1,2-Dichloroethane	05/20/2009	ND	ug/L	
1,1-Dichloroethylene (vinylidene chloride)	05/20/2009	ND	ug/L	
Dichloromethane	05/20/2009	ND	ug/L	
2-4 Dichlorophenol	05/20/2009	ND	ug/L	
2,4-Dichlorophenoxy acetic acid (2,4-D)	05/20/2009	ND	ug/L	
Diclofop-methyl	05/20/2009	ND	ug/L	
Dimethoate	05/20/2009	ND	ug/L	
Dinoseb	05/20/2009	ND	ug/L	
Diquat	05/20/2009	ND	ug/L	
Diuron	05/20/2009	ND	ug/L	
Glyphosate	05/20/2009	ND	ug/L	
Heptachlor + Heptachlor Epoxide	05/20/2009	ND	ug/L	
Lindane (Total)	05/20/2009	ND	ug/L	
Malathion	05/20/2009	ND	ug/L	
Methoxychlor	05/20/2009	ND	ug/L	
Metolachlor	05/20/2009	ND	ug/L	
Metribuzin	05/20/2009	ND	ug/L	
Monochlorobenzene	05/20/2009	ND	ug/L	
Paraquat	05/20/2009	ND	ug/L	
Parathion	05/20/2009	ND	ug/L	
Pentachlorophenol	05/20/2009	ND	ug/L	
Phorate	05/20/2009	ND	ug/L	
Picloram	05/20/2009	ND	ug/L	
Polychlorinated Biphenyls(PCB)	05/20/2009	ND	ug/L	
Prometryne	05/20/2009	ND	ug/L	
Simazine	05/20/2009	ND	ug/L	
THM (Distribution) (NOTE**:** show latest annual average**)**	12/06/2010	8.8	ug/L	
Temephos	05/20/2009	ND	ug/L	
Terbufos	05/20/2009	ND	ug/L	
Tetrachloroethylene	05/20/2009	ND	ug/L	
2,3,4,6-Tetrachlorophenol	05/20/2009	ND	ug/L	
Triallate	05/20/2009	ND	ug/L	
Trichloroethylene	05/20/2009	ND	ug/L	
2,4,6-Trichlorophenol	05/20/2009	ND	ug/L	
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	05/20/2009	ND	ug/L	
Trifluralin	05/20/2009	ND	ug/L	
Vinyl Chloride	05/20/2009	ND	ug/L	

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	05/20/2009	ND		
Arsenic	05/20/2009	0.001		
Barium	05/20/2009	0.020		
Boron	05/20/2009	0.03		
Cadmium	05/20/2009	ND		
Chromium	05/20/2009	ND		
Lead (distribution)	11/08/2010	0.0010		
Mercury	05/20/2009	ND		
Selenium	05/20/2009	ND		
Sodium	09/16/2008	12		
Uranium	05/20/2009	0.0002		
Fluoride	09/16/2008	0.6		
Nitrite	12/06/2010	ND		
Nitrate	12/06/2010	ND		

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	05/20/2009	ND	ug/L	
Aldicarb	05/20/2009	ND	ug/L	
Aldrin + Dieldrin	05/20/2009	ND	ug/L	
Atrazine + N-dealkylated metobolites	05/20/2009	ND	ug/L	
Azinphos-methyl	05/20/2009	ND	ug/L	
Bendiocarb	05/20/2009	ND	ug/L	
Benzene	05/20/2009	ND	ug/L	
Benzo(a)pyrene	05/20/2009	ND	ug/L	
Bromoxynil	05/20/2009	ND	ug/L	
Carbaryl	05/20/2009	ND	ug/L	
Carbofuran	05/20/2009	ND	ug/L	
Carbon Tetrachloride	05/20/2009	ND	ug/L	
Chlordane (Total)	05/20/2009	ND	ug/L	
Chlorpyrifos	05/20/2009	ND	ug/L	
Cyanazine	05/20/2009	ND	ug/L	
Diazinon	05/20/2009	ND	ug/L	
Dicamba	05/20/2009	ND	ug/L	
1,2-Dichlorobenzene	05/20/2009	ND	ug/L	
1,4-Dichlorobenzene	05/20/2009	ND	ug/L	

Dichlorodiphenyltrichloroethane (DDT) + metabolites	05/20/2009	ND	ug/L	
1,2-Dichloroethane	05/20/2009	ND	ug/L	
1,1-Dichloroethylene (vinylidene chloride)	05/20/2009	ND	ug/L	
Dichloromethane	05/20/2009	ND	ug/L	
2-4 Dichlorophenol	05/20/2009	ND	ug/L	
2,4-Dichlorophenoxy acetic acid (2,4-D)	05/20/2009	ND	ug/L	
Diclofop-methyl	05/20/2009	ND	ug/L	
Dimethoate	05/20/2009	ND	ug/L	
Dinoseb	05/20/2009	ND	ug/L	
Diquat	05/20/2009	ND	ug/L	
Diuron	05/20/2009	ND	ug/L	
Glyphosate	05/20/2009	ND	ug/L	
Heptachlor + Heptachlor Epoxide	05/20/2009	ND	ug/L	
Lindane (Total)	05/20/2009	ND	ug/L	
Malathion	05/20/2009	ND	ug/L	
Methoxychlor	05/20/2009	ND	ug/L	
Metolachlor	05/20/2009	ND	ug/L	
Metribuzin	05/20/2009	ND	ug/L	
Monochlorobenzene	05/20/2009	ND	ug/L	
Paraquat	05/20/2009	ND	ug/L	
Parathion	05/20/2009	ND	ug/L	
Pentachlorophenol	05/20/2009	ND	ug/L	
Phorate	05/20/2009	ND	ug/L	
Picloram	05/20/2009	ND	ug/L	
Polychlorinated Biphenyls(PCB)	05/20/2009	ND	ug/L	
Prometryne	05/20/2009	ND	ug/L	
Simazine	05/20/2009	ND	ug/L	
THM (Distribution) (NOTE**:** show latest annual average**)**	12/06/2010	8.8	ug/L	
Temephos	05/20/2009	ND	ug/L	
Terbufos	05/20/2009	ND	ug/L	
Tetrachloroethylene	05/20/2009	ND	ug/L	
2,3,4,6-Tetrachlorophenol	05/20/2009	ND	ug/L	
Triallate	05/20/2009	ND	ug/L	
Trichloroethylene	05/20/2009	ND	ug/L	
2,4,6-Trichlorophenol	05/20/2009	ND	ug/L	
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	05/20/2009	ND	ug/L	
Trifluralin	05/20/2009	ND	ug/L	
Vinyl Chloride	05/20/2009	ND	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
N/A			