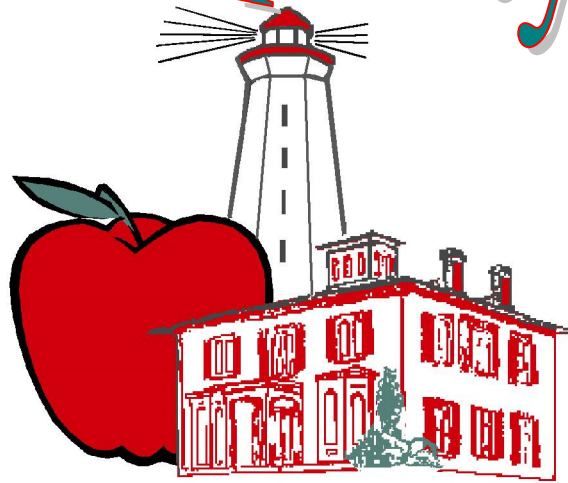


Municipality of



Brighton

2007 ANNUAL COMPLIANCE REPORT
ON DRINKING WATER QUALITY

Certificate of Approval No. 5482-6FJKQH
Waterworks Identification No. 220000807

2007 ANNUAL SUMMARY REPORT FOR COUNCIL

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2007 ANNUAL SUMMARY REPORT FOR COUNCIL

Summary Reports for Municipalities, Schedule 22 of O.Reg. 170/03, has been prepared to assist Brighton's Municipal Council in understanding the capability and operation of the drinking-water system and the quality of its water.

The report summarizes:

1. Brighton's Large Municipal Residential Drinking-Water System
2. Ontario Drinking-Water Systems Regulations
3. Requirements of the Regulations and System's Approvals
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5. Brighton's Small Municipal Non-Residential Systems
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1. BRIGHTON'S MUNICIPAL DRINKING WATER SYSTEM

1.1 Raw Water Source

In 2007, water sources at the Brighton Well Supply consisted of three drilled wells. The only raw water source is groundwater which is captured from a deep aquifer by drilled wells located adjacent to the old Upper Reservoir site. There are three wells that draw water from the aquifer under the reservoir area: Well Nos. 1, 2 and 3 pumps work on rotation

As part of Brighton's Turbidity Report-Action Plan and Implementation Schedule, mitigation measures included, pumping to waste until turbidity levels were below 1.0 NTU. As of October 14th, 2005, water was supplied to the new storage and treatment facility by the three groundwater wells.

The Brighton Well Supply plant has been fortunate in having an excellent source of natural spring water as its main source of water supply. However all existing and future potable water storage structures must be completely covered to prevent contamination of stored water. The transition to a secure groundwater supply to meet O.Reg.170/03 and the Procedure for Disinfection of Drinking Water in Ontario included construction of the third well and a new storage facility. A fail safe control system has been installed to ensure that an upward hydraulic gradient is maintained at all times in the raw water supply aquifer. This system includes water level sensors in each observation and production well, an alarm system equipped with pre-determined set-points for well depth, and a SCADA data-log system. The work was completed and commissioned in October, 2005.

1.2 Treatment Process

Disinfection of water to eliminate disease-causing organisms is the most important step in the water treatment process. In October 2005 our upgraded system came on-line which changed our system from an open surface water reservoir system to an enclosed concrete storage reservoir. This enables us to have more contact time for chlorination, this is done by injecting Chlorine gas into the water as it enters into one of two cells (*which is called Pre-Chlorination*). The concrete water storage reservoir is approximately 39 m x 58 m, and consists of two cells. Each cell is equipped with baffles and provides $2800 \text{ m}^3 \times 2 = 5600 \text{ m}^3$ of water storage and equipped with overflow, drain system, piping and appurtenances, and a water main from the **Water Treatment Plant** (WTP) and reservoir to the existing distribution system (DS). A WTP building approximately 39 m x 10 m housing a primary and secondary disinfection system consisting of two (2) gas chlorinators, weigh scales, vacuum regulators, injectors and appurtenances to facilitate application of chlorine solution for pre-chlorination at a point where water enters either cell from the wells and also post-chlorination as water enters the DS. Instrumentation and controls including on-line chlorine residual analyzer and turbidity meters measure the chlorine residuals and turbidity in the reservoirs and the outlet to the DS. Emergency power is provided by a 15 KW standby power generator and a 80 KW trailer mounted standby generator including manually operated transfer switch. There is a drain/bypass line from the WTP and reservoirs to outfall through a bypass detention pond.

1.3 Distribution System

The Municipality of Brighton's distribution system provides drinking water to approximately 6070 residents through a network of approximately 57 km. of piping and 2,510 residential and 170 commercial accounts. Fire hydrants are maintained by the Water Department, which includes a flushing program to clean the mains and flush out dead-ends. This practice maintains the water quality in the distribution system and ensures the hydrants are in good repair. Chlorine residuals, as well as microbiological sampling and testing, in the distribution system are checked on a weekly basis. At least seven separate sites. Operators also test chlorine residuals on a daily basis in the distribution system as per O. Reg. 170/03.

Upgrades to the distribution system in 2007 included replacement of 6" cast water main with 6" PVC main on Division St. from Park St. to Chapel Street and including all household services and fire hydrants. The same was also done on Lakeview Heights from Hope St, and on Dorman St. from Kingsley St. to Young St. including all household services and fire hydrants. There was also an extension to Perry St. of approximately 200 feet, including services and hydrant. On Division St. South a new fire hydrant was installed at the dead end intersection with Lyon St. for flushing and fire protection. There were also extensions to the distribution system on Algonquin Avenue (Roos Subdivision), Beacon Drive (Harbour Point Subdivision) and Empire Boulevard (Stalwood Homes Subdivision).

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In 2007, there were 27 water leaks in the distribution system. Most of the water leaks (25) were the cause of worn flared connection fittings and worn copper services lines. There were 2 main line breaks in 2007. Also, there were 8 hydrant leaks.

1.4 Consumption and Water Rates

Increases in monthly flows in the past years are directly associated with weather patterns where warmer temperatures and decreased precipitation are associated with higher daily flow demands by consumers. In 2007, a total of **968,818 m³** of water was used. Therefore, based on a population of 6070 residents on the distribution system, the per capita for water consumption was 159.6 m³/ person/year or **0.437 m³ (437 Litres)**/person/day. Based on 2007 consumption, the average daily demand was **2,654 m³/day**, the average daily demand represents the average quantity of water treated at the water treatment plant. Peak day demand represents the highest volume of water treated over a given 24-hour period, usually the hottest day of the year but it could also include fire suppression usage. This occurred on June 28th, 2007 at **4,490 m³/day**.

In 2007, the Bulk Water Facility was utilized by eight bulk water supply contractors as well as sales at the *Municipal Public Water Dispenser* for a total of 77 m³.

By-law Number 274-2004 enacts the rules and regulations for the installation, repair, maintenance, and access to the Water Distribution System and appurtenant water meters, sanitary and storm sewer services and related appurtenances; the billing and collection of charges for water and sewer usage; and the penalties for offences of the water and sewer works in the Municipality of Brighton.

As part of the Municipality of Brighton's water conservation policy, the Water Conservation By-law No. 029-2001, is enforced annually from June 1st to September 15th. This by-law is maintained to regulate and restrict the unnecessary use of water for outdoor purposes within the serviced area. Staff monitor and enforce compliance to this by-law during the period that it is in effect.

Table I

WATER CONSUMPTION / FLOWS (m³)							
MONTH	YEAR						
	2001	2002	2003	2004	2005	2006	2007
January	76,773	69,912	78,265	71,970	70,952	82,272	58,718
February	63,693	62,483	70,877	68,580	71,484	69,405	56,628
March	77,381	68,314	75,369	79,259	69,759	76,039	63,579
April	73,377	67,718	70,619	72,723	61,223	72,884	65,329
May	115,800	69,653	80,476	79,911	69,198	86,572	89,653
June	89,667	79,769	86,909	89,335	89,504	89,064	105,967
July	114,793	111,753	98,759	87,648	91,527	85,591	99,390
August	115,775	106,421	96,356	86,528	89,244	93,161	107,735
September	88,386	95,634	90,002	78,125	82,643	68,548	96,781
October	78,357	73,716	75,261	76,815	81,680	65,398	79,923
November	73,073	75,738	72,510	74,115	80,713	63,636	70,758
December	73,704	83,509	70,377	72,995	79,890	59,960	74,357
Total Flow	1,040,779	964,620	965,781	938,004	937,827	911,530	968,818
Monthly Avg.	86,732	80,385	80,482	77,908	78,152	75,961	80,735
Monthly Max.	115,800	111,753	98,759	89,335	91,527	93,161	107,735
Monthly Min.	63,693	62,483	70,377	68,580	61,223	59,960	56,628

YEAR	2001	2002	2003	2004	2005	2006	2007
Annual avg. daily Flow m ³ /day	2,851	2,643	2,645	2,562	2,545	2,495	2,654
Max.daily flow m ³ /day	4,787	4,958	4,656	3,733	4,087	4,087	4,490
Rated Capacity	6,445	6,445	6,445	6,445	6,445	6,445	6,445
%max.day	74%	77%	72%	58%	63%	63%	69%
rated capacity % annual avg daily flow m ³ /day	44%	41%	41%	40%	39%	39%	41%

Water Use Summary for 2007

Water produced at the Water Treatment Plant	968,818 m ³
Amount of water used by Customers	734,966 m ³
Amount of water used for Hydrant flushing	4,398 m ³
Amount of water sold at Bulk Water and Public Dispensing Station	77 m ³
Estimated amount of water used for flushing and swabbing of new watermains	345 m ³
Estimated amount of water used by Fire Department for practices and fires	165 m ³
Estimated amount of water unbilled due to defective meters	21,378 m ³
27 Water Service Leaks at an estimated 4,475 m ³ per leak	120,000 m ³
8 Hydrant leaks at an estimated 4,475 m ³ per leak	35,800 m ³
<hr/>	
Total amount of water unaccounted for in 2007	51,689 m ³





Therefore approximately 5.3% of the total water supply remained unaccounted for in 2007.


**Water costs money...
don't waste it!**

A dripping faucet or fixture can waste 3 gallons a day...a total of 1095 gallons a year.

Conserve Water and Save Money!
A reminder from your local water utility where we're dedicated to quality and service.

Waste per quarter at 60 psi water pressure

Diameter of stream	Gallons	Cubic Feet	Cubic Meters
 1/4"	1,181,500	158,000	4,475
 3/16"	666,000	89,031	2,521
 1/8"	296,000	39,400	1,115
 1/16"	74,000	9,850	280

 A continuous leak from a hole this size would, over a three month period, waste water in the amounts shown above.

2. Ontario Drinking Water-Systems Regulations

2.1 THE SAFE DRINKING WATER ACT, 2002

The purpose of the Act is to gather in one place all legislation and regulations relating to the treatment and distribution of drinking water, to protect human health through the control and regulation of drinking water systems and drinking water testing. The new Drinking Water Systems Regulation and its supporting regulations can be found at www.ene.gov.on.ca. The Safe Drinking Water Act will be incorporating a statutory standard of care, whereby every director and officer of a corporation (including municipal councillors) that owns a municipal drinking water system has a duty to take all reasonable steps to prevent any user of the system from being exposed to an unreasonable health risk that may arise from their consumption of drinking water. With this, municipal officials are expected to be informed of their drinking water system and acquainted with drinking-water legislation and regulations.

On May 14, 2004, the Ministry of the Environment filed a new certification regulation for operators of municipal and regulated non-municipal drinking water systems, titled *O.Reg. 128/04 Certification of Drinking-Water System Operators and Water Quality Analysts* under the *Safe Drinking Water Act, 2002*: This new regulation ensures tougher certification and training rules for water system operators based on the classification of the Municipal Residential System. This regulation explains operating standards for Municipal Residential Subsystems and Limited Subsystems that are to be followed and maintained by the owner or operating authority of the subsystem including record-keeping re: operation of the subsystem, operation and maintenance manuals, operator training, and duties of the operator-in-charge.

2.2 THE DRINKING WATER PROTECTION REGULATION (O.Reg.170/03)

Effective June 1, 2003, the Drinking Water Protection Regulation (O.Reg. 170/03) replaced the Drinking Water Protection Regulation for larger Waterworks (O.Reg. 459/00). Regulation 170/03 sets water treatment standards for a variety of water systems and includes a number of supporting regulations, including the Drinking Water Quality Standards Regulation (O.Reg. 169/03) which prescribes standards for 161 physical/chemical, microbiological and radiological parameters.

2.3 SUSTAINABLE WATER AND SEWAGE SYSTEMS ACT, 2002

This Act ensures clean, safe drinking water for Ontario residents by making it mandatory for municipalities to assess and cost-recover the full amount of water and sewer services. A report to the Ministry on the full cost of water and wastewater services is to include a cost recovery plan for operating costs, source protection costs, financing costs, renewal and replacement costs and improvement costs associated with treating and distributing water to the public.

2.4 DEFINITIONS

Accredited Lab, all laboratories that test drinking water must be accredited for the tests they perform by the Standards Council of Canada or its equivalent. Accreditation involves performance testing and auditing to ensure that laboratories follow appropriate procedures using acceptable methods.

Chlorine Residual – chlorine residual in water is a component of chlorine after the initial disinfection or chlorine demand has been satisfied. The maintenance of a chlorine residual in the distribution system is intended to keep a persistent disinfectant residual to protect the water from microbiological re-contamination and serve as an indicator of distribution system integrity.

GUDI Groundwater Under Direct Influence of Surface Water – in some groundwater supplies, situations may exist where contaminants typically found on the ground or in surface water, such as a lake or river, find their way into the groundwater and can be pumped from the well into the water distribution system. Such a system is referred to as Groundwater Under Direct Influence of Surface Water or GUDI. This can be caused by a number of different factors including the geology surrounding a well, insufficient travel time between the well intake and surface water or a defect in the well. A true groundwater supply would normally be free of harmful microbiological contaminants and reflect only disinfection be provided as a minimum level of treatment along with a minimum chlorine residual after 15 minutes contact time.

MAC Maximum Acceptable Concentration – This is a health-related Ontario drinking water standard established for contaminants that have known or suspected adverse health effects when above a certain concentration. The length of time the MAC can be exceeded without injury to health will depend of the nature and concentration of the parameter.

IMAC Interim Maximum Acceptable Concentration – This is a health related Ontario drinking water standard established for contaminants when there are insufficient toxicological data to establish a MAC with reasonable certainty, or when it is not practical to establish a MAC at the desired level.

Inorganic parameters – substances such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production mining, farming, or domestic plumbing.

OG Operational Guidelines are established for parameters that need to be controlled to ensure efficient and effective treatment and distribution of water.

mg/L milligrams per litre is a measure of concentration of a parameter in water, sometimes called parts per million (ppm).

µg/L micrograms per litre is a measure of concentration of a parameter in water, sometimes called parts per billion (ppb).

Parameter is a substance that is sampled and analyzed in the water.

Potable Water is water from ground or surface sources that is supplied for human consumption.

Raw Water – water entering the treatment plant prior to any chemical addition. Raw water sampling and analysis provides a measure of source water quality which allows assessment and adjustment of treatment process; information on the source of any contaminants; and long term trends in source water quality.

Total Trihalomethanes (THM) – are the most widely occurring synthetic organics found in chlorinated drinking water. The principal source of Trihalomethanes is the action of chlorine with naturally occurring organics (material that comes from plant or animal sources). The maximum acceptable concentration for THM is 0.10 mg/L based on four quarter moving annual average test results, tested at a remote point site in the distribution system.

Turbidity – turbidity in water is caused by the presence of suspended matter such as clay, silt and microscopic organisms and is commonly present in the source water as a result of soil runoff. The substances and particles that cause turbidity can be responsible for interference with disinfection, can be a source of disease-causing organisms, and can shield pathogenic organisms from the disinfection process.

Treated Water is source water that has been altered in order to disinfect and ensure treatment has producing water of equal or better quality.

3 Requirements of the Drinking-Water System Regulation

3.1 Sample & Test drinking water in a frequency designed to reflect the type and user of the system. Specific requirements for each category differ depending on the size and population served.

- Category of System - Brighton Well Supply is categorized as **Large Municipal Residential**, which is defined as a municipal drinking water system that serves a major residential development of more than 100 private residences.
- Sampling & Testing requirements for a Large Municipal Residential drinking water system state that the owner of the drinking-water system and the operating authority for the system shall ensure samples be tested for the following:
 - Microbiological – O.Reg. 170/03 Schedule 10 requires at least eight distribution samples, plus one additional distribution sample for every 1,000 people served by the system, are taken every month, with at least one of the samples being taken each week. With this, 13 treated distribution samples would be required monthly. Brighton currently samples at least 7 distribution samples weekly or approximately 28 samples monthly, and 1 treated water sample weekly. These samples are tested for Escherichia coli or fecal coliforms and total coliforms, and 25% of the samples are tested for general bacteria

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populations expressed as background colony counts on the total coliform membrane filter or as colony counts on a heterotrophic plate count. Raw water samples are required to be tested at least once every week from the drinking-water system's raw water before any treatment is applied to the water. Raw water was sampled weekly from Well #1, Well #2 and Well #3.

Table 2-Microbiological Sampling & Testing-Large Municipal Residential

Source	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Well #1	5	4	5	4	5	4	5	4	4	5	4	4	53
Well #2	5	4	5	4	5	4	5	4	4	5	4	4	53
Well #3	5	4	5	4	5	4	5	4	4	5	4	4	53
Total Raw Samples	15	12	15	12	15	12	15	12	12	15	12	12	159

Treated Water POE (Point of Entry)	5	4	5	4	5	4	5	4	4	5	4	4	53
Distribution System	40	32	40	32	40	32	40	32	32	40	32	32	424
Total Treated Samples	45	36	45	36	45	36	45	36	36	45	36	36	477

Microbiological Results	Number of Samples	Range of E.Coli Results	Range of Total Coliform Results	Number of HPC Samples	Range of HPC Results
Raw	159	<1 - 238	<1 - >400	159	
Treated Water POE-Chlorine Station	53	Absent	Absent	53	<10 - 20
Distribution	477	<1	<1	105	<10 - 40

- Chemical Sampling & Testing – O.Reg. 170/03 Schedule 13 requires Large Municipal Residential Systems be tested for the following:
 - (i) Inorganics (Schedule 23) be tested at least every 12 months if the system obtains water from a raw water supply that is surface water. Note that once the water system switches to groundwater (wells) then sampling for organic/inorganic parameters can be reduced to every 36 months.
 - (ii) Lead - at least one sample in the distribution system is taken every 12 months from a point in the drinking-water system's distribution system or in plumbing that is connected to the drinking-water system that is likely to have an elevated concentration of lead. In 2007 new Regulations were added to test for Lead Schedule 15.1-5 starting dates to be started between December 2007 - April 2008.
 - (iii) Organics – if the system obtains water from a raw water supply that is surface water, at least one water sample is taken every 12 months. When the raw water source is groundwater (wells) then at least one water sample must be taken every 36 months.

- (iv) Trihalomethanes – at least one distribution sample is taken every three months from a point in the drinking-water system that is likely to have an elevated potential for the formation of Trihalomethanes.
- (v) Nitrate and Nitrite, one water sample taken every three months.
- (vi) Sodium, one water sample taken every 60 months.
- (vii) Fluoride, one water sample taken every 60 months.

See **Appendix I** – Part III Form 2 for Brighton’s Annual Report electronic submission to MOE; there were no exceedances of organic or inorganic parameters tested during this period.

3.1 Use an Accredited Laboratory

Drinking-water systems must use a licensed laboratory as outlined in the Drinking Water Testing Services Regulation (O.Reg.248/03) which became law in June 2003.

- Laboratory Services Notification Forms O.Reg. 170/03 were completed and submitted to the Ministry of Environment. Confirmation that Caduceon Laboratories in Kingston, Nepean, and Ottawa as well as Lakefield Research are listed with The Standards Council of Canada as an accredited lab was made. Notifications were sent to the labs to ensure clear and complete notification is reported when adverse water quality incidents may be reported.

3.2 Report adverse test results

Any test result that exceeds any of the standards in Schedules 1, 2, 3 (other than fluoride) in the Ontario Drinking Water Quality Standards (O.Reg.169/03) verbally and in writing to both the local Medical Officer of Health and the Ministry of the Environment.

- On March 7th, 2007 the lab notified us of a P/A (present/absent) Total Coliforms, a resample was done and came back negative for Total Coliforms.

3.3 Obtain a Certificate of Approval and a Permit To Take Water for a municipal residential drinking-water system from the ministry.

In the future, approval will be replaced with municipal drinking-water system licenses and drinking-water works permits. In order to obtain a license, an owner will be required to have an operational plan approved by the ministry, an accredited operating authority, financial plans, a permit to take water and a drinking water works permit.

Brighton Water Well Supply System’s Approvals include:

- 1) Certificate of Approval Number 5482-6FJKQH dated the 25th day of August, 2005 amended the previous certificate by extending the completion date to October 31st, 2005, for upgrades of the drinking-water system to comply with O.Reg. 170/03 and

Procedure for Disinfection of Drinking Water in Ontario. Commissioning of the new facility was completed in accordance with the current certificate.

- 2) Permit to Take Water No. 2001-62MNU2 was issued to the municipality on September 27, 2004 and authorizes the withdrawal of water from each of the production wells Nos. 1, 2 and 3 at a maximum rate of 24.9 L/s, 1,494 L/min. or 2,151,360 L/day.

Well No. 1 24.9 L/s, 1,494 L/min or 2,151,360 L/day

Well No. 2 24.9 L/s, 1,494 L/min or 2,151,360 L/day

Well No. 3 24.9 L/s, 1,494 L/min or 2,151, 360 L/day

3.4 Have certified operators or trained persons, depending on category of system.

Certified Operators include:

Mike Ryckman, Overall Responsible Operator, Supervisor, WDS III

Mark Alexander, WDS II

Keith Lee, WDS I

Steve Wong, OIT

Operator training requirements, under the new O. Reg. 128/04 state that the annual number of hours of training required under Section 29 in each year will be a total of 35 hours of which 12 hours or more are continuing education and the remaining hours as on-the-job practical training.

3.5 Prepare an annual report in order that the public has access to information on the status of drinking water.

Annual reports are prepared in accordance with O.Reg.170/03. Drinking water reports are available at both municipal offices and the municipal website; the public is informed via newspaper when it is available. The Annual Report on Drinking Water must be passed by Resolution of Council.

3.6 Prepare an Annual Summary Report, on municipal residential systems for municipal Councilors, members of a municipal service board, or the board of directors of municipal business corporations, as appropriate.

This report must include information regarding the requirements of the Act (Section 3.1 of this report), the regulations (Section 2), the System's approval (Section 3.4) and any order that the system failed to meet during the period of the report noting the duration of the failure and the measures taken to correct the failure. The report must also include flow rates of the water supplied during the period including monthly average, maximum daily flows, and the rated capacity for the purpose of assessing the capability of the system (Table 1), and daily instantaneous peak flow rates (Appendix III). The report must include information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and future planned uses of the system.

4 Upgrades to the Drinking-Water System to Correct Deficiencies.

No upgrades were needed to the Brighton Well Supply or Treatment Plant Facility to maintain compliance with the regulations and standards set forth by the Ministry of the Environment.

5 Small Municipal Non-Residential Systems

Community centers such as Codrington Community Centre and Hilton Hall are categorized as Small Municipal Non-Residential which is defined as a municipal drinking water system that does not serve a residential development, is not capable of supplying drinking water at a rate of more than 2.9 litres per second, and serves a designated facility or public facility.

On June 3rd, 2005, *Ontario Regulation 252/05* replaced 170/03 for Small Municipal Non-Residential systems, which includes rural community halls such as Codrington Community Centre and Hilton Hall. The new regulation reduces the financial burden on owners but maintains a high level of public health protection. Only microbiological sampling of *E. coli* and total coliforms is required. Installation of treatment equipment is no longer required and annual reporting is no longer required.

5.1 Codrington Community Centre Well Supply

Microbiological sampling is being done Bi-weekly at the Codrington Community Centre.

No adverse sample were recorded at this site in 2007.

5.2 Hilton Hall Well Supply

Hilton Hall has UV disinfection and filtration, microbiological sampling was performed on a Bi-weekly basis.

1. February 21st, 2007, a background count of 6 Total Coliforms was reported, the MOE limit is 0. MOH/Spills Action/MOE were all notified of the report, the UV system and filter were replaced, flushing and resampled ; the test came back clear.

6 Conclusion

In 2007, the Brighton Well Supply and Distribution System achieved full compliance with our Certificate of Approval and Ontario Regulation 170/03.

The Brighton Water Department is proud of its water quality and is committed to providing the safe and reliable water supply.

Appendix 1 - 2007 Monthly Summary

Chart 1
Brighton Water Supply Monthly Values 2007

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL (m ³)
FLOWS maximum demand day 6,445 m ³ /day as per Certificate of Approval													
TOTAL FLOWS (m ³)	58,718	56,628	63,579	65,329	89,653	105,967	99,390	107,735	96,781	79,923	70,758	74,357	968,818
DAILY AVG. FLOW (m ³)	1,894	2,022	2,051	2,178	2,892	3,532	3,206	3,475	3,131	2,578	2,359	2,402	2,843
MAXIMUM DAILY FLOW (m ³)	1,976	2,122	2,441	2,418	3,438	4,491	3,993	4,099	3,735	3,038	2,482	2,655	1,976
MINIMUM DAILY FLOW (m ³)	1,838	1,921	1,790	2,004	2,368	2,438	2,570	2,523	2,627	2,242	2,281	2,296	2,627
CHLORINE CONSUMPTION													
TOTAL USED (kg)	49.70	56.70	79.10	74.50	114.10	131.10	110.40	128.60	119.70	86.40	72.60	86.80	1,109.70
DAILY AVERAGE (kg)	1.60	2.03	2.13	2.40	3.68	4.23	3.56	4.15	3.90	2.79	2.42	2.83	2.98
AVERAGE Pre-DAILY DOSAGE (mg/L)	0.83	0.99	1.22	1.24	1.25	1.17	1.11	1.17	1.23	1.06	1.02	1.15	1.12
CHLORINE RESIDUALS (monthly average mg/L)													
FREE CHLORINE (POE)	0.82	0.89	0.94	1.05	1.09	1.07	0.98	1.05	1.06	1.00	0.95	1.05	0.99
FREE CHLORINE (Dist System)	0.76	0.85	0.89	0.98	1.06	1.04	0.94	1.06	1.03	0.95	0.88	0.91	0.95
NOTE: POE measured by on-line instrumentation / Distribution measured by operator's using HACH kit.													
TURBIDITY (NTU) Point of Entry													
MONTHLY AVERAGE	0.14	0.08	0.09	0.080	0.060	0.070	0.060	0.060	0.060	0.060	0.04	0.060	0.072
range	0.19-0.52	0.12-0.44	0.18-0.21	0.91-0.07	0.06-0.35	0.07-1.08	0.06-0.37	0.06-1.05	0.06-2.00	0.06-0.53	0.06-0.27	0.06-0.13	
pH Point of Entry													
MONTHLY AVERAGE	7.6	7.6	7.6	7.8	7.6	7.6	7.6	7.6	7.5	7.6	7.6	7.6	7.6
TEMPERATURE (°C) Point of Entry													
MONTHLY AVERAGE	9.34	9.36	9.39	9.47	9.64	9.84	9.79	10.80	10.64	9.78	9.63	9.51	9.77

Appendix 2

Drinking-System Regulations O.Reg. 170/03

Part III Form 2

Drinking-Water System Number:	220000807
Drinking-Water System Name:	Brighton Well Supply
Drinking-Water System Owner:	Corporation of the Municipality of Brighton
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1-December 31, 2007

<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; margin-top: 10px;"> <p>Municipal Offices: 35 Alice St., Brighton 67 Sharp Rd. Brighton</p> </div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <input 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 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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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:

Presqu'ile Provincial Park- Parks Ontario

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 [x] No []

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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

In 2007, water sources at the Brighton Well Supply consisted of three drilled wells. The only raw water source is groundwater which is captured from a deep aquifer by drilled wells located adjacent to the old Upper Reservoir site. There are three wells that draw water from the aquifer under the reservoir area: Well Nos. 1, 2 and 3 pumps work on rotation. A fail safe control system has been installed to ensure that an upward hydraulic gradient is maintained at all times in the raw water supply aquifer. This system includes water level sensors in each observation and production well, an alarm system equipped with pre-determined set-points for well depth, and a SCADA data-log system. The work was completed and commissioned in October, 2005.

Disinfection of water to eliminate disease-causing organisms is the most important step in the water treatment process. In October 2005 our upgraded system came on-line which changed our system from an open surface water reservoir system to an enclosed concrete storage reservoir. This enables us to have more contact time for chlorination, this is done by injecting Chlorine gas into the water as it enters into one of two cells (*which is called Pre-Chlorination*). The concrete water storage reservoir is approximately 39 m x 58 m, and consists of two cells. Each cell is equipped with baffles and provides $2800 \text{ m}^3 \times 2 = 5600 \text{ m}^3$ of water storage and equipped with overflow, drain system, piping and appurtenances, and a water main from the Water Treatment Plant (WTP) and reservoir to the existing distribution system (DS). A WTP building approximately 39 m x 10 m housing a primary and secondary disinfection system consisting of two (2) gas chlorinators, weigh scales, vacuum regulators, injectors and appurtenances to facilitate application of chlorine solution for pre-chlorination at a point where water enters either cell from the wells and also post-chlorination as water enters the DS. Instrumentation and controls including on-line chlorine residual analyzer and turbidity meters measure the chlorine residuals and turbidity in the reservoirs and the outlet to the DS. Emergency power is provided by a 15 KW standby power generator and a 80 KW trailer mounted standby generator including manually operated transfer switch. There is a drain/bypass line from the WTP and reservoirs to outfall through a bypass detention pond.

The Brighton Well Supply is Classified as Water Distribution and Supply Class III.

List all water treatment chemicals used over this reporting period

Chlorine Gas

Municipality of Brighton 2007 Annual Report on Drinking Water Quality

Were any significant expenses incurred to?

- Install required equipment**
 Repair required equipment
 Replace required equipment

1 Describe

New storage reservoir completed, in service as of October 14, 2005

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
March 7th, 2007	P/A (present/absent) Total Coliforms	1	cc	Resample and retest	March 8th

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	159	<1 - 200	<1->400	159	<10-20
Treated	53	absent	<1 -1	53	<10-20
Distribution	424	<1	<1	105	<10-40

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	0.06-2.00 ntu's
Chlorine	8760	0.38-2.05 mg/L
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.

Municipality of Brighton 2007 Annual Report on Drinking Water Quality

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.

No Sampling in 2007

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Arsenic	Dec 13/05	<0.001	mg/L	No
Barium	Dec 13/05	0.002	mg/L	No
Boron	Dec 13/05	0.075	mg/L	No
Cadmium	Dec 13/05	0.006	mg/L	No
Chromium	Dec 13/05	<0.0001	mg/L	No
Lead	Nov 15/07	0.00002	Mg/L	No
Mercury	Dec 13/05	<0.00006	mg/L	No
Selenium	Dec 13/05	<0.001	mg/L	No
Sodium	Nov 13/07	0.0006	mg/L	No
Uranium	Nov 13/07	0.1	mg/L	No
Fluoride	Nov 13/07	<0.1	mg/L	No
Nitrite	Nov 13/07	3.2	mg/L	No
Nitrate	Nov 13/07	<0.00006	mg/L	No

Summary of Organic parameters sampled during this reporting period or the most recent sample results Not Sampled in 2007

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	Dec 13/05	<0.3	µg/L	no
Aldicarb	Dec 13/05	<3	µg/L	no
Aldrin + Dieldrin	Dec 13/05	<0.02	µg/L	no
Atrazine + metabolites	Dec 13/05	<0.5	µg/L	no
Azinphos-methyl	Dec 13/05	<1	µg/L	no
Bendiocarb	Dec 13/05	<3	µg/L	no
Benzene	Dec 13/05	<0.5	µg/L	no
Benzo(a)pyrene	Dec 13/05	<0.005	µg/L	no
Bromoxynil	Dec 13/05	<0.3	µg/L	no
Carbaryl	Dec 13/05	<3	µg/L	no
Carbofuran	Dec 13/05	<1	µg/L	no
Carbon Tetrachloride	Dec 13/05	<0.2	µg/L	no
Chlordane (Total)	Dec 13/05	<0.04	µg/L	no
Chlorpyrifos	Dec 13/05	<0.5	µg/L	no
Cyanazine	Dec 13/05	<0.5	µg/L	no
Diazinon	Dec 13/05	<1	µg/L	no
Dicamba	Dec 13/05	<5	µg/L	no
1,2-Dichlorobenzene	Dec 13/05	<0.1	µg/L	no
1,4-Dichlorobenzene	Dec 13/05	<0.2	µg/L	no
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Dec 13/05	<0.1	µg/L	no

Municipality of Brighton 2007 Annual Report on Drinking Water Quality

1,2-Dichloroethane	Dec 13/05	<0.1	µg/L	no
1,1-Dichloroethylene (vinylidene chloride)	Dec 13/05	<0.1	µg/L	no
Dichloromethane	Dec 13/05	<0.3	µg/L	no
2-4 Dichlorophenol	Dec 13/05	<0.1	µg/L	no
2,4-Dichlorophenoxy acetic acid (2,4-D)	Dec 13/05	<5	µg/L	no
Diclofop-methyl	Dec 13/05	<0.5	µg/L	no
Dimethoate	Dec 13/05	<1	µg/L	no
Dinoseb	Dec 13/05	<0.52	µg/L	no
Diquat	Dec 13/05	<5	µg/L	no
Diuron	Dec 13/05	<5	µg/L	no
Glyphosate	Dec 13/05	<25	µg/L	no
Heptachlor + Heptachlor Epoxide	Dec 13/05	<0.1	µg/L	no
Linadane (Total)	Dec 13/05	<0.1	µg/L	no
Malathion	Dec 13/05	<5	µg/L	no
Methoxychlor	Dec 13/05	<0.1	µg/L	no
Metolachlor	Dec 13/05	<3	µg/L	no
Metribuzin	Dec 13/05	<3	µg/L	no
Monochlorobenzene	Dec 13/05	<0.2	µg/L	no
Paraquat	Dec 13/05	<1	µg/L	no
Parathion	Dec 13/05	<3	µg/L	no
Pentachlorophenol	Dec 13/05	<0.1	µg/L	no
Phorate	Dec 13/05	<0.3	µg/L	no
Picloram	Dec 13/05	<5	µg/L	no
Polychlorinated Biphenyls(PCB)	Dec 13/05	<0.05	µg/L	no
Promethyne	Dec 13/05	<0.1	µg/L	no
Simazine	Dec 13/05	<0.5	µg/L	no
THM (NOTE: show latest quarterly average-10.8) Avg. 11.2	Nov 16/07	<0.3	µg/L	no
Sodium	Nov 20/07	4.9	mg/L	no
Nitrate+Nitrite	Nov 15/07	3.2	mg/L	no
Bromochloromethane	Nov 16/07	<0.1	µg/L	no
Temphos	Dec 13/05	<10	µg/L	no
Terbufos	Dec 13/05	<0.4	µg/L	no
Tetrachloroethylene	Dec 13/05	<0.2	µg/L	no
2,3,4,6-Tetrachlorophenol	Dec 13/05	<0.1	µg/L	no
Triallate	Dec 13/05	<10	µg/L	no
Trichloroethylene	Dec 13/05	<0.1	µg/L	no
2,4,6-Trichlorophenol	Dec 13/05	<0.1	µg/L	no
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Dec 13/05	<10	µg/L	no
Trifluralin	Dec 13/05	<0.5	µg/L	no
Vinyl Chloride	Dec 13/05	<0.2	µg/L	no
Toluene-d8 (SS)	Nov 16/07	105	%	no
Chloroform	Nov 16/07	<0.3	µg/L	no
Temphos	Dec 13/05	<10	µg/L	no
Dibromochloromethane-d4,1,2-(SS)	Nov 16/07	<0.1	µg/L	no
Bromoform	Nov 16/07	<0.1	µg/L	no
Bromofluorobenzene,4(SS)	Dec 13/05	101	%	no

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

Municipality of Brighton 2007 Annual Report on Drinking Water Quality

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Appendix 3

Drinking-System Regulations O.Reg. 170/03

Part III Form 2

Section 11. ANNUAL REPORT.

Drinking-Water System Number:	260033813
Drinking-Water System Name:	Codrington Community Centre Well Supply
Drinking-Water System Owner:	The Corporation of the Municipality of Brighton
Drinking-Water System Category:	Small Municipal Non Residential
Period being reported:	January 1-December 31, 2007

<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 Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; height: 80px; width: 100%;"></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; text-align: center; padding: 2px;">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:</p> <div style="border: 1px solid black; width: 100px; text-align: center; padding: 2px;">0</div> <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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List Drinking-Water Systems, which receive all of their drinking water from your system:

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 []

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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

One Well supplies water to community centre, no treatment

List all water treatment chemicals used over this reporting period

None

Were any significant expenses incurred to?

- Install required equipment**
- Repair required equipment**
- Replace required equipment**

2 Describe

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

Microbiological testing done under section 8 (2) 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 (#-#)

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			(#-#)		
Raw	25	<1	<1		
Treated					
Distribution					

Operational testing done under Schedule 7, 8 or 9 during the period covered by this Annual Report.

	Number of Grab Samples	Range of Results (#-#)
Turbidity		
Chlorine		
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 or order.

Date of order or C of A	Parameter	Date Sampled	Result	Unit of Measure

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

3 Parameter	4 Sample Date	Result Value	5 Unit of Measure	6 Exceedance
5.1 Antimony				
Arsenic				
Barium				
Boron				
Cadmium				
5.1 Chromium				
5.1 Lead				
Mercury				
Selenium				
Uranium				
Fluoride				
Nitrite				

Municipality of Brighton 2007 Annual Report on Drinking Water Quality

Nitrate				
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Summary of Organic parameters sampled during this reporting period or most recent

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				
Linadane (Total)				

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Malathion				
Methoxychlor				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Parathion				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
THM (NOTE: show latest quarterly average)				
Temephos				
Terbufos				
Tetrachloroethylene				
2,3,4,6-Tetrachlorophenol				
Triallate				
Trichloroethylene				
2,4,6-Trichlorophenol				
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)				
Trifluralin				
Vinyl Chloride				

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 category is large municipal residential, small municipal residential, large municipal non residential, small municipal non residential, large non municipal non residential)

Appendix 4

Drinking-System Regulations O.Reg. 170/03

Part III Form 2

Section 11. ANNUAL REPORT.

Drinking-Water System Number:	260033800
Drinking-Water System Name:	Hilton Hall
Drinking-Water System Owner:	Municipality of Brighton
Drinking-Water System Category:	Small Municipal none Residential
Period being reported:	Janaury1/05- December 31/07

<p><i>Complete if your Category is Large Municipal Residential or Small Municipal Residential</i></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: 80px; width: 100%;"></div>	<p><i>Complete for all other Categories.</i></p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; width: 100px; text-align: center; padding: 2px;">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:</p> <div style="border: 1px solid black; width: 100px; text-align: center; padding: 2px;">0</div> <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

Municipality of Brighton 2007 Annual Report on Drinking Water Quality

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

One well supplies water to Hall, inline filter and UV for disinfection.

List all water treatment chemicals used over this reporting period

None

Were any significant expenses incurred to?

- Install required equipment**
- Repair required equipment**
- Replace required equipment**

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

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
February 21/07	Background	6	Cts/100mL	Replace UV System and replaced filter Chlorinated, flushed and resample	February 22/07

Municipality of Brighton 2007 Annual Report on Drinking Water Quality

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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 #)
Treated	24	<1	<1-6 cts/100ml		

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		
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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony				
Arsenic				
Barium				
Boron				
Cadmium				

Municipality of Brighton 2007 Annual Report on Drinking Water Quality

Chromium				
Lead				
Mercury				
Selenium				
Sodium				
Uranium				
Fluoride				
Nitrite	Dec13/05	<0.1	mg/l	no
Nitrate	Dec 13/05	0.8	mg/l	no

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

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				

Municipality of Brighton 2007 Annual Report on Drinking Water Quality

Dinoseb				
Diquat				
Diuron				
Glyphosate				
Heptachlor + Heptachlor Epoxide				
Lindane (Total)				
Malathion				
Methoxychlor				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Parathion				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
THM (NOTE: show latest annual average)				
Temephos				
Terbufos				
Tetrachloroethylene				
2,3,4,6-Tetrachlorophenol				
Triallate				
Trichloroethylene				
2,4,6-Trichlorophenol				
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)				
Trifluralin				
Vinyl Chloride				

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)

