CITY OF LONDON
2011 DRINKING WATER COMPLIANCE & ANNUAL REPORT

System Name: City of London Distribution System

Mailing Address: Corporation of the City of London
P.O. Box 5035, 300 Dufferin Ave.
London, ON N6A 4L9

Exterior of the Arva Pumping Station

System Rating: Water Distribution Subsystem Class IV
Water Treatment Subsystem Class II

Average Day Demand: 132.9 MLD
Peak Day Demand: 201.6 MLD (July 21, 2011)
Population Served: 362,000 (est.)
Source Water: Surface Water (Lake Huron, Lake Erie)
Drinking Water System Number: 260004917
Municipal Drinking Water Licence: 006-101

CONTACT INFO:
Owner:
Corporation of the City of London
300 Dufferin Avenue, London, Ontario N6A 4L9
Contact: Mr. John Simon, P.Eng. Division Manager Water Operations
519-661-2500 ext. 4938

London
CANADA

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Reporting Requirements

On February 24, 2012, a copy of the 2011 Annual Compliance Report for the City of London's water works was submitted to the local office of the MOE as a courtesy for information purposes.

The London-Elgin-Middlesex Booster Station (owned in part by the City of St. Thomas, the Town of Aylmer, and the City of London) was operated by American Water Canada Corporation (formerly American Water Services) from January 1, 2011 to December 31, 2011. The Joint Board of Management for the Elgin Area Primary Water Supply System (EAPWSS) submitted the Annual Compliance Report for this pumping station under separate cover.

Schedule 22-2 of O. Reg. 170/03 requires that the City of London prepare a summary report of its water works systems for the preceding calendar year and submit it to the members of the Municipal Council by March 31 of each year. The Annual Compliance report, submitted to members of Council on February 24, 2012 along with this report, presented to Municipal Council's Civic Works Committee on March 5, 2012 serves to fulfill that requirement.

Ministry of Environment Annual Inspection

The Ministry of Environment commenced an unannounced annual inspection of the City of London's water system on January 18, 2012. Operational and water quality records from December 1, 2010 through to December 31, 2011 were requested and made available to the MOE inspector. The inspection includes a review of operational procedures, records of water sample analyses, and a review of the status of the certification and training for all of the City's water operations staff.

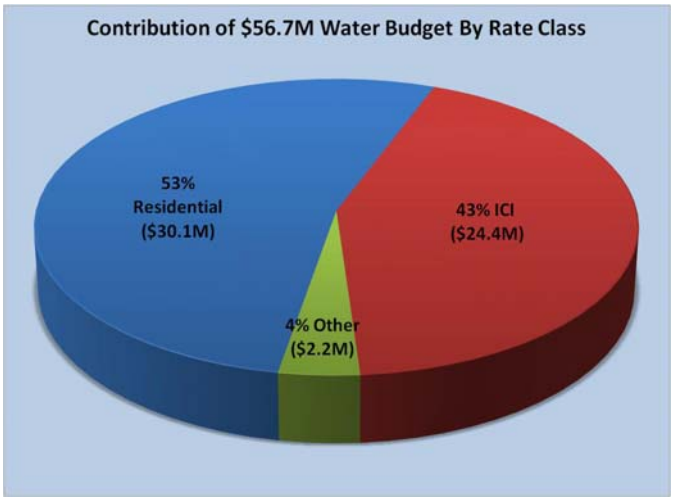
Inspection Results:
As of the writing of this report the inspection results have not yet been received.

Water Operations Staff Complement and Training

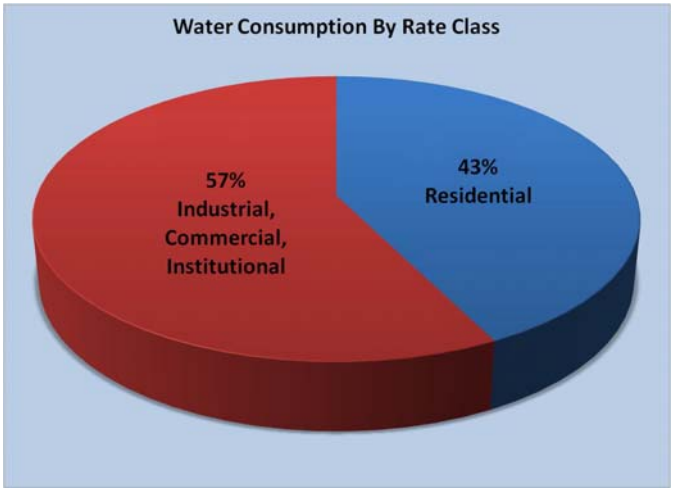
In 2011, the distribution system was operated and maintained by four (4) Water Supply staff, thirty-one (31) Operations and Maintenance staff, three (3) Water Works Inspectors, nine (9) Meter Shop staff, five (5) Supervisors, two (2) Technologists, two (2) Administrative staff, and four (4) Management staff. This complement does not include senior administrative staff that work in the Water Service Area. The majority of the City of London's operational and maintenance staff are based at the A.J. Tyler Operations Centre, located at 663 Bathurst Street. Water Supply staff are based out of the London Hydro building at 111 Horton Street, and out of the Arva Pumping Station, 13966 Medway Road.

All employees with Drinking Water Operator Certificates receive a minimum of 14 hours of Director-approved training and an additional 36 hours of practical, on-the-job training each year, as mandated by Regulation.

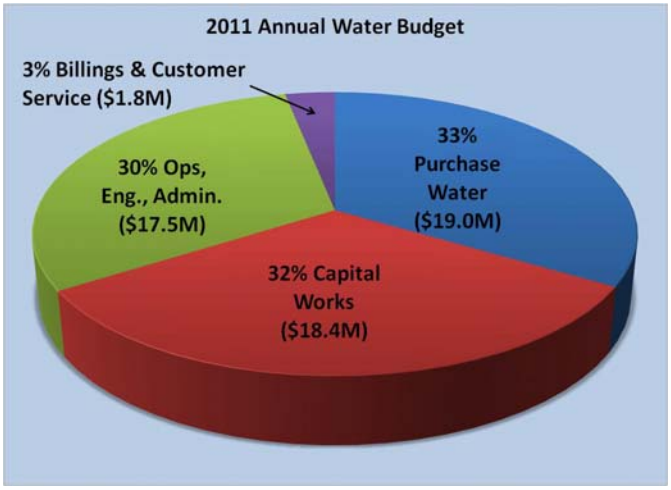
Water Budget



The 2011 Water Operating Budget had a 0% increase over that of 2010. In conjunction with lower forecasted water demands, the overall budget decreased approximately $1 million to $56.7 million, which includes long term infrastructure renewal and replacement plans. The Water Operating Budget helps maintain *London's Advantage* of a safe, clean and secure water supply for current and future generations of Londoners. London's aging water system infrastructure requires continuous renewal. In an effort to minimize financial impacts, recent investments have been directed towards new approaches and trenchless technologies, to ensure continued reliability of the water supply at an economical cost.

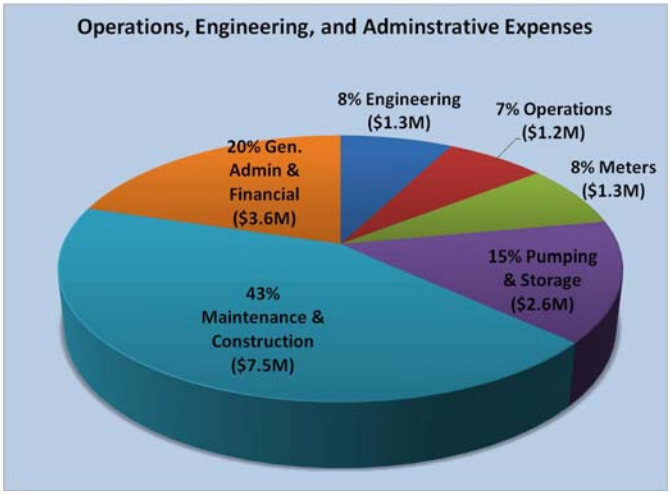


The 2011 average residential water consumption reduced to 185 cubic metres, translating to a cost for water of approximately $23.19 per month, or about 76 cents per day. This is a decrease of nearly $2.75 per month over 2010. At this low cost, Londoners had access to a reliable, high quality supply of water to satisfy all their water needs (drinking, food preparation, sanitation, showers, laundry, dishwashing, etc.). Public health, fire protection, economic development and convenience further enhance *London's* Advantage through the provision of this essential service.



Average household water usage in London has declined more than 24% since 2001. There are a number of factors responsible for this trend; and although this results in a negative impact on water revenues, the overall impact of water conservation is a positive trend towards *Conserving the Future*, and should be encouraged.

Some capital work projects needed to be delayed to future years in order to meet the 0% water rate increase for 2011. Working within these limitations, the operational and capital work utilized



a balanced approach, as best as possible, toward the installation of new infrastructure in conjunction with the Growth Management Implementation Strategy, and the investment and renewal required to sustain the existing infrastructure. Reliable infrastructure and water system performance are not only key elements for economic development but also for quality-of-life and safety in the community. It is essential that proper funding of the water system is achieved and sustained in order to ensure that future generations are provided the same opportunity to a safe, clean and secure water supply.

Regulations, increasing standards and legislative obligations continued to require major investments in terms of staff time and financial resources. Staying abreast of regulatory developments and providing early input remains a key strategy in helping shape broader direction and control long term costs.

London's Water Service Area has maintained a relatively good financial position and continues to place London in the position of *Setting the Standard* as a utility with a secure and stable supply of high quality water. In the next few years, the water reserve funds are projected to be drawn down to a lower than normally acceptable level, and some debt is projected.

Ongoing Initiatives

Lead Mitigation Strategy – For some time, London has had a program that allows homeowners to have lead concentrations in their tap water sampled and analyzed for no charge. In 2007, subsequent to media attention regarding London's lead testing program, the MOE made regulatory changes to Ontario Regulation 170/03 as it relates to lead in drinking water. Since that time, over 10,000 homes and businesses had their water sampled for lead. Initially, it was estimated that of the 106,000 water services within London, 9,000 were fully, or partially, composed of lead. As of the end of 2011 the City has removed more than 3,000 lead services, putting the estimated number of lead services remaining at less than 6,000.

The City of London developed a three-pronged strategy for lead mitigation:

1. *Education and Awareness*: The City of London continues to provide information to Londoners regarding lead service pipes and the risks associated with lead. Enviroworks flyers (inserted with London Hydro/City of London Water bills) have been dedicated to lead awareness, a detailed brochure was prepared and delivered in conjunction with the Middlesex-London Health Unit, multiple press releases dating back to 2006, and an informative website are all employed to communicate with Londoners regarding this important topic.

2. *Water Chemistry Changes*: London has investigated and initiated water chemistry changes that will minimize the uptake of lead. Increasing the pH of the water has reduced "at the tap" lead concentrations by nearly 50% from 2007 levels. It is anticipated that this program will continue to reduce lead levels in drinking water over the long term while providing other benefits to system operations.

3. *Replacement of Lead Service Pipes:* London's overall goal is the replacement of all lead services. This is an 18-year program which anticipates replacement of approximately 500 lead services per year. The majority of these service replacements will occur through the Capital Watermain Replacement Program. The remainder will occur through the Watermain Relining Programs and one-off replacements through the City's Lead Service Extension Replacement Program.

Water Meter Replacement Program – The public water system in the City of London has been fully metered since the 1920's when there were approximately 20,000 customers. There are currently over 110,000 customers with water meters installed in their homes and/or businesses. Meters are mechanical devices, and will wear-out as they register consumption. The more consumption they measure, the less accurate they become over time. During the summer of 2008, randomly selected water meters, with varying amounts of measured consumption, were subjected to accuracy testing at low, medium and high flow consumption rates as per *AWWA Standard C700* and *AWWA Manual M6, Water Meters*. The results of the meter accuracy testing indicated that the life expectancy of a residential water meter was between 9 and 13 years (or 2,400 m^3 of consumption). This evaluation identified 51,000 water meters that were past due for replacement. It is estimated that older meters are costing the Water and Sewer Service Areas $630,000 per annum in unrealized revenue.

The Water Meter Replacement Program (WMRP) was initiated in 2009 after Council approval in December 2008. Typically, 5,000 water meters were replaced or installed in any given year. With the new strategy in place, the Water Service Area has been exceeding its target of 10,000 replaced and installed. For the last three years (2009 – 2011), meter installations and replacements totalled 11,574, 11,070, and 11,057 respectively.

Through the deployment of new water metering technology and transitioning to a more automated system, the Water Service Area is reducing the meter reading costs. At the same time, customer's needs and requests are better met by:

- Allowing the City flexibility to select the best and most cost effective solution;
- Improving customer satisfaction through access to water usage data to handle billing disputes and customer inquiries;

- Improving the quality of our billing data with accurate and timely meter readings;
- Performing meter "right sizing" to ensure that the meter isn't over or under-sized, thus reducing metering inaccuracies and lost revenue;
- Reducing theft and revenue loss due to meter tampering;
- Effectively managing water conservation programs; and
- Decreasing water losses with proactive leak detection.

Water Efficiency: Large Diameter Concrete Pressure Pipe Watermain Inspection Program - Concrete Pressure Pipe (CPP) is a composite pipe manufactured using a thin steel cylinder with an inner liner of concrete a few centimetres thick. After the initial curing of the inner liner a high strength pre-stressed wire is spirally wound around the outer steel cylinder. A mortar liner is then placed on the outside of the steel cylinder which encases the pre-stressed wire and the steel cylinder providing a protective outer layer of cement mortar. The integrity of the composite pipe construction is highly dependent on the pre-stressed wire keeping the concrete core in compression.

Over time the protective mortar can breakdown and expose the steel cylinder and the pre-stressed wires to corrosion. As the pre-stressed wires corrode, some may break. If enough wires break, the pipe section may fail. Due to the age of theses pipes, it is possible that there are some broken wires.

Significant failures of the Lake Huron Pipeline occurred In August 1983, June 1988, and March 2010, which threatened to leave the City without water. Fortunately the failures occurred outside of densely populated areas and were repaired by City crews in a timely fashion. There have never been any major failures of large concrete or concrete pressure pipes within the City of London; however, the age and construction practices for these watermains are similar to the Lake Huron Pipeline.

Within London, there are 160km of large diameter concrete transmission mains moving millions of litres of water a day around the City. Some of these mains were constructed in the 1950's and 1960's and detailed inspection records outlining installation techniques and pipe integrity do not exist. In the summer and fall of 2007, three different inspections were undertaken on our Yr.-1965 CPP that links the 19km of watermain from Arva Reservoir to the Springbank Reservoir:

1. Leak Detection - provided a current condition of the pipe by determining if there are any leaks in the system.
2. Electromagnetic Inspection - provided a scientific analysis of the internal condition of the pre-stressed wires.
3. Visual Internal Inspection - determined if there is any breakdown in the internal concrete layer.

In addition, a fibre optic cable was floated inside 7.5km of the 19km, providing the capability to continuously monitor the pre-stressed steel wires wrapped around the pipe and embedded in concrete that provides its strength. By the end of 2012, the entire 19km length of large diameter watermain will have fibre optic cable within it. The fibre optic cable registers an acoustical signature when a wire breaks and a notification is sent to City staff to warn them of a potential watermain break so that Operations crews can possibly mitigate a catastrophic failure. The fibre optic line will provide the City with

real time acoustic data of any wire breaks that occur. Information received from the fibre will give the City the ability to react immediately to prevent a possible break.

Water Efficiency: Leak Detection/District Metered Areas (DMA's) - The November 24, 2008 Environment and Transportation Committee report titled: *Establishment of an Efficient Water Use Program Including a Municipal Drinking Water Awareness Plan* identified the need for a water efficiency plan as part of the Permit to Take Water process. The report established a dedicated water efficiency strategy and program at a cost of $350,000 per year over 10 years paid for by revenues received through water rates. At the end of the program it is estimated that there will be an approximate reduction of 3.5 million litres per day in water consumption.

The Water Opportunities and Conservation Act will require Ontario municipalities to establish individual local water reduction goals and develop water sustainability plans to meet Provincial reduction targets. The sustainability plan currently includes five elements requiring the municipality to submit an asset management plan, a financial plan, a water conservation plan, an assessment of risks that may interfere with municipal service delivery including those associated with climate change, and strategies for maintaining and improving municipal service. The City of London has already developed many of the components of the water sustainability plan but needs a water conservation plan or water efficiency strategy.

An effective water efficiency strategy creates a unique dilemma as the conservation component effectively reduces the amount of water sold, and consequently the revenue from reduced volume of product sold. London is similar to most Canadian cities in that it has seen a significant reduction in the average water use by its residents over the past 10 years. The average household in London uses 24% less water than they did in 2001.

The development of an active leak detection program using District Meter Areas (DMAs) will form part of the City of London's ongoing water loss management program. The AWWA M36 Manual "Water Audits and Loss Control Programs" recommends using DMA's for active leak detection, which is considered to be a North American Best Management Practice (BMP).

For London, measuring the difference between the amount of water pumped into the system and that of which is consumed and recorded through London's 110,000+ water meters is the first step in reducing leaks. The average municipality in Ontario reports a non revenue water of approximately 12.3%, whereas London's water system is one of the most efficient in the Province boasting a non-revenue water loss of approximately 7.5% since 2004. Some of this water is used for flushing watermains, construction sites, or fire fighting. The remaining portion of that percentage can be attributed to leakage.

By isolating sections of the City at night and attaching flow and pressure data loggers to the watermains, staff can determine whether water loss is occurring through leakage. A priority project will be to establish DMA's in several portions of the City, including Oakridge, Summerside, Uplands, and Pondmills areas. The development of these DMA's will enable staff to proactively monitor to assist in finding and repairing leaks prior to watermain failures, reduce water loss, lower repair costs, and minimize social and business disruption.

Sampling & Water Quality Monitoring

The City of London provides sampling analysis and monitoring beyond the Ministry of Environment (MOE) regulated requirements, as specified in Ontario Regulation 170/03. Through routine grab samples there were 9,642 samples taken from the distribution system, 1,475 samples taken from the emergency wells, as well as over 4,000 chlorine residual tests taken by London staff. London also has 10 locations throughout the city in which continuous online sampling of chlorine residual is monitored. All of these efforts help ensure that the water within the distribution system is always of high quality. In all, the drinking water in London is sampled for 137 different organic, inorganic, microbiological, and chemical parameters. All samples are collected by certified city personnel and submitted to an accredited laboratory for analysis in accordance with the Safe Drinking Water Act, 2002. Below is the historical range (since 2000) of sample results for London's drinking water.

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL) 2011	Units	Measured Concentrations 2011	MAC Exceedence in 2011 (Y/N)	Historical Measured Concentration Range[2]
REGULATED INORGANICS						
Antimony	6	0.02	µg/L	**0.130 - 0.150**	No	0.020 - 1.200
Arsenic	25	0.2	µg/L	**0.600 - 0.800**	No	0.001 - 2.000
Barium	1000	0.05	µg/L	**13.400 - 21.900**	No	0.015 - 25.000
Boron	5000	1	µg/L	**21.000 - 21.000**	No	0.020 - 40.000
Cadmium	5	0.003	µg/L	**0.004 - 0.015**	No	0.002 - 0.100
Chromium	50	0.5	µg/L	**0.500 <MDL**	No	0.004 - 3.000
Fluoride	1.5	0.06	mg/L	**0.510 - 0.850**	No	0.030 - 1.390
Free Chlorine Residual	--	--	mg/L	**0.470 - 1.050**	No	0.000 - 1.860
Lead	10	0.02	µg/L	**0.020 <MDL**	No	0.002 - 1.070
Mercury	1	0.02	µg/L	**0.020 <MDL**	No	0.000 - 0.100
Selenium	10	1	µg/L	**1.000 - 3.000**	No	0.005 - 3.000
Sodium[3]	20*	0.01	mg/L	**8.570 - 11.600**	No	3.900 - 12.000
Uranium	20	0.001	µg/L	**0.023 - 0.058**	No	0.001 - 0.110

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL)	Units	Measured Concentrations	MAC Exceedence in 2011 (Y/N)	Historical Measured Concentration Range[2]
		2011		2011		
REGULATED ORGANICS						
Alachlor	5	0.020	µg/L	**0.020 <MDL**	No	0.002 - 0.200
Aldicarb	9	0.010	µg/L	**0.010 <MDL**	No	0.005 - 5.000
Aldrin + Dieldrin	0.7	0.010	µg/L	**0.010 <MDL**	No	0.000 - 0.067
(Aldrin)	--	0.010	µg/L	**0.010 <MDL**	No	0.010 - 0.060
(Dieldrin)	--	0.010	µg/L	**0.010 <MDL**	No	0.001 - 0.067
Atrazine	--	0.020	µg/L	**0.030 - 0.060**	No	0.020 - 0.130
Atrazine + N-dealkylated metabolites	5	0.040	µg/L	**0.040 - 0.090**	No	0.003 - 0.500
Azinphos-methyl	20	0.020	µg/L	**0.020 <MDL**	No	0.010 - 1.000
Bendiocarb	40	0.010	µg/L	**0.010 <MDL**	No	0.010 - 1.000
Benzene	5	0.32	µg/L	**0.320 <MDL**	No	0.005 - 0.400
Benzo(a)pyrene	0.01	0.004	µg/L	**0.004 <MDL**	No	0.000 - 0.009
Bromoxynil	5	0.33	µg/L	**0.330 <MDL**	No	0.003 - 0.330
Carbaryl	90	0.010	µg/L	**0.010 <MDL**	No	0.010 - 1.000
Carbofuran	90	0.010	µg/L	**0.010 <MDL**	No	0.005 - 5.000
Carbon tetrachloride	5	0.16	µg/L	**0.004 - 0.160**	No	0.005 - 0.410
Chlordane (Total)	7	0.010	µg/L	**0.010 <MDL**	No	0.000 - 0.200
(a-chlordane)	--	0.010	µg/L	**0.010 <MDL**	No	0.007 - 0.200
(g-chlordane)	--	0.010	µg/L	**0.010 <MDL**	No	0.007 - 0.200
(oxychlordane)	--	0.010	µg/L	**0.010 <MDL**	No	0.010 - 0.360
Chlorpyrifos	90	0.020	µg/L	**0.020 <MDL**	No	0.008 - 5.000
Cyanazine	10	0.030	µg/L	**0.030 <MDL**	No	0.008 - 0.500
Diazinon	20	0.020	µg/L	**0.020 <MDL**	No	0.002 - 2.000
Dicamba	120	0.20	µg/L	**0.200 <MDL**	No	0.050 - 10.000
1,2-Dichlorobenzene	200	0.41	µg/L	**0.410 <MDL**	No	0.003 - 1.000
1,4-Dichlorobenzene	5	0.36	µg/L	**0.360 <MDL**	No	0.001 - 0.400
DDT + Metabolites	30	0.010	µg/L	**0.010 <MDL**	No	0.005 - 0.500
(op-DDT)	--	0.010	µg/L	**0.010 <MDL**	No	0.010 - 0.500
(pp-DDD)	--	0.010	µg/L	**0.010 <MDL**	No	0.010 - 0.500
(pp-DDE)	--	0.010	µg/L	**0.010 <MDL**	No	0.010 - 0.500
(pp-DDT)	--	0.010	µg/L	**0.010 <MDL**	No	0.010 - 0.500
1,2-Dichloroethane	5	0.35	µg/L	**0.350 <MDL**	No	0.005 - 0.430
1,1-Dichloroethylene	14	0.33	µg/L	**0.330 <MDL**	No	0.005 - 0.520
Dichloromethane	50	0.35	µg/L	**0.350 <MDL**	No	0.005 - 3.000
2,4-dichlorophenol	900	0.15	µg/L	**0.150 <MDL**	No	0.000 - 0.150
2,4-D	100	0.19	µg/L	**0.190 <MDL**	No	0.044 - 5.000
Diclofop-methyl	9	0.40	µg/L	**0.400 <MDL**	No	0.005 - 0.840
Dimethoate	20	0.030	µg/L	**0.030 <MDL**	No	0.005 - 1.000
Dinoseb	10	0.36	µg/L	**0.360 <MDL**	No	0.005 - 0.500
Diquat	70	1	µg/L	**1.000 <MDL**	No	1.000 - 70.000
Diuron	150	0.030	µg/L	**0.030 <MDL**	No	0.030 - 0.660
Glyphosate	280	6	µg/L	**6.000 <MDL**	No	0.010 - 10.000
Heptachlor + Heptachlor Epoxide	3	0.010	µg/L	**0.010 <MDL**	No	0.001 - 0.300
(heptachlor)	--	0.010	µg/L	**0.010 <MDL**	No	0.010 - 0.300
(heptachlor epoxide)	--	0.010	µg/L	**0.010 <MDL**	No	0.010 - 0.300
Lindane (Total)	4	0.010	µg/L	**0.010 <MDL**	No	0.002 - 0.200
Malathion	190	0.020	µg/L	**0.020 <MDL**	No	0.020 - 5.000
Methoxychlor	900	0.010	µg/L	**0.010 <MDL**	No	0.010 - 5.000
Metolachlor	50	0.020	µg/L	**0.020 <MDL**	No	0.008 - 5.000
Metribuzin	80	0.020	µg/L	**0.020 <MDL**	No	0.020 - 5.000
Monochlorobenzene	80	0.30	µg/L	**0.300 <MDL**	No	0.005 - 5.000
Paraquat	10	1	µg/L	**1.000 <MDL**	No	0.010 - 9.000
Parathion	50	0.020	µg/L	**0.020 <MDL**	No	0.020 - 1.200
Pentachlorophenol	60	0.15	µg/L	**0.150 <MDL**	No	0.001 - 1.000

Parameter	ODWS[1] Maximum Acceptable Concentration	Lab's Method Detection Limit (MDL) 2011	Units	Measured Concentrations 2011	MAC Exceedence in 2011 (Y/N)	Historical Measured Concentration Range[2]
REGULATED ORGANICS CONTINUED						
Phorate	2	0.010	µg/L	**0.010 <MDL**	No	0.001 - 0.730
Picloram	190	0.25	µg/L	**0.250 <MDL**	No	0.043 - 5.000
Polychlorinated Biphenyls (PCBs)	3	0.04	µg/L	**0.040 <MDL**	No	0.001 - 0.100
Prometryne	1	0.030	µg/L	**0.030 <MDL**	No	0.001 - 0.230
Simazine	10	0.010	µg/L	**0.010 <MDL**	No	0.005 - 0.500
Temephos	280	0.010	µg/L	**0.010 <MDL**	No	0.010 - 15.000
Terbufos	1	0.010	µg/L	**0.010 <MDL**	No	0.001 - 0.730
Tetrachloroethylene	30	0.35	µg/L	**0.350 <MDL**	No	0.005 - 1.000
2,3,4,6-tetrachlorophenol	100	0.14	µg/L	**0.140 <MDL**	No	0.001 - 0.500
Triallate	230	0.10	µg/L	**0.010 <MDL**	No	0.010 - 5.000
Trichloroethylene	50	0.43	µg/L	**0.430 <MDL**	No	0.005 - 1.000
2,4,6-trichlorophenol	5	0.25	µg/L	**0.250 - 0.320**	No	0.001 - 0.890
2,4,5-T	280	0.22	µg/L	**0.220 <MDL**	No	0.005 - 5.000
Trifluralin	45	0.020	µg/L	**0.020 <MDL**	No	0.020 - 1.000
Vinyl Chloride	2	0.17	µg/L	**0.170 <MDL**	No	0.002 - 0.170

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL) 2011	Units	Measured Concentrations 2011	MAC Exceedence in 2011 (Y/N)	Historical Measured Concentration Range[2]
NITRATES						
Nitrate (as nitrogen)	10	0.013	mg/L	**0.078 - 0.710**	No	0.078 - 1.700
Nitrate + Nitrite (as nitrogen)	10	0.013	mg/L	**0.078 - 0.710**	No	0.040 - 1.700
Nitrite (as nitrogen)	1	0.005	mg/L	**0.005 <MDL**	No	0.005 - 0.060

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL) 2011	Units	Measured Concentrations 2011	MAC Exceedence in 2011 (Y/N)	Historical Measured Concentration Range[2]
TRIHALOMETHANES						
Trihalomethanes (total)	100	0.37	µg/L	**14.000 - 57.000**	No	0.010 - 57.000
Bromoform	--	0.34	µg/L	**0.340 - 0.470**	No	0.002 - 2.000
Chloroform	--	0.29	µg/L	**6.600 - 39.000**	No	0.002 - 39.000
Dibromochloromethane	--	0.37	µg/L	**2.200 - 5.400**	No	0.002 - 5.400
Bromodichloromethane	--	0.26	µg/L	**4.400 - 12.000**	No	0.002 - 12.000

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL) 2011	Units	Measured Concentrations 2011	MAC Exceedence in 2011 (Y/N)	Historical Measured Concentration Range[2]
MICROBIOLOGICAL						
E. Coli	0	0	CFU/100mL	**0 - 0**	No	0 - 0
Total Coliform	0	0	CFU/100mL	**0 - 26**	Yes	0 - 40
Heterotrophic Plate Count	--	10	cfu/1mL	**10 - 2000**	No	10 - 2000

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL) 2011	Units	Measured Concentrations 2011	MAC Exceedence in 2011 (Y/N)	Historical Measured Concentration Range[2]
NON-REGULATED INORGANICS/ORGANICS[4]						
Alkalinity	--	2	mg/L as CaCO3	**72.000 - 72.000**	No	61.000 - 90.000
Aluminum	--	0.2	µg/L	**18.600 - 30.800**	No	0.030 - 436.0
Ammonia+Ammonium (N)	--	0.04	mg/L	**0.040 - 0.050**	No	0.040 - 0.400
Calcium	--	0.03	mg/L	**25.800 - 32.800**	No	25.800 - 38.000
Chloride	--	0.03	mg/L	**8.300 - 17.000**	No	7.200 - 36.100
Cobalt	--	0.002	µg/L	**0.085 - 0.119**	No	0.004 - 0.300
Colour	--	3	TCU	**3.000 <MDL**	No	3.000 - 13.000
Conductivity	--	1	uS/cm	**249.0 - 290.0**	No	205.0 - 313.0
Copper	--	0.5	µg/L	**1.700 - 3.300**	No	1.300 - 64.000
Cyanide	0.2	0.002	mg/L	**0.002 <MDL**	No	0.002 - 0.010
De-ethylated atrazine	--	0.010	µg/L	**0.010 - 0.030**	No	0.010 - 0.140
Dissolved Organic Carbon	--	0.2	mg/L	**0.900 - 1.900**	No	0.400 - 2.200
Ethylbenzene	--	0.33	µg/L	**0.330 <MDL**	No	0.002 - 1.000
Field pH	--	--	units	**6.670 - 8.330**	No	6.660 - 8.600
Gross Alpha	--	0.100	Bq/l	**0.100 <MDL**	No	0.100 - 0.100
Gross Beta	--	0.100	Bq/l	**0.100 <MDL**	No	0.100 - 0.100
Hardness	--	0.1	mg/L as CaCO3	**95 - 116.0**	No	95.000 - 133.0
Iron	--	2.000	µg/L	**2.000 <MDL**	No	2.000 - 90.000
Langelier's Index	--	0.000	@ 20 C	**-0.690 - -0.340**	No	-1.070 - -0.130
m/ p-xylene	--	0.39	µg/L	**0.390 <MDL**	No	0.390 - 5.000
Magnesium	--	0.003	mg/L	**7.520 - 8.390**	No	7.150 - 9.400
Manganese	--	0.01	µg/L	**0.230 - 0.300**	No	0.001 - 168.0
Nickel	--	0.1	µg/L	**0.500 - 0.800**	No	0.3 - 1.4
Nitrogen-Kjeldahl (N)	--	0.05	mg/L	**0.050 <MDL**	No	0.050 - 0.500
Organic Nitrogen	--	0.05	mg/L	**0.050 <MDL**	No	0.040 - 0.340
o-xylene	--	0.17	µg/L	**0.170 <MDL**	No	0.170 - 5.000
pH	--	0.05	no unit	**7.550 - 7.990**	No	7.050 - 8.110
Potassium	--	0.01	mg/L	**1.060 - 1.480**	No	0.940 - 1.910
Silica	--	0.01	mg/L	**1.290 - 1.510**	No	0.590 - 2.1
Silver	--	0.01	µg/L	**0.010 <MDL**	No	0.003 - 0.100
Solids (Total Dissolved)	--	30	mg/L	**123.0 - 200.0**	No	1.460 - 208.0
Sulphate	--	0.06	mg/L	**31.000 - 38.000**	No	27.000 - 55.000
Sulphide	--	0.004	mg/L	**0.004 <MDL**	No	0.004 - 4.000
Toluene	--	0.36	µg/L	**0.360 <MDL**	No	0.005 - 1.000
Total Chlorine	--	0.550	mg/L	**1.020 - 1.310**	No	0.520 - 1.800
Total Phosphorus	--	0.02	mg/L	**0.020 - 0.030**	No	0.020 - 0.070
Toxaphene	--	5.000	µg/L	**5.000 <MDL**	No	0.010 - 5.000
2,4,5-TP (Silvex)	--	0.130	µg/L	**0.130 <MDL**	No	0.010 - 5.000
Tritium	7000	15.0	Bq/l	**15.0 <MDL**	No	15 - 15
Turbidity	1	0.13	NTU	**0.130 <MDL**	No	0.030 - 0.500
Xylene; total	--	0.39	µg/L	**0.390 <MDL**	No	0.005 - 5.000
Zinc	--	1	µg/L	**2.000 - 4.000**	No	0.300 - 100.0

[1]ODWS - Ontario Drinking Water Standards
[2]Historical range goes back to 2000
[3]Sodium is regulated to be tested every 60 months
[4]The City of London consistently goes beyond the minimum testing requirements of the ODWS and samples these parameters as well

There were six adverse microbiological results out of 2,261 samples taken; all due to unacceptable levels of Total Coliform bacteria. In each case, standard response procedures were enacted. All sites were re-sampled immediately, and the re-sample results revealed no adverse indicators.

It is highly unlikely that there were 'actual' water quality issues at these sites, as the six adverse samples were identified as having free chlorine residuals which were well above the minimum acceptable level at the time of the sampling (ranging between 0.34 to 0.96 mg/L). Coliform bacteria cannot survive in chlorinated water; therefore, it is suspected that post-sampling contamination occurred. The re-sampling results support this conclusion. The microbiological testing procedure is extremely sensitive. Accidental sample contamination can occur through operator or laboratory staff error, despite the specific procedures and precautions adhered to.

There was one incident of an inorganic adverse on May 25, 2011. During planned maintenance activities at the Arva Pumping Station, the fluoride injection system was turned off for several hours and the piping associated with the fluoridation system was drained. During this process, some concentrated fluoride was inadvertently introduced into a pipe connected to the station's main suction header. During the maintenance activities, water continued to be pumped to the London system without adding fluoride.

After the maintenance activities were completed and normal pumping resumed, the concentrated fluoride mentioned above was introduced into the suction header and was then pumped into the station's main discharge pipes. This caused the fluoride concentration in the water leaving the station to briefly climb above the Ontario standard before settling back to the normal level.

London fluoridates to a target value of 0.7 mg/L, and the Ontario standard for fluoride is 1.5 mg/L; though several municipalities around London have naturally occurring fluoride levels over 2 mg/L. When normal pumping resumed, the fluoride concentration in the water increased above 1.5 mg/L for 2 minutes, 30 seconds, reaching a maximum concentration of 2.5 mg/L.

City staff on-site monitored this brief increase in fluoride concentration and allowed this water to be pumped to the distribution system. This decision was made with the knowledge that water leaving the Arva Pumping Station would mix with the non-fluoridated water within the large transmission mains for several kilometres prior to reaching any customer connection. The water in these transmission mains had no fluoride added for several hours during the maintenance activities. The "higher fluoride water" had a total volume of 130 m^3, and the non-fluoridated water that it was mixed into had a total volume of 15,780 m^3.

Even though the water would be well mixed before reaching any customers, staff reported this as an adverse incident, given that the fluoride level leaving the pumping station was above 1.5 mg/L for 2-½ minutes before it began mixing into the non-fluoridated water in the transmission mains. Staff reported the incident to the MOE, including procedures which were followed. The MOE concurred with the City's response.

Following the incident, staff reviewed the events that lead to the unplanned increase in fluoride concentration. It was determined that the pipe isolation procedures should be amended to require additional valve closures that would prevent such an occurrence

during future maintenance activities of this nature. As an additional safeguard, new backflow prevention devices were installed on the system piping which would also positively prevent such an event from occurring, regardless of the pipe isolation procedures.

System Statistics and Major Events

During the period from January 1, 2011 through to December 31, 2011 a total of 48,772,214,000 litres of water were purchased from the Joint Water Boards and subsequently pumped into London via the Arva Pumping Station and the London-Elgin-Middlesex Pumping Station. Average day demand was 132,908,040 litres. Peak day pumpage of 201,553,000 litres occurred on July 21, 2011.

A summary of system pumpage can be found in the PDF version of this report that is being provided to members of Council. The data includes monthly average and maximum daily flows. These values are also compared to the rated flow rate capacities identified in London's Municipal Drinking Water Licence. As shown, there have been no occurrences of flow rate exceedances during the specified time period.

Listed below are some 2011 statistics for the City of London Distribution System.

Approximate Replacement Value of Drinking Water System	**$1,800,000,000**
Number of Pumping Stations	**7**
Number of Fire Hydrants	**8,502**
Number of Watermain Valves	**11,090**
Total Number of Water Services	**110,485**
ICI Water Services	9,748
Residential Water Services	100,737
Length of Watermain	**1,563 km**
Length of New Watermain Installed	11 km
Length of Watermain Replaced	7 km
Length of Watermain Rehabilitated	5 km
Number of Watermain Breaks	**119**
Number of Water Quality Complaints	**176**

Municipalities Receiving London Water

In the Municipality of Middlesex Centre, Arva Village, Ballymote, and Delaware continued to receive their drinking water under contract from the City of London during 2011. The Municipality of Middlesex Centre has been provided a copy of the Annual Compliance Report as per subsection (4) of Schedule 22-2.

Several residences within Central Elgin also continued to receive drinking water from the transmission watermain that supplies the City of London from the London-Elgin-Middlesex Pumping Station. For this reason, Central Elgin has also been provided a copy of the report.

Appendix A
2011 Annual Compliance Report

Drinking-Water System Number:	260004917
Municipal Drinking-Water Licence:	006-101
Drinking-Water System Name:	London Water Supply
Drinking-Water System Owner:	The Corporation of the City of London
Drinking-Water System Category:	Large Municipal Residential System
Period being reported:	January 1, 2011 to December 31, 2011

Complete if your Category is Large Municipal Residential or Small Municipal Residential	*Complete for all other Categories.*
Does your Drinking-Water System serve more than 10,000 people? Yes [✓] No [ ] Is your annual report available to the public at no charge on a web site on the Internet? Yes [✓] No [ ] Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection. City of London – City Hall Customer Service Division – 8th Floor (Public Service Information Area) 300 Dufferin Avenue, London, ON	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 [ ]

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
Middlesex Centre Distribution System	260004202
Includes: Arva Waterworks	260004202
Ballymote Waterworks	260004202
Delaware Distribution System	260063323

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 _EnviroWorks Pamphlet__

Describe your Drinking-Water System

There are two water supplies in the City of London: primary sources of surface water and emergency back-up sources of well water in stand-by mode.

1. Primary Treated Water Sources (surface water)
- Lake Huron Primary Water Supply System (LHPWSS)
- Elgin Area Primary Water Supply System (EAPWSS)

2. Stand-by Emergency Wells
- Fanshawe Well Field (6 Wells) – GUDI with in-situ filtration
- Hyde Park Well – Not GUDI

Finally, in 2011 the London-Elgin-Middlesex Booster Station was operated by American Water Services, the designated operating authority. The Joint Board of Management for the EAPWSS will submit an Annual Report for this pumping station under a separate cover. However, it is also included with this report as Appendix B.

List all water treatment chemicals used over this reporting period

- Liquid Chlorine
- Sodium Hypochlorite
- Fluorosilicic Acid (hydrofluorosilicic acid)

Were any significant expenses incurred to?
[✓] Install required equipment
[ ] Repair required equipment
[✓] Replace required equipment

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

Installing acoustic monitoring fibre optic cable into the major Trunk Transmission Main from Arva Pumping Station through to the Springbank Reservoir. This project will span several years to complete as it is being done in stages..

Southeast Reservoir and Pumping Station continues construction. Project funding is a joint effort between Federal, Provincial, and Municipal governments and is part of the larger H.E.L.P. Clean Water initiative.

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.

Bacteriological Adverse

				Parameters			
Adverse Incident Date	Corrective Action	Corrective Action Date	Adverse Water Quality Indicator # (AWQI #)	E.Coli (cfu/100ml)	Total Coliform (cfu/100ml)	HPC (cfu/1ml)	Free Cl2 (mg/L)
2011-01-07 [1]			99629	0	1	30	0.96
	Resample	8-Jan-11		0	0	<10	0.91
2011-04-11 [2]			100513	0	10	<10	0.72
	Resample	12-Apr-11		0	0	<10	0.82
2011-05-04 [3]			100777	0	26	<10	0.79
	Resample	5-May-11		0	0	<10	1.00
2011-06-22 [4]			101567	0	1	<10	0.90
	Resample	23-Jun-11		0	0	<10	0.76
	Resample	23-Jun-11		0	0	<10	0.74
	Resample	23-Jun-11		0	0	<10	0.77
2011-06-23 [5]			101585	0	2	<10	0.87
	Resample	24-Jun-11		0	0	<10	0.84
2011-10-24 [6]			103992	0	1	350	0.34
	Resample	25-Oct-11		0	0	<10	0.44

Inorganic Adverse

				Parameters	
Adverse Incident Date	Time	Corrective Action Date	Adverse Water Quality Indicator # (AWQI #)	Online Fluoride Analyzer (mg/L)	Duration (seconds)
2011-05-25 [7]	4:35 AM	25-May-11	101005	1.5 - 2.5	150

Notes:
[1]1121 Commissioners Rd. E. (Pond Mills PS): Monthly Sampling Location: Adverse Result: Total Coliform > 0
Corrective Action: Resampled original site. Resample results had no indicators of adverse drinking water quality.
[2]1121 Commissioners Rd. E. (Pond Mills PS): Monthly Sampling Location: Adverse Result: Total Coliform > 0
Corrective Action: Resampled original site. Resample results had no indicators of adverse drinking water quality.
[3]13966 Medway Rd. (Arva PS): Monthly Sampling Location: Adverse Result: Total Coliform > 0
Corrective Action: Resampled original site. Resample results had no indicators of adverse drinking water quality.
[4]1121 Commissioners Rd. E. (Pond Mills PS): Monthly Sampling Location: Adverse Result: Total Coliform > 0
Corrective Action: Resampled original site. Resample results had no indicators of adverse drinking water quality.
[5]1121 Commissioners Rd. E. (Pond Mills PS): Monthly Sampling Location: Adverse Result: Total Coliform > 0
Corrective Action: Resampled original site. Resample results had no indicators of adverse drinking water quality.
[6]1379 Lola St. (City Wide Sampling Location – Southwood PS): Adverse Result: Total Coliform > 0
Corrective Action: Resampled original site. Resample results had no indicators of adverse drinking water quality.
[7]13966 Medway Rd. (Arva PS): Adverse Result: Fluoride > 1.5 mg/L
Corrective Action: see page 12 of Compliance Report for full description.

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

	# of E. Coli Samples Taken	Range of E. Coli (cfu/100mL)	# of Total Coliform Samples Taken	Range of Coliform (cfu/100mL)	# of HPC Samples	Range of HPC (cfu/1mL)
Raw	26	0	26	0	26	<10
Treated	N/A	N/A	N/A	N/A	N/A	N/A
Distribution	2259	0 - 0	2261	0 - 26	2261	<10 - 2000

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

	# of Grab Samples	Continuous Monitoring	Range of Results
Turbidity			
Distribution	2	N/A	<0.13 NTU
Raw	28	N/A	<0.13 - 4.88 NTU
Lead	10	N/A	0.03 - 0.28 µg/L
Field pH	20	N/A	7.78 - 8.33
Alkalinity	20	N/A	53.2 - 80.8 mg/L as CaCO3
Chlorine	2260	87600	0.09 - 1.57 mg/L
Fluoride	104	8712	0.00 - 1.04 mg/L

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

As outlined below, sampling was carried out in accordance with the requirements listed in the City of London's 2005 Certificate of Approval for inorganic and organic parameters at the following sites: Fanshawe Wells (No. 1 through No. 6) and Hyde Park Well.

SITE: Hyde Park Well - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	21-Jun-11	0.08	µg/L	N
December 17, 2010	Arsenic	21-Jun-11	0.3	µg/L	N
December 17, 2010	Barium	21-Jun-11	119	µg/L	N
December 17, 2010	Boron	21-Jun-11	33	µg/L	N
December 17, 2010	Cadmium	21-Jun-11	0.003	µg/L	N
December 17, 2010	Chromium	21-Jun-11	0.5 <MDL	µg/L	N
December 17, 2010	Fluoride	7-Mar-11	0.24	mg/L	N
December 17, 2010	Fluoride	21-Jun-11	0.21	mg/L	N
December 17, 2010	Fluoride	12-Sep-11	0.20	mg/L	N
December 17, 2010	Fluoride	13-Dec-11	0.12	mg/L	N
December 17, 2010	Lead	21-Jun-11	0.54	µg/L	N
December 17, 2010	Mercury	21-Jun-11	0.02 <MDL	µg/L	N
December 17, 2010	Nitrate (as nitrogen)	7-Mar-11	2.33	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	21-Jun-11	2.09	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	12-Sep-11	2.33	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	13-Dec-11	2.75	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	7-Mar-11	2.33	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	21-Jun-11	2.09	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	12-Sep-11	2.33	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	13-Dec-11	2.75	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	7-Mar-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	21-Jun-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	12-Sep-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	13-Dec-11	0.005 <MDL	mg/L	N
December 17, 2010	Selenium	21-Jun-11	1	µg/L	N
December 17, 2010	Sodium	21-Jun-11	52.6	mg/L	N
December 17, 2010	Uranium	21-Jun-11	0.572	µg/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Alachlor	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Aldicarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin + Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Azinphos-methyl	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Bendiocarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Benzene	21-Jun-11	0.32	<MDL	µg/L	N
December 17, 2010	Benzo(a)pyrene	21-Jun-11	0.004	<MDL	µg/L	N
December 17, 2010	Bromoxynil	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Carbaryl	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbofuran	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbon tetrachloride	21-Jun-11	0.16	<MDL	µg/L	N
December 17, 2010	Chlordane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	a-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	g-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Oxychlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Chlorpyrifos	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Cyanazine	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Diazinon	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Dicamba	21-Jun-11	0.20	<MDL	µg/L	N
December 17, 2010	1,2-Dichlorobenzene	21-Jun-11	0.41	<MDL	µg/L	N
December 17, 2010	1,4-Dichlorobenzene	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	op-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDD	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDE	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	1,2-Dichloroethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Dichloromethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	21-Jun-11	0.19	<MDL	µg/L	N
December 17, 2010	Diclofop-methyl	21-Jun-11	0.40	<MDL	µg/L	N
December 17, 2010	Dimethoate	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Dinoseb	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Diquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Diuron	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Glyphosate	21-Jun-11	6	<MDL	µg/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Lindane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Malathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Methoxychlor	21-Jun-11	0.01	<MDL	µg/L	N

December 17, 2010	Metolachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Metribuzin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Monochlorobenzene	21-Jun-11	0.3	<MDL	µg/L	N
December 17, 2010	Paraquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Parathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Pentachlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	Phorate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Picloram	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	21-Jun-11	0.04	<MDL	µg/L	N
December 17, 2010	Prometryne	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Simazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Temephos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Terbufos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	21-Jun-11	0.14	<MDL	µg/L	N
December 17, 2010	Triallate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Trichloroethylene	21-Jun-11	0.43	<MDL	µg/L	N
December 17, 2010	2,4,6-trichlorophenol	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	21-Jun-11	0.22	<MDL	µg/L	N
December 17, 2010	Trifluralin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Trihalomethanes (total)	21-Jun-11	1.9		µg/L	N
December 17, 2010	Bromodichloromethane	21-Jun-11	0.38		µg/L	N
December 17, 2010	Bromoform	21-Jun-11	0.34	<MDL	µg/L	N
December 17, 2010	Chloroform	21-Jun-11	1.5		µg/L	N
December 17, 2010	Dibromochloromethane	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Vinyl Chloride	21-Jun-11	0.17	<MDL	µg/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	7-Mar-11	326	mg/L as CaCO3	N
December 17, 2010	Alkalinity	21-Jun-11	252	mg/L as CaCO3	N
December 17, 2010	Alkalinity	12-Sep-11	270	mg/L as CaCO3	N
December 17, 2010	Alkalinity	13-Dec-11	275	mg/L as CaCO3	N
December 17, 2010	Aluminum	21-Jun-11	0.2 <MDL	µg/L	N
December 17, 2010	Ammonia+Ammonium (N)	7-Mar-11	0.07	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	21-Jun-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	12-Sep-11	0.10	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	13-Dec-11	0.04 <MDL	mg/L	N
December 17, 2010	Calcium	7-Mar-11	97.7	mg/L	N
December 17, 2010	Calcium	21-Jun-11	101	mg/L	N
December 17, 2010	Calcium	12-Sep-11	100	mg/L	N
December 17, 2010	Calcium	13-Dec-11	103	mg/L	N
December 17, 2010	Chloride	7-Mar-11	87	mg/L	N
December 17, 2010	Chloride	21-Jun-11	96	mg/L	N
December 17, 2010	Chloride	12-Sep-11	96	mg/L	N
December 17, 2010	Chloride	13-Dec-11	99	mg/L	N
December 17, 2010	Cobalt	21-Jun-11	0.131	µg/L	N
December 17, 2010	Colour	7-Mar-11	3 <MDL	TCU	N
December 17, 2010	Colour	21-Jun-11	3 <MDL	TCU	N
December 17, 2010	Colour	12-Sep-11	3 <MDL	TCU	N
December 17, 2010	Colour	13-Dec-11	3 <MDL	TCU	N
December 17, 2010	Conductivity	7-Mar-11	873	uS/cm	N
December 17, 2010	Conductivity	21-Jun-11	855	uS/cm	N
December 17, 2010	Conductivity	12-Sep-11	861	uS/cm	N
December 17, 2010	Conductivity	13-Dec-11	873	uS/cm	N
December 17, 2010	Copper	21-Jun-11	2.8	µg/L	N
December 17, 2010	Cyanide	7-Mar-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	21-Jun-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	12-Sep-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	13-Dec-11	0.002 <MDL	mg/L	N
December 17, 2010	De-ethylated atrazine	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Dissolved Organic Carbon	7-Mar-11	0.3	mg/L	N
December 17, 2010	Dissolved Organic Carbon	21-Jun-11	1.4	mg/L	N
December 17, 2010	Dissolved Organic Carbon	12-Sep-11	2.5	mg/L	N
December 17, 2010	Dissolved Organic Carbon	13-Dec-11	0.9	mg/L	N
December 17, 2010	Ethylbenzene	21-Jun-11	0.33 <MDL	µg/L	N
December 17, 2010	Field pH	29-Jun-11	7.02	units	N
December 17, 2010	field temp	29-Jun-11	12.3	celcius	N
December 17, 2010	Field Turbidity	29-Jun-11	0.31	mg/L	N
December 17, 2010	Free Chlorine	29-Jun-11	0	mg/L	N
December 17, 2010	Gross Alpha	21-Jun-11	0.1 <MDL	Bq/l	N
December 17, 2010	Gross Beta	21-Jun-11	0.1 <MDL	Bq/l	N

December 17, 2010	Hardness	7-Mar-11	341	mg/L as CaCO3	N
December 17, 2010	Hardness	21-Jun-11	358	mg/L as CaCO3	N
December 17, 2010	Hardness	12-Sep-11	354	mg/L as CaCO3	N
December 17, 2010	Hardness	13-Dec-11	362	mg/L as CaCO3	N
December 17, 2010	Hydrogen Sulphide	7-Mar-11	0.216	mg/L	N
December 17, 2010	Iron	21-Jun-11	16	µg/L	N
December 17, 2010	Langelier`s Index	7-Mar-11	-0.26	@20C	N
December 17, 2010	Langelier`s Index	21-Jun-11	0.55	@20C	N
December 17, 2010	Langelier`s Index	12-Sep-11	0.94	@20C	N
December 17, 2010	Langelier`s Index	13-Dec-11	0.80	@20C	N
December 17, 2010	Magnesium	7-Mar-11	23.5	mg/L	N
December 17, 2010	Magnesium	21-Jun-11	25.5	mg/L	N
December 17, 2010	Magnesium	12-Sep-11	25.1	mg/L	N
December 17, 2010	Magnesium	13-Dec-11	25.2	mg/L	N
December 17, 2010	Manganese	21-Jun-11	0.65	µg/L	N
December 17, 2010	Nickel	21-Jun-11	2.1	µg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	7-Mar-11	0.23	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	21-Jun-11	0.05 <MDL	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	12-Sep-11	0.15	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	13-Dec-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	7-Mar-11	0.16	mg/L	N
December 17, 2010	Organic Nitrogen	21-Jun-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	12-Sep-11	0.05	mg/L	N
December 17, 2010	Organic Nitrogen	13-Dec-11	0.05 <MDL	mg/L	N
December 17, 2010	pH	7-Mar-11	6.90	no unit	N
December 17, 2010	pH	21-Jun-11	7.81	no unit	N
December 17, 2010	pH	12-Sep-11	8.17	no unit	N
December 17, 2010	pH	13-Dec-11	8.01	no unit	N
December 17, 2010	Potassium	7-Mar-11	1.98	mg/L	N
December 17, 2010	Potassium	21-Jun-11	2.16	mg/L	N
December 17, 2010	Potassium	12-Sep-11	2.10	mg/L	N
December 17, 2010	Potassium	13-Dec-11	2.22	mg/L	N
December 17, 2010	Reactive Silica	12-Sep-11	11.1	mg/L	N
December 17, 2010	Reactive Silica	13-Dec-11	11.7	mg/L	N
December 17, 2010	Silica	7-Mar-11	6.69	mg/L	N
December 17, 2010	Silica Oxide	21-Jun-11	14.3	mg/L	N
December 17, 2010	Silver	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Solids (Total Dissolved)	7-Mar-11	514	mg/L	N
December 17, 2010	Solids (Total Dissolved)	21-Jun-11	580	mg/L	N
December 17, 2010	Solids (Total Dissolved)	12-Sep-11	543	mg/L	N
December 17, 2010	Solids (Total Dissolved)	13-Dec-11	514	mg/L	N
December 17, 2010	Sulphate	7-Mar-11	45	mg/L	N
December 17, 2010	Sulphate	21-Jun-11	47	mg/L	N
December 17, 2010	Sulphate	12-Sep-11	44	mg/L	N
December 17, 2010	Sulphate	13-Dec-11	43	mg/L	N
December 17, 2010	Sulphide	21-Jun-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	12-Sep-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	13-Dec-11	0.004 <MDL	mg/L	N

December 17, 2010	2,4,5-TP (Silvex)	21-Jun-11	0.13 <MDL	µg/L	N
December 17, 2010	Toluene	21-Jun-11	0.36 <MDL	µg/L	N
December 17, 2010	Total Chlorine	29-Jun-11	0	mg/L	N
December 17, 2010	Total Phosphorus	7-Mar-11	0.03	mg/L	N
December 17, 2010	Total Phosphorus	21-Jun-11	0.02 <MDL	mg/L	N
December 17, 2010	Total Phosphorus	12-Sep-11	0.03	mg/L	N
December 17, 2010	Total Phosphorus	13-Dec-11	0.06	mg/L	N
December 17, 2010	Toxaphene	21-Jun-11	5 <MDL	µg/L	N
December 17, 2010	Tritium	21-Jun-11	15 <MDL	Bq/l	N
December 17, 2010	Turbidity	7-Mar-11	0.74	NTU	N
December 17, 2010	Turbidity	21-Jun-11	0.31	NTU	N
December 17, 2010	Turbidity	12-Sep-11	0.43	NTU	N
December 17, 2010	Turbidity	13-Dec-11	0.80	NTU	N
December 17, 2010	Xylene (Total)	21-Jun-11	0.39 <MDL	µg/L	N
December 17, 2010	m/p-xylene	21-Jun-11	0.39 <MDL	µg/L	N
December 17, 2010	o-xylene	21-Jun-11	0.17 <MDL	µg/L	N
December 17, 2010	Zinc	21-Jun-11	15	µg/L	N

SITE: Fanshawe Well #1 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	21-Jun-11	0.14	µg/L	N
December 17, 2010	Arsenic	21-Jun-11	0.4	µg/L	N
December 17, 2010	Barium	21-Jun-11	41.7	µg/L	N
December 17, 2010	Boron	21-Jun-11	60	µg/L	N
December 17, 2010	Cadmium	21-Jun-11	0.003 <MDL	µg/L	N
December 17, 2010	Chromium	21-Jun-11	0.5 <MDL	µg/L	N
December 17, 2010	Fluoride	7-Mar-11	0.12	mg/L	N
December 17, 2010	Fluoride	21-Jun-11	0.10	mg/L	N
December 17, 2010	Fluoride	12-Sep-11	0.10	mg/L	N
December 17, 2010	Fluoride	13-Dec-11	0.11	mg/L	N
December 17, 2010	Lead	21-Jun-11	0.61	µg/L	N
December 17, 2010	Mercury	21-Jun-11	0.02 <MDL	µg/L	N
December 17, 2010	Nitrate (as nitrogen)	7-Mar-11	0.706	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	21-Jun-11	1.02	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	12-Sep-11	0.925	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	13-Dec-11	0.862	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	7-Mar-11	0.706	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	21-Jun-11	1.02	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	12-Sep-11	0.925	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	13-Dec-11	0.862	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	7-Mar-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	21-Jun-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	12-Sep-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	13-Dec-11	0.005 <MDL	mg/L	N
December 17, 2010	Selenium	21-Jun-11	1	µg/L	N
December 17, 2010	Sodium	21-Jun-11	25.3	mg/L	N
December 17, 2010	Uranium	21-Jun-11	0.568	µg/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Alachlor	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Aldicarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin + Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Azinphos-methyl	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Bendiocarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Benzene	21-Jun-11	0.32	<MDL	µg/L	N
December 17, 2010	Benzo(a)pyrene	21-Jun-11	0.004	<MDL	µg/L	N
December 17, 2010	Bromoxynil	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Carbaryl	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbofuran	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbon tetrachloride	21-Jun-11	0.16	<MDL	µg/L	N
December 17, 2010	Chlordane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	a-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	g-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Oxychlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Chlorpyrifos	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Cyanazine	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Diazinon	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Dicamba	21-Jun-11	0.20	<MDL	µg/L	N
December 17, 2010	1,2-Dichlorobenzene	21-Jun-11	0.41	<MDL	µg/L	N
December 17, 2010	1,4-Dichlorobenzene	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	op-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDD	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDE	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	1,2-Dichloroethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Dichloromethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	21-Jun-11	0.19	<MDL	µg/L	N
December 17, 2010	Diclofop-methyl	21-Jun-11	0.40	<MDL	µg/L	N
December 17, 2010	Dimethoate	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Dinoseb	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Diquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Diuron	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Glyphosate	21-Jun-11	6	<MDL	µg/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Lindane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Malathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Methoxychlor	21-Jun-11	0.01	<MDL	µg/L	N

December 17, 2010	Metolachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Metribuzin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Monochlorobenzene	21-Jun-11	0.3	<MDL	µg/L	N
December 17, 2010	Paraquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Parathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Pentachlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	Phorate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Picloram	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	21-Jun-11	0.04	<MDL	µg/L	N
December 17, 2010	Prometryne	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Simazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Temephos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Terbufos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	21-Jun-11	0.14	<MDL	µg/L	N
December 17, 2010	Triallate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Trichloroethylene	21-Jun-11	0.43	<MDL	µg/L	N
December 17, 2010	2,4,6-trichlorophenol	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	21-Jun-11	0.22	<MDL	µg/L	N
December 17, 2010	Trifluralin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Trihalomethanes (total)	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Bromodichloromethane	21-Jun-11	0.26	<MDL	µg/L	N
December 17, 2010	Bromoform	21-Jun-11	0.34	<MDL	µg/L	N
December 17, 2010	Chloroform	21-Jun-11	0.29	<MDL	µg/L	N
December 17, 2010	Dibromochloromethane	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Vinyl Chloride	21-Jun-11	0.17	<MDL	µg/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	7-Mar-11	282	mg/L as CaCO3	N
December 17, 2010	Alkalinity	21-Jun-11	252	mg/L as CaCO3	N
December 17, 2010	Alkalinity	12-Sep-11	291	mg/L as CaCO3	N
December 17, 2010	Alkalinity	13-Dec-11	282	mg/L as CaCO3	N
December 17, 2010	Aluminum	21-Jun-11	0.2 <MDL	µg/L	N
December 17, 2010	Ammonia+Ammonium (N)	7-Mar-11	0.14	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	21-Jun-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	12-Sep-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	13-Dec-11	0.04 <MDL	mg/L	N
December 17, 2010	Azoxystrobin	21-Jun-11	ND	µg/L	N
December 17, 2010	Calcium	7-Mar-11	97.9	mg/L	N
December 17, 2010	Calcium	21-Jun-11	118	mg/L	N
December 17, 2010	Calcium	12-Sep-11	113	mg/L	N
December 17, 2010	Calcium	13-Dec-11	112	mg/L	N
December 17, 2010	Chloride	7-Mar-11	43	mg/L	N
December 17, 2010	Chloride	21-Jun-11	67	mg/L	N
December 17, 2010	Chloride	12-Sep-11	53	mg/L	N
December 17, 2010	Chloride	13-Dec-11	49	mg/L	N
December 17, 2010	Chlorothalonil	21-Jun-11	ND	µg/L	N
December 17, 2010	Cobalt	21-Jun-11	0.187	µg/L	N
December 17, 2010	Colour	7-Mar-11	3 <MDL	TCU	N
December 17, 2010	Colour	21-Jun-11	3 <MDL	TCU	N
December 17, 2010	Colour	12-Sep-11	3 <MDL	TCU	N
December 17, 2010	Colour	13-Dec-11	3 <MDL	TCU	N
December 17, 2010	Conductivity	7-Mar-11	694	uS/cm	N
December 17, 2010	Conductivity	21-Jun-11	791	uS/cm	N
December 17, 2010	Conductivity	12-Sep-11	754	uS/cm	N
December 17, 2010	Conductivity	13-Dec-11	745	uS/cm	N
December 17, 2010	Copper	21-Jun-11	2.4	µg/L	N
December 17, 2010	Cyanide	7-Mar-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	21-Jun-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	12-Sep-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	13-Dec-11	0.002 <MDL	mg/L	N
December 17, 2010	De-ethylated atrazine	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Dissolved Organic Carbon	7-Mar-11	1.1	mg/L	N
December 17, 2010	Dissolved Organic Carbon	21-Jun-11	0.8	mg/L	N
December 17, 2010	Dissolved Organic Carbon	12-Sep-11	2.9	mg/L	N
December 17, 2010	Dissolved Organic Carbon	13-Dec-11	1.5	mg/L	N
December 17, 2010	Ethylbenzene	21-Jun-11	0.33 <MDL	µg/L	N
December 17, 2010	Field pH	29-Jun-11	6.95	units	N
December 17, 2010	field temp	29-Jun-11	11	celcius	N
December 17, 2010	Field Turbidity	29-Jun-11	0.25	mg/L	N
December 17, 2010	Fludioxonil	21-Jun-11	ND	µg/L	N
December 17, 2010	Free Chlorine	29-Jun-11	0	mg/L	N
December 17, 2010	Gross Alpha	21-Jun-11	0.1 <MDL	Bq/l	N
December 17, 2010	Gross Beta	21-Jun-11	0.1 <MDL	Bq/l	N

December 17, 2010	Hardness	7-Mar-11	328	mg/L as CaCO3	N
December 17, 2010	Hardness	21-Jun-11	399	mg/L as CaCO3	N
December 17, 2010	Hardness	12-Sep-11	379	mg/L as CaCO3	N
December 17, 2010	Hardness	13-Dec-11	373	mg/L as CaCO3	N
December 17, 2010	Hydrogen Sulphide	7-Mar-11	0.004 <MDL	mg/L	N
December 17, 2010	Iron	21-Jun-11	90	µg/L	N
December 17, 2010	Langelier`s Index	7-Mar-11	-0.07	@20C	N
December 17, 2010	Langelier`s Index	21-Jun-11	0.62	@20C	N
December 17, 2010	Langelier`s Index	12-Sep-11	0.88	@20C	N
December 17, 2010	Langelier`s Index	13-Dec-11	0.92	@20C	N
December 17, 2010	Magnesium	7-Mar-11	20.2	mg/L	N
December 17, 2010	Magnesium	21-Jun-11	25.1	mg/L	N
December 17, 2010	Magnesium	12-Sep-11	23.8	mg/L	N
December 17, 2010	Magnesium	13-Dec-11	22.8	mg/L	N
December 17, 2010	Manganese	21-Jun-11	1.99	µg/L	N
December 17, 2010	Nickel	21-Jun-11	2.3	µg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	7-Mar-11	0.32	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	21-Jun-11	0.17	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	12-Sep-11	0.31	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	13-Dec-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	7-Mar-11	0.18	mg/L	N
December 17, 2010	Organic Nitrogen	21-Jun-11	0.18	mg/L	N
December 17, 2010	Organic Nitrogen	12-Sep-11	0.31	mg/L	N
December 17, 2010	Organic Nitrogen	13-Dec-11	0.05 <MDL	mg/L	N
December 17, 2010	pH	7-Mar-11	7.14	no unit	N
December 17, 2010	pH	21-Jun-11	7.81	no unit	N
December 17, 2010	pH	12-Sep-11	8.02	no unit	N
December 17, 2010	pH	13-Dec-11	8.08	no unit	N
December 17, 2010	Potassium	7-Mar-11	1.87	mg/L	N
December 17, 2010	Potassium	21-Jun-11	2.29	mg/L	N
December 17, 2010	Potassium	12-Sep-11	2.18	mg/L	N
December 17, 2010	Potassium	13-Dec-11	2.25	mg/L	N
December 17, 2010	Quintozene	21-Jun-11	ND	µg/L	N
December 17, 2010	Reactive Silica	12-Sep-11	6.87	mg/L	N
December 17, 2010	Reactive Silica	13-Dec-11	7.16	mg/L	N
December 17, 2010	Silica	7-Mar-11	4.00	mg/L	N
December 17, 2010	Silica Oxide	21-Jun-11	9.01	mg/L	N
December 17, 2010	Silver	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Solids (Total Dissolved)	7-Mar-11	411	mg/L	N
December 17, 2010	Solids (Total Dissolved)	21-Jun-11	594	mg/L	N
December 17, 2010	Solids (Total Dissolved)	12-Sep-11	491	mg/L	N
December 17, 2010	Solids (Total Dissolved)	13-Dec-11	480	mg/L	N
December 17, 2010	Sulphate	7-Mar-11	50	mg/L	N
December 17, 2010	Sulphate	21-Jun-11	54	mg/L	N
December 17, 2010	Sulphate	12-Sep-11	50	mg/L	N
December 17, 2010	Sulphate	13-Dec-11	51	mg/L	N
December 17, 2010	Sulphide	21-Jun-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	12-Sep-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	13-Dec-11	0.020	mg/L	N

December 17, 2010	2,4,5-TP (Silvex)	21-Jun-11	0.13	<MDL	µg/L	N
December 17, 2010	Toluene	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Total Chlorine	29-Jun-11	0		mg/L	N
December 17, 2010	Total Phosphorus	7-Mar-11	0.02	<MDL	mg/L	N
December 17, 2010	Total Phosphorus	21-Jun-11	0.02	<MDL	mg/L	N
December 17, 2010	Total Phosphorus	12-Sep-11	0.04		mg/L	N
December 17, 2010	Total Phosphorus	13-Dec-11	0.05		mg/L	N
December 17, 2010	Toxaphene	21-Jun-11	5	<MDL	µg/L	N
December 17, 2010	Tritium	21-Jun-11	15	<MDL	Bq/l	N
December 17, 2010	Turbidity	7-Mar-11	2.42		NTU	N
December 17, 2010	Turbidity	21-Jun-11	1.27		NTU	N
December 17, 2010	Turbidity	12-Sep-11	4.88		NTU	N
December 17, 2010	Turbidity	13-Dec-11	0.64		NTU	N
December 17, 2010	Xylene (Total)	21-Jun-11	0.39	<MDL	µg/L	N
December 17, 2010	m/p-xylene	21-Jun-11	0.39	<MDL	µg/L	N
December 17, 2010	o-xylene	21-Jun-11	0.17	<MDL	µg/L	N
December 17, 2010	Zinc	21-Jun-11	4		µg/L	N

SITE: Fanshawe Well #2 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	21-Jun-11	0.26	µg/L	N
December 17, 2010	Arsenic	21-Jun-11	0.4	µg/L	N
December 17, 2010	Barium	21-Jun-11	37.2	µg/L	N
December 17, 2010	Boron	21-Jun-11	40	µg/L	N
December 17, 2010	Cadmium	21-Jun-11	0.003 <MDL	µg/L	N
December 17, 2010	Chromium	21-Jun-11	0.5 <MDL	µg/L	N
December 17, 2010	Fluoride	7-Mar-11	0.14	mg/L	N
December 17, 2010	Fluoride	21-Jun-11	0.12	mg/L	N
December 17, 2010	Fluoride	12-Sep-11	0.12	mg/L	N
December 17, 2010	Fluoride	13-Dec-11	0.14	mg/L	N
December 17, 2010	Lead	21-Jun-11	0.27	µg/L	N
December 17, 2010	Mercury	21-Jun-11	0.02 <MDL	µg/L	N
December 17, 2010	Nitrate (as nitrogen)	7-Mar-11	0.037	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	21-Jun-11	0.151	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	12-Sep-11	0.101	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	13-Dec-11	0.336	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	7-Mar-11	0.037	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	21-Jun-11	0.151	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	12-Sep-11	0.101	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	13-Dec-11	0.336	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	7-Mar-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	21-Jun-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	12-Sep-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	13-Dec-11	0.005 <MDL	mg/L	N
December 17, 2010	Selenium	21-Jun-11	1	µg/L	N
December 17, 2010	Sodium	21-Jun-11	25.6	mg/L	N
December 17, 2010	Uranium	21-Jun-11	0.612	0-Jan-00	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Alachlor	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Aldicarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin + Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Azinphos-methyl	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Bendiocarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Benzene	21-Jun-11	0.32	<MDL	µg/L	N
December 17, 2010	Benzo(a)pyrene	21-Jun-11	0.004	<MDL	µg/L	N
December 17, 2010	Bromoxynil	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Carbaryl	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbofuran	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbon tetrachloride	21-Jun-11	0.16	<MDL	µg/L	N
December 17, 2010	Chlordane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	a-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	g-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Oxychlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Chlorpyrifos	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Cyanazine	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Diazinon	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Dicamba	21-Jun-11	0.20	<MDL	µg/L	N
December 17, 2010	1,2-Dichlorobenzene	21-Jun-11	0.41	<MDL	µg/L	N
December 17, 2010	1,4-Dichlorobenzene	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	op-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDD	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDE	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	1,2-Dichloroethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Dichloromethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	21-Jun-11	0.19	<MDL	µg/L	N
December 17, 2010	Diclofop-methyl	21-Jun-11	0.40	<MDL	µg/L	N
December 17, 2010	Dimethoate	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Dinoseb	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Diquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Diuron	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Glyphosate	21-Jun-11	6	<MDL	µg/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Lindane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Malathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Methoxychlor	21-Jun-11	0.01	<MDL	µg/L	N

December 17, 2010	Metolachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Metribuzin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Monochlorobenzene	21-Jun-11	0.3	<MDL	µg/L	N
December 17, 2010	Paraquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Parathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Pentachlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	Phorate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Picloram	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	21-Jun-11	0.04	<MDL	µg/L	N
December 17, 2010	Prometryne	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Simazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Temephos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Terbufos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	21-Jun-11	0.14	<MDL	µg/L	N
December 17, 2010	Triallate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Trichloroethylene	21-Jun-11	0.43	<MDL	µg/L	N
December 17, 2010	2,4,6-trichlorophenol	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	21-Jun-11	0.22	<MDL	µg/L	N
December 17, 2010	Trifluralin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Trihalomethanes (total)	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Bromodichloromethane	21-Jun-11	0.26	<MDL	µg/L	N
December 17, 2010	Bromoform	21-Jun-11	0.34	<MDL	µg/L	N
December 17, 2010	Chloroform	21-Jun-11	0.29	<MDL	µg/L	N
December 17, 2010	Dibromochloromethane	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Vinyl Chloride	21-Jun-11	0.17	<MDL	µg/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	7-Mar-11	282	mg/L as CaCO3	N
December 17, 2010	Alkalinity	21-Jun-11	232	mg/L as CaCO3	N
December 17, 2010	Alkalinity	12-Sep-11	262	mg/L as CaCO3	N
December 17, 2010	Alkalinity	13-Dec-11	267	mg/L as CaCO3	N
December 17, 2010	Aluminum	21-Jun-11	0.2 <MDL	µg/L	N
December 17, 2010	Ammonia+Ammonium (N)	7-Mar-11	0.09	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	21-Jun-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	12-Sep-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	13-Dec-11	0.04 <MDL	mg/L	N
December 17, 2010	Azoxystrobin	21-Jun-11	ND	µg/L	N
December 17, 2010	Calcium	7-Mar-11	88.1	mg/L	N
December 17, 2010	Calcium	21-Jun-11	100	mg/L	N
December 17, 2010	Calcium	12-Sep-11	98.5	mg/L	N
December 17, 2010	Calcium	13-Dec-11	93.0	mg/L	N
December 17, 2010	Chloride	7-Mar-11	51	mg/L	N
December 17, 2010	Chloride	21-Jun-11	62	mg/L	N
December 17, 2010	Chloride	12-Sep-11	56	mg/L	N
December 17, 2010	Chloride	13-Dec-11	36	mg/L	N
December 17, 2010	Chlorothalonil	21-Jun-11	ND	µg/L	N
December 17, 2010	Cobalt	21-Jun-11	0.250	µg/L	N
December 17, 2010	Colour	7-Mar-11	3 <MDL	TCU	N
December 17, 2010	Colour	21-Jun-11	3 <MDL	TCU	N
December 17, 2010	Colour	12-Sep-11	3 <MDL	TCU	N
December 17, 2010	Colour	13-Dec-11	3 <MDL	TCU	N
December 17, 2010	Conductivity	7-Mar-11	661	uS/cm	N
December 17, 2010	Conductivity	21-Jun-11	715	uS/cm	N
December 17, 2010	Conductivity	12-Sep-11	713	uS/cm	N
December 17, 2010	Conductivity	13-Dec-11	640	uS/cm	N
December 17, 2010	Copper	21-Jun-11	1.5	µg/L	N
December 17, 2010	Cyanide	7-Mar-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	21-Jun-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	12-Sep-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	13-Dec-11	0.002 <MDL	mg/L	N
December 17, 2010	De-ethylated atrazine	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Dissolved Organic Carbon	7-Mar-11	1.3	mg/L	N
December 17, 2010	Dissolved Organic Carbon	21-Jun-11	0.8	mg/L	N
December 17, 2010	Dissolved Organic Carbon	12-Sep-11	3.6	mg/L	N
December 17, 2010	Dissolved Organic Carbon	13-Dec-11	1.5	mg/L	N
December 17, 2010	Ethylbenzene	21-Jun-11	0.33 <MDL	µg/L	N
December 17, 2010	Field pH	29-Jun-11	6.58	units	N
December 17, 2010	field temp	29-Jun-11	13	celcius	N
December 17, 2010	Field Turbidity	29-Jun-11	0.47	mg/L	N
December 17, 2010	Fludioxonil	21-Jun-11	ND	µg/L	N
December 17, 2010	Free Chlorine	29-Jun-11	0	mg/L	N
December 17, 2010	Gross Alpha	21-Jun-11	0.1 <MDL	Bq/l	N
December 17, 2010	Gross Beta	21-Jun-11	0.1 <MDL	Bq/l	N

December 17, 2010	Hardness	7-Mar-11	297	mg/L as CaCO3	N
December 17, 2010	Hardness	21-Jun-11	339	mg/L as CaCO3	N
December 17, 2010	Hardness	12-Sep-11	333	mg/L as CaCO3	N
December 17, 2010	Hardness	13-Dec-11	310	mg/L as CaCO3	N
December 17, 2010	Hydrogen Sulphide	7-Mar-11	0.004 <MDL	mg/L	N
December 17, 2010	Iron	21-Jun-11	120	µg/L	N
December 17, 2010	Langelier`s Index	7-Mar-11	-0.39	@20C	N
December 17, 2010	Langelier`s Index	21-Jun-11	0.54	@20C	N
December 17, 2010	Langelier`s Index	12-Sep-11	0.85	@20C	N
December 17, 2010	Langelier`s Index	13-Dec-11	0.72	@20C	N
December 17, 2010	Magnesium	7-Mar-11	18.6	mg/L	N
December 17, 2010	Magnesium	21-Jun-11	21.6	mg/L	N
December 17, 2010	Magnesium	12-Sep-11	21.1	mg/L	N
December 17, 2010	Magnesium	13-Dec-11	19.0	mg/L	N
December 17, 2010	Manganese	21-Jun-11	67.3	µg/L	N
December 17, 2010	Nickel	21-Jun-11	2.4	µg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	7-Mar-11	0.19	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	21-Jun-11	0.05 <MDL	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	12-Sep-11	0.08	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	13-Dec-11	0.09	mg/L	N
December 17, 2010	Organic Nitrogen	7-Mar-11	0.10	mg/L	N
December 17, 2010	Organic Nitrogen	21-Jun-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	12-Sep-11	0.08	mg/L	N
December 17, 2010	Organic Nitrogen	13-Dec-11	0.08	mg/L	N
December 17, 2010	pH	7-Mar-11	6.86	no unit	N
December 17, 2010	pH	21-Jun-11	7.83	no unit	N
December 17, 2010	pH	12-Sep-11	8.09	no unit	N
December 17, 2010	pH	13-Dec-11	7.97	no unit	N
December 17, 2010	Potassium	7-Mar-11	2.37	mg/L	N
December 17, 2010	Potassium	21-Jun-11	2.78	mg/L	N
December 17, 2010	Potassium	12-Sep-11	2.73	mg/L	N
December 17, 2010	Potassium	13-Dec-11	2.70	mg/L	N
December 17, 2010	Quintozene	21-Jun-11	ND	µg/L	N
December 17, 2010	Reactive Silica	12-Sep-11	6.11	mg/L	N
December 17, 2010	Reactive Silica	13-Dec-11	6.53	mg/L	N
December 17, 2010	Silica	7-Mar-11	3.53	mg/L	N
December 17, 2010	Silica Oxide	21-Jun-11	7.79	mg/L	N
December 17, 2010	Silver	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Solids (Total Dissolved)	7-Mar-11	366	mg/L	N
December 17, 2010	Solids (Total Dissolved)	21-Jun-11	491	mg/L	N
December 17, 2010	Solids (Total Dissolved)	12-Sep-11	431	mg/L	N
December 17, 2010	Solids (Total Dissolved)	13-Dec-11	363	mg/L	N
December 17, 2010	Sulphate	7-Mar-11	29	mg/L	N
December 17, 2010	Sulphate	21-Jun-11	38	mg/L	N
December 17, 2010	Sulphate	12-Sep-11	35	mg/L	N
December 17, 2010	Sulphate	13-Dec-11	23	mg/L	N
December 17, 2010	Sulphide	21-Jun-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	12-Sep-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	13-Dec-11	0.004 <MDL	mg/L	N

December 17, 2010	2,4,5-TP (Silvex)	21-Jun-11	0.13 <MDL	µg/L	N
December 17, 2010	Toluene	21-Jun-11	0.36 <MDL	µg/L	N
December 17, 2010	Total Chlorine	29-Jun-11	0	mg/L	N
December 17, 2010	Total Phosphorus	7-Mar-11	0.03	mg/L	N
December 17, 2010	Total Phosphorus	21-Jun-11	0.02 <MDL	mg/L	N
December 17, 2010	Total Phosphorus	12-Sep-11	0.03	mg/L	N
December 17, 2010	Total Phosphorus	13-Dec-11	0.09	mg/L	N
December 17, 2010	Toxaphene	21-Jun-11	5 <MDL	µg/L	N
December 17, 2010	Tritium	21-Jun-11	15 <MDL	Bq/l	N
December 17, 2010	Turbidity	7-Mar-11	2.74	NTU	N
December 17, 2010	Turbidity	21-Jun-11	1.39	NTU	N
December 17, 2010	Turbidity	12-Sep-11	2.40	NTU	N
December 17, 2010	Turbidity	13-Dec-11	0.87	NTU	N
December 17, 2010	Xylene (Total)	21-Jun-11	0.39 <MDL	µg/L	N
December 17, 2010	m/p-xylene	21-Jun-11	0.39 <MDL	µg/L	N
December 17, 2010	o-xylene	21-Jun-11	0.17 <MDL	µg/L	N
December 17, 2010	Zinc	21-Jun-11	3	µg/L	N

SITE: Fanshawe Well #3 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	21-Jun-11	0.36	µg/L	N
December 17, 2010	Arsenic	21-Jun-11	0.5	µg/L	N
December 17, 2010	Barium	21-Jun-11	40.6	0-Jan-00	N
December 17, 2010	Boron	21-Jun-11	30	µg/L	N
December 17, 2010	Cadmium	21-Jun-11	0.006	µg/L	N
December 17, 2010	Chromium	21-Jun-11	0.5 <MDL	µg/L	N
December 17, 2010	Fluoride	7-Mar-11	0.13	mg/L	N
December 17, 2010	Fluoride	21-Jun-11	0.12	mg/L	N
December 17, 2010	Fluoride	12-Sep-11	0.09	mg/L	N
December 17, 2010	Fluoride	13-Dec-11	0.14	mg/L	N
December 17, 2010	Lead	21-Jun-11	0.44	µg/L	N
December 17, 2010	Mercury	21-Jun-11	0.02 <MDL	µg/L	N
December 17, 2010	Nitrate (as nitrogen)	7-Mar-11	0.013 <MDL	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	21-Jun-11	0.013 <MDL	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	12-Sep-11	0.013 <MDL	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	13-Dec-11	0.013 <MDL	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	7-Mar-11	0.013 <MDL	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	21-Jun-11	0.013 <MDL	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	12-Sep-11	0.013 <MDL	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	13-Dec-11	0.013 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	7-Mar-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	21-Jun-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	12-Sep-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	13-Dec-11	0.005 <MDL	mg/L	N
December 17, 2010	Selenium	21-Jun-11	1	µg/L	N
December 17, 2010	Sodium*	21-Jun-11	19.5	mg/L	N
December 17, 2010	Uranium	21-Jun-11	0.635	µg/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Alachlor	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Aldicarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin + Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Azinphos-methyl	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Bendiocarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Benzene	21-Jun-11	0.32	<MDL	µg/L	N
December 17, 2010	Benzo(a)pyrene	21-Jun-11	0.004	<MDL	µg/L	N
December 17, 2010	Bromoxynil	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Carbaryl	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbofuran	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbon tetrachloride	21-Jun-11	0.16	<MDL	µg/L	N
December 17, 2010	Chlordane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	a-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	g-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Oxychlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Chlorpyrifos	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Cyanazine	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Diazinon	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Dicamba	21-Jun-11	0.20	<MDL	µg/L	N
December 17, 2010	1,2-Dichlorobenzene	21-Jun-11	0.41	<MDL	µg/L	N
December 17, 2010	1,4-Dichlorobenzene	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	op-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDD	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDE	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	1,2-Dichloroethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Dichloromethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	21-Jun-11	0.19	<MDL	µg/L	N
December 17, 2010	Diclofop-methyl	21-Jun-11	0.40	<MDL	µg/L	N
December 17, 2010	Dimethoate	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Dinoseb	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Diquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Diuron	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Glyphosate	21-Jun-11	6	<MDL	µg/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Lindane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Malathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Methoxychlor	21-Jun-11	0.01	<MDL	µg/L	N

December 17, 2010	Metolachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Metribuzin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Monochlorobenzene	21-Jun-11	0.3	<MDL	µg/L	N
December 17, 2010	Paraquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Parathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Pentachlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	Phorate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Picloram	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	21-Jun-11	0.04	<MDL	µg/L	N
December 17, 2010	Prometryne	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Simazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Temephos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Terbufos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	21-Jun-11	0.14	<MDL	µg/L	N
December 17, 2010	Triallate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Trichloroethylene	21-Jun-11	0.43	<MDL	µg/L	N
December 17, 2010	2,4,6-trichlorophenol	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	21-Jun-11	0.22	<MDL	µg/L	N
December 17, 2010	Trifluralin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Trihalomethanes (total)	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Bromodichloromethane	21-Jun-11	0.26	<MDL	µg/L	N
December 17, 2010	Bromoform	21-Jun-11	0.34	<MDL	µg/L	N
December 17, 2010	Chloroform	21-Jun-11	0.29	<MDL	µg/L	N
December 17, 2010	Dibromochloromethane	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Vinyl Chloride	21-Jun-11	0.17	<MDL	µg/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	7-Mar-11	432	mg/L as CaCO3	N
December 17, 2010	Alkalinity	21-Jun-11	254	mg/L as CaCO3	N
December 17, 2010	Alkalinity	12-Sep-11	264	mg/L as CaCO3	N
December 17, 2010	Alkalinity	13-Dec-11	229	mg/L as CaCO3	N
December 17, 2010	Aluminum	21-Jun-11	0.2 <MDL	µg/L	N
December 17, 2010	Ammonia+Ammonium (N)	7-Mar-11	0.08	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	21-Jun-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	12-Sep-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	13-Dec-11	0.04	mg/L	N
December 17, 2010	Azoxystrobin	21-Jun-11	ND	µg/L	N
December 17, 2010	Calcium	7-Mar-11	96.2	mg/L	N
December 17, 2010	Calcium	21-Jun-11	102	mg/L	N
December 17, 2010	Calcium	12-Sep-11	99.3	mg/L	N
December 17, 2010	Calcium	13-Dec-11	102	mg/L	N
December 17, 2010	Chloride	7-Mar-11	43	mg/L	N
December 17, 2010	Chloride	21-Jun-11	46	mg/L	N
December 17, 2010	Chloride	12-Sep-11	47	mg/L	N
December 17, 2010	Chloride	13-Dec-11	46	mg/L	N
December 17, 2010	Chlorothalonil	21-Jun-11	ND	µg/L	N
December 17, 2010	Cobalt	21-Jun-11	0.456	µg/L	N
December 17, 2010	Colour	7-Mar-11	3 <MDL	TCU	N
December 17, 2010	Colour	21-Jun-11	3 <MDL	TCU	N
December 17, 2010	Colour	12-Sep-11	3 <MDL	TCU	N
December 17, 2010	Colour	13-Dec-11	3 <MDL	TCU	N
December 17, 2010	Conductivity	7-Mar-11	690	uS/cm	N
December 17, 2010	Conductivity	21-Jun-11	677	uS/cm	N
December 17, 2010	Conductivity	12-Sep-11	692	uS/cm	N
December 17, 2010	Conductivity	13-Dec-11	694	uS/cm	N
December 17, 2010	Copper	21-Jun-11	2.3	µg/L	N
December 17, 2010	Cyanide	7-Mar-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	21-Jun-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	12-Sep-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	13-Dec-11	0.002 <MDL	mg/L	N
December 17, 2010	De-ethylated atrazine	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Dissolved Organic Carbon	7-Mar-11	1.2	mg/L	N
December 17, 2010	Dissolved Organic Carbon	21-Jun-11	0.8	mg/L	N
December 17, 2010	Dissolved Organic Carbon	12-Sep-11	3.3	mg/L	N
December 17, 2010	Dissolved Organic Carbon	13-Dec-11	1.4	mg/L	N
December 17, 2010	Ethylbenzene	21-Jun-11	0.33 <MDL	µg/L	N
December 17, 2010	Field pH	29-Jun-11	6.88	units	N
December 17, 2010	field temp	29-Jun-11	10.7	celcius	N
December 17, 2010	Field Turbidity	29-Jun-11	0.12	mg/L	N
December 17, 2010	Fludioxonil	21-Jun-11	ND	µg/L	N
December 17, 2010	Free Chlorine	29-Jun-11	0	mg/L	N
December 17, 2010	Gross Alpha	21-Jun-11	0.1 <MDL	Bq/l	N
December 17, 2010	Gross Beta	21-Jun-11	0.1 <MDL	Bq/l	N

December 17, 2010	Hardness	7-Mar-11	325	mg/L as CaCO3	N
December 17, 2010	Hardness	21-Jun-11	346	mg/L as CaCO3	N
December 17, 2010	Hardness	12-Sep-11	338	mg/L as CaCO3	N
December 17, 2010	Hardness	13-Dec-11	343	mg/L as CaCO3	N
December 17, 2010	Hydrogen Sulphide	7-Mar-11	0.004 <MDL	mg/L	N
December 17, 2010	Iron	21-Jun-11	153	µg/L	N
December 17, 2010	Langelier`s Index	7-Mar-11	0.20	@20C	N
December 17, 2010	Langelier`s Index	21-Jun-11	0.56	@20C	N
December 17, 2010	Langelier`s Index	12-Sep-11	0.67	@20C	N
December 17, 2010	Langelier`s Index	13-Dec-11	0.71	@20C	N
December 17, 2010	Magnesium	7-Mar-11	20.5	mg/L	N
December 17, 2010	Magnesium	21-Jun-11	22.4	mg/L	N
December 17, 2010	Magnesium	12-Sep-11	21.9	mg/L	N
December 17, 2010	Magnesium	13-Dec-11	21.5	mg/L	N
December 17, 2010	Manganese	21-Jun-11	268	µg/L	N
December 17, 2010	Nickel	21-Jun-11	3.2	µg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	7-Mar-11	0.20	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	21-Jun-11	0.06	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	12-Sep-11	0.06	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	13-Dec-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	7-Mar-11	0.12	mg/L	N
December 17, 2010	Organic Nitrogen	21-Jun-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	12-Sep-11	0.05	mg/L	N
December 17, 2010	Organic Nitrogen	13-Dec-11	0.05 <MDL	mg/L	N
December 17, 2010	pH	7-Mar-11	7.23	no unit	N
December 17, 2010	pH	21-Jun-11	7.80	no unit	N
December 17, 2010	pH	12-Sep-11	7.90	no unit	N
December 17, 2010	pH	13-Dec-11	7.99	no unit	N
December 17, 2010	Potassium	7-Mar-11	2.49	mg/L	N
December 17, 2010	Potassium	21-Jun-11	2.83	mg/L	N
December 17, 2010	Potassium	12-Sep-11	2.71	mg/L	N
December 17, 2010	Potassium	13-Dec-11	2.93	mg/L	N
December 17, 2010	Quintozene	21-Jun-11	ND	µg/L	N
December 17, 2010	Reactive Silica	12-Sep-11	7.08	mg/L	N
December 17, 2010	Reactive Silica	13-Dec-11	7.91	mg/L	N
December 17, 2010	Silica	7-Mar-11	4.13	mg/L	N
December 17, 2010	Silica Oxide	21-Jun-11	8.99	mg/L	N
December 17, 2010	Silver	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Solids (Total Dissolved)	7-Mar-11	400	mg/L	N
December 17, 2010	Solids (Total Dissolved)	21-Jun-11	483	mg/L	N
December 17, 2010	Solids (Total Dissolved)	12-Sep-11	417	mg/L	N
December 17, 2010	Solids (Total Dissolved)	13-Dec-11	411	mg/L	N
December 17, 2010	Sulphate	7-Mar-11	20	mg/L	N
December 17, 2010	Sulphate	21-Jun-11	23	mg/L	N
December 17, 2010	Sulphate	12-Sep-11	21	mg/L	N
December 17, 2010	Sulphate	13-Dec-11	23	mg/L	N
December 17, 2010	Sulphide	21-Jun-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	12-Sep-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	13-Dec-11	0.004 <MDL	mg/L	N

December 17, 2010	2,4,5-TP (Silvex)	21-Jun-11	0.13	<MDL	µg/L	N
December 17, 2010	Toluene	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Total Chlorine	29-Jun-11	0		mg/L	N
December 17, 2010	Total Phosphorus	7-Mar-11	0.02		mg/L	N
December 17, 2010	Total Phosphorus	21-Jun-11	0.02	<MDL	mg/L	N
December 17, 2010	Total Phosphorus	12-Sep-11	0.04		mg/L	N
December 17, 2010	Total Phosphorus	13-Dec-11	0.04		mg/L	N
December 17, 2010	Toxaphene	21-Jun-11	5	<MDL	µg/L	N
December 17, 2010	Tritium	21-Jun-11	15	<MDL	Bq/l	N
December 17, 2010	Turbidity	7-Mar-11	1.75		NTU	N
December 17, 2010	Turbidity	21-Jun-11	1.17		NTU	N
December 17, 2010	Turbidity	12-Sep-11	2.59		NTU	N
December 17, 2010	Turbidity	13-Dec-11	1.60		NTU	N
December 17, 2010	Xylene (Total)	21-Jun-11	0.39	<MDL	µg/L	N
December 17, 2010	m/p-xylene	21-Jun-11	0.39	<MDL	µg/L	N
December 17, 2010	o-xylene	21-Jun-11	0.17	<MDL	µg/L	N
December 17, 2010	Zinc	21-Jun-11	13		µg/L	N

SITE: Fanshawe Well #4 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	21-Jun-11	0.50	µg/L	N
December 17, 2010	Arsenic	21-Jun-11	0.7	µg/L	N
December 17, 2010	Barium	21-Jun-11	318	µg/L	N
December 17, 2010	Boron	21-Jun-11	17	µg/L	N
December 17, 2010	Cadmium	21-Jun-11	0.003	µg/L	N
December 17, 2010	Chromium	21-Jun-11	0.5 <MDL	µg/L	N
December 17, 2010	Fluoride	8-Mar-11	0.16	mg/L	N
December 17, 2010	Fluoride	21-Jun-11	0.12	mg/L	N
December 17, 2010	Fluoride	12-Sep-11	0.11	mg/L	N
December 17, 2010	Fluoride	13-Dec-11	0.15	mg/L	N
December 17, 2010	Lead	21-Jun-11	0.29	µg/L	N
December 17, 2010	Mercury	21-Jun-11	0.02 <MDL	µg/L	N
December 17, 2010	Nitrate (as nitrogen)	8-Mar-11	0.093	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	21-Jun-11	0.151	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	12-Sep-11	0.102	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	13-Dec-11	0.105	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	8-Mar-11	0.093	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	21-Jun-11	0.151	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	12-Sep-11	0.102	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	13-Dec-11	0.105	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	8-Mar-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	21-Jun-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	12-Sep-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	13-Dec-11	0.005 <MDL	mg/L	N
December 17, 2010	Selenium	21-Jun-11	1 <MDL	µg/L	N
December 17, 2010	Sodium*	21-Jun-11	22.6	mg/L	N
December 17, 2010	Uranium	21-Jun-11	0.807	µg/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Alachlor	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Aldicarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin + Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Azinphos-methyl	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Bendiocarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Benzene	21-Jun-11	0.32	<MDL	µg/L	N
December 17, 2010	Benzo(a)pyrene	21-Jun-11	0.004	<MDL	µg/L	N
December 17, 2010	Bromoxynil	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Carbaryl	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbofuran	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbon tetrachloride	21-Jun-11	0.16	<MDL	µg/L	N
December 17, 2010	Chlordane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	a-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	g-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Oxychlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Chlorpyrifos	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Cyanazine	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Diazinon	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Dicamba	21-Jun-11	0.20	<MDL	µg/L	N
December 17, 2010	1,2-Dichlorobenzene	21-Jun-11	0.41	<MDL	µg/L	N
December 17, 2010	1,4-Dichlorobenzene	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	op-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDD	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDE	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	1,2-Dichloroethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Dichloromethane	21-Jun-11	0.68		µg/L	N
December 17, 2010	2,4-dichlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	21-Jun-11	0.19	<MDL	µg/L	N
December 17, 2010	Diclofop-methyl	21-Jun-11	0.40	<MDL	µg/L	N
December 17, 2010	Dimethoate	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Dinoseb	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Diquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Diuron	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Glyphosate	21-Jun-11	6	<MDL	µg/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Lindane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Malathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Methoxychlor	21-Jun-11	0.01	<MDL	µg/L	N

December 17, 2010	Metolachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Metribuzin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Monochlorobenzene	21-Jun-11	0.3	<MDL	µg/L	N
December 17, 2010	Paraquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Parathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Pentachlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	Phorate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Picloram	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	21-Jun-11	0.04	<MDL	µg/L	N
December 17, 2010	Prometryne	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Simazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Temephos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Terbufos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	21-Jun-11	0.14	<MDL	µg/L	N
December 17, 2010	Triallate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Trichloroethylene	21-Jun-11	0.43	<MDL	µg/L	N
December 17, 2010	2,4,6-trichlorophenol	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	21-Jun-11	0.22	<MDL	µg/L	N
December 17, 2010	Trifluralin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Trihalomethanes (total)	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Bromodichloromethane	21-Jun-11	0.26	<MDL	µg/L	N
December 17, 2010	Bromoform	21-Jun-11	0.34	<MDL	µg/L	N
December 17, 2010	Chloroform	21-Jun-11	0.29	<MDL	µg/L	N
December 17, 2010	Dibromochloromethane	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Vinyl Chloride	21-Jun-11	0.17	<MDL	µg/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	8-Mar-11	275	mg/L as CaCO3	N
December 17, 2010	Alkalinity	21-Jun-11	242	mg/L as CaCO3	N
December 17, 2010	Alkalinity	12-Sep-11	244	mg/L as CaCO3	N
December 17, 2010	Alkalinity	13-Dec-11	202	mg/L as CaCO3	N
December 17, 2010	Aluminum	21-Jun-11	0.2 <MDL	µg/L	N
December 17, 2010	Ammonia+Ammonium (N)	8-Mar-11	0.05	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	21-Jun-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	12-Sep-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	13-Dec-11	0.10	mg/L	N
December 17, 2010	Azoxystrobin	21-Jun-11	ND	µg/L	N
December 17, 2010	Calcium	8-Mar-11	91.0	mg/L	N
December 17, 2010	Calcium	21-Jun-11	91.6	mg/L	N
December 17, 2010	Calcium	12-Sep-11	83.7	mg/L	N
December 17, 2010	Calcium	13-Dec-11	87.1	mg/L	N
December 17, 2010	Chloride	8-Mar-11	35	mg/L	N
December 17, 2010	Chloride	21-Jun-11	35	mg/L	N
December 17, 2010	Chloride	12-Sep-11	30	mg/L	N
December 17, 2010	Chloride	13-Dec-11	28	mg/L	N
December 17, 2010	Chlorothalonil	21-Jun-11	ND	µg/L	N
December 17, 2010	Cobalt	21-Jun-11	0.266	µg/L	N
December 17, 2010	Colour	8-Mar-11	3 <MDL	TCU	N
December 17, 2010	Colour	21-Jun-11	3 <MDL	TCU	N
December 17, 2010	Colour	12-Sep-11	3 <MDL	TCU	N
December 17, 2010	Colour	13-Dec-11	3 <MDL	TCU	N
December 17, 2010	Conductivity	8-Mar-11	655	uS/cm	N
December 17, 2010	Conductivity	21-Jun-11	616	uS/cm	N
December 17, 2010	Conductivity	12-Sep-11	575	uS/cm	N
December 17, 2010	Conductivity	13-Dec-11	576	uS/cm	N
December 17, 2010	Copper	21-Jun-11	1.7	µg/L	N
December 17, 2010	Cyanide	8-Mar-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	21-Jun-11	0.002	mg/L	N
December 17, 2010	Cyanide	12-Sep-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	13-Dec-11	0.002 <MDL	mg/L	N
December 17, 2010	De-ethylated atrazine	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Dissolved Organic Carbon	8-Mar-11	1.2	mg/L	N
December 17, 2010	Dissolved Organic Carbon	21-Jun-11	1.2	mg/L	N
December 17, 2010	Dissolved Organic Carbon	12-Sep-11	3.9	mg/L	N
December 17, 2010	Dissolved Organic Carbon	13-Dec-11	1.2	mg/L	N
December 17, 2010	Ethylbenzene	21-Jun-11	0.33 <MDL	µg/L	N
December 17, 2010	Field pH	29-Jun-11	6.9	units	N
December 17, 2010	field temp	29-Jun-11	10.3	celcius	N
December 17, 2010	Field Turbidity	29-Jun-11	0.26	mg/L	N
December 17, 2010	Fludioxonil	21-Jun-11	ND	µg/L	N
December 17, 2010	Free Chlorine	29-Jun-11	0	mg/L	N
December 17, 2010	Gross Alpha	21-Jun-11	0.1 <MDL	Bq/l	N
December 17, 2010	Gross Beta	21-Jun-11	0.1 <MDL	Bq/l	N

December 17, 2010	Hardness	8-Mar-11	307	mg/L as CaCO3	N
December 17, 2010	Hardness	21-Jun-11	307	mg/L as CaCO3	N
December 17, 2010	Hardness	12-Sep-11	280	mg/L as CaCO3	N
December 17, 2010	Hardness	13-Dec-11	290	mg/L as CaCO3	N
December 17, 2010	Hydrogen Sulphide	8-Mar-11	0.021	mg/L	N
December 17, 2010	Iron	21-Jun-11	229	µg/L	N
December 17, 2010	Langelier`s Index	8-Mar-11	0.64	@20C	N
December 17, 2010	Langelier`s Index	21-Jun-11	0.52	@20C	N
December 17, 2010	Langelier`s Index	12-Sep-11	0.75	@20C	N
December 17, 2010	Langelier`s Index	13-Dec-11	0.68	@20C	N
December 17, 2010	Magnesium	8-Mar-11	19.3	mg/L	N
December 17, 2010	Magnesium	21-Jun-11	19.1	mg/L	N
December 17, 2010	Magnesium	12-Sep-11	17.3	mg/L	N
December 17, 2010	Magnesium	13-Dec-11	17.5	mg/L	N
December 17, 2010	Manganese	21-Jun-11	158	µg/L	N
December 17, 2010	Nickel	21-Jun-11	2.4	µg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	8-Mar-11	0.09	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	21-Jun-11	0.14	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	12-Sep-11	0.05 <MDL	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	13-Dec-11	0.15	mg/L	N
December 17, 2010	Organic Nitrogen	8-Mar-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	21-Jun-11	0.13	mg/L	N
December 17, 2010	Organic Nitrogen	12-Sep-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	13-Dec-11	0.05	mg/L	N
December 17, 2010	pH	8-Mar-11	7.89	no unit	N
December 17, 2010	pH	21-Jun-11	7.82	no unit	N
December 17, 2010	pH	12-Sep-11	8.08	no unit	N
December 17, 2010	pH	13-Dec-11	8.07	no unit	N
December 17, 2010	Potassium	8-Mar-11	2.15	mg/L	N
December 17, 2010	Potassium	21-Jun-11	2.32	mg/L	N
December 17, 2010	Potassium	12-Sep-11	2.04	mg/L	N
December 17, 2010	Potassium	13-Dec-11	2.15	mg/L	N
December 17, 2010	Quintozene	21-Jun-11	ND	µg/L	N
December 17, 2010	Reactive Silica	12-Sep-11	6.11	mg/L	N
December 17, 2010	Reactive Silica	13-Dec-11	6.55	mg/L	N
December 17, 2010	Silica	8-Mar-11	8.26	mg/L	N
December 17, 2010	Silica Oxide	21-Jun-11	8.15	mg/L	N
December 17, 2010	Silver	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Solids (Total Dissolved)	8-Mar-11	379	mg/L	N
December 17, 2010	Solids (Total Dissolved)	21-Jun-11	403	mg/L	N
December 17, 2010	Solids (Total Dissolved)	12-Sep-11	326	mg/L	N
December 17, 2010	Solids (Total Dissolved)	13-Dec-11	311	mg/L	N
December 17, 2010	Sulphate	8-Mar-11	19	mg/L	N
December 17, 2010	Sulphate	21-Jun-11	16	mg/L	N
December 17, 2010	Sulphate	12-Sep-11	16	mg/L	N
December 17, 2010	Sulphate	13-Dec-11	17	mg/L	N
December 17, 2010	Sulphide	21-Jun-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	12-Sep-11	0.005	mg/L	N
December 17, 2010	Sulphide	13-Dec-11	0.004 <MDL	mg/L	N

December 17, 2010	2,4,5-TP (Silvex)	21-Jun-11	0.13 <MDL	µg/L	N
December 17, 2010	Toluene	21-Jun-11	0.36 <MDL	µg/L	N
December 17, 2010	Total Chlorine	29-Jun-11	0	mg/L	N
December 17, 2010	Total Phosphorus	8-Mar-11	0.03	mg/L	N
December 17, 2010	Total Phosphorus	21-Jun-11	0.02 <MDL	mg/L	N
December 17, 2010	Total Phosphorus	12-Sep-11	0.07	mg/L	N
December 17, 2010	Total Phosphorus	13-Dec-11	0.04	mg/L	N
December 17, 2010	Toxaphene	21-Jun-11	5 <MDL	µg/L	N
December 17, 2010	Tritium	21-Jun-11	15 <MDL	Bq/l	N
December 17, 2010	Turbidity	8-Mar-11	1.47	NTU	N
December 17, 2010	Turbidity	21-Jun-11	2.90	NTU	N
December 17, 2010	Turbidity	12-Sep-11	2.53	NTU	N
December 17, 2010	Turbidity	13-Dec-11	1.98	NTU	N
December 17, 2010	Xylene (Total)	21-Jun-11	0.39 <MDL	µg/L	N
December 17, 2010	m/p-xylene	21-Jun-11	0.39 <MDL	µg/L	N
December 17, 2010	o-xylene	21-Jun-11	0.17 <MDL	µg/L	N
December 17, 2010	Zinc	21-Jun-11	4	µg/L	N

SITE: Fanshawe Well #5 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	21-Jun-11	0.11	µg/L	N
December 17, 2010	Arsenic	21-Jun-11	0.4	µg/L	N
December 17, 2010	Barium	21-Jun-11	36.5	µg/L	N
December 17, 2010	Boron	21-Jun-11	85	µg/L	N
December 17, 2010	Cadmium	21-Jun-11	0.003 <MDL	µg/L	N
December 17, 2010	Chromium	21-Jun-11	0.5 <MDL	µg/L	N
December 17, 2010	Fluoride	22-Mar-11	0.12	mg/L	N
December 17, 2010	Fluoride	21-Jun-11	0.12	mg/L	N
December 17, 2010	Fluoride	12-Sep-11	0.09	mg/L	N
December 17, 2010	Fluoride	13-Dec-11	0.54	mg/L	N
December 17, 2010	Lead	21-Jun-11	0.30	µg/L	N
December 17, 2010	Mercury	21-Jun-11	0.02 <MDL	µg/L	N
December 17, 2010	Nitrate (as nitrogen)	22-Mar-11	1.73	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	21-Jun-11	0.773	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	12-Sep-11	0.538	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	13-Dec-11	0.909	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	21-Jun-11	0.778	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	12-Sep-11	0.538	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	13-Dec-11	0.909	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	22-Mar-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	21-Jun-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	12-Sep-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	13-Dec-11	0.005 <MDL	mg/L	N
December 17, 2010	Selenium	21-Jun-11	1	µg/L	N
December 17, 2010	Sodium	21-Jun-11	52.8	mg/L	N
December 17, 2010	Uranium	21-Jun-11	0.467	µg/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Alachlor	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Aldicarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin + Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Azinphos-methyl	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Bendiocarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Benzene	21-Jun-11	0.32	<MDL	µg/L	N
December 17, 2010	Benzo(a)pyrene	21-Jun-11	0.004	<MDL	µg/L	N
December 17, 2010	Bromoxynil	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Carbaryl	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbofuran	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbon tetrachloride	21-Jun-11	0.16	<MDL	µg/L	N
December 17, 2010	Chlordane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	a-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	g-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Oxychlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Chlorpyrifos	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Cyanazine	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Diazinon	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Dicamba	21-Jun-11	0.20	<MDL	µg/L	N
December 17, 2010	1,2-Dichlorobenzene	21-Jun-11	0.41	<MDL	µg/L	N
December 17, 2010	1,4-Dichlorobenzene	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	op-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDD	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDE	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	1,2-Dichloroethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Dichloromethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	21-Jun-11	0.19	<MDL	µg/L	N
December 17, 2010	Diclofop-methyl	21-Jun-11	0.40	<MDL	µg/L	N
December 17, 2010	Dimethoate	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Dinoseb	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Diquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Diuron	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Glyphosate	21-Jun-11	6	<MDL	µg/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Lindane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Malathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Methoxychlor	21-Jun-11	0.01	<MDL	µg/L	N

December 17, 2010	Metolachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Metribuzin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Monochlorobenzene	21-Jun-11	0.3	<MDL	µg/L	N
December 17, 2010	Paraquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Parathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Pentachlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	Phorate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Picloram	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	21-Jun-11	0.04	<MDL	µg/L	N
December 17, 2010	Prometryne	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Simazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Temephos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Terbufos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	21-Jun-11	0.14	<MDL	µg/L	N
December 17, 2010	Triallate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Trichloroethylene	21-Jun-11	0.43	<MDL	µg/L	N
December 17, 2010	2,4,6-trichlorophenol	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	21-Jun-11	0.22	<MDL	µg/L	N
December 17, 2010	Trifluralin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Trihalomethanes (total)	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Bromodichloromethane	21-Jun-11	0.26	<MDL	µg/L	N
December 17, 2010	Bromoform	21-Jun-11	0.34	<MDL	µg/L	N
December 17, 2010	Chloroform	21-Jun-11	0.29	<MDL	µg/L	N
December 17, 2010	Dibromochloromethane	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Vinyl Chloride	21-Jun-11	0.17	<MDL	µg/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Alkalinity	22-Mar-11	299		mg/L as CaCO3	N
December 17, 2010	Alkalinity	21-Jun-11	200		mg/L as CaCO3	N
December 17, 2010	Alkalinity	12-Sep-11	180		mg/L as CaCO3	N
December 17, 2010	Alkalinity	13-Dec-11	209		mg/L as CaCO3	N
December 17, 2010	Aluminum	21-Jun-11	0.3		µg/L	N
December 17, 2010	Ammonia+Ammonium (N)	22-Mar-11	0.08		mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	21-Jun-11	0.04	<MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	12-Sep-11	0.04	<MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	13-Dec-11	0.06		mg/L	N
December 17, 2010	Calcium	22-Mar-11	102		mg/L	N
December 17, 2010	Calcium	21-Jun-11	99.6		mg/L	N
December 17, 2010	Calcium	12-Sep-11	81.6		mg/L	N
December 17, 2010	Calcium	13-Dec-11	103		mg/L	N
December 17, 2010	Chloride	22-Mar-11	83		mg/L	N
December 17, 2010	Chloride	21-Jun-11	97		mg/L	N
December 17, 2010	Chloride	12-Sep-11	100		mg/L	N
December 17, 2010	Chloride	13-Dec-11	88		mg/L	N
December 17, 2010	Cobalt	21-Jun-11	0.183		µg/L	N
December 17, 2010	Colour	22-Mar-11	3	<MDL	TCU	N
December 17, 2010	Colour	21-Jun-11	3	<MDL	TCU	N
December 17, 2010	Colour	12-Sep-11	3	<MDL	TCU	N
December 17, 2010	Colour	13-Dec-11	3	<MDL	TCU	N
December 17, 2010	Conductivity	22-Mar-11	930		uS/cm	N
December 17, 2010	Conductivity	21-Jun-11	794		uS/cm	N
December 17, 2010	Conductivity	12-Sep-11	787		uS/cm	N
December 17, 2010	Conductivity	13-Dec-11	870		uS/cm	N
December 17, 2010	Copper	21-Jun-11	1.7		µg/L	N
December 17, 2010	Cyanide	22-Mar-11	0.002	<MDL	mg/L	N
December 17, 2010	Cyanide	21-Jun-11	0.002	<MDL	mg/L	N
December 17, 2010	Cyanide	12-Sep-11	0.002	<MDL	mg/L	N
December 17, 2010	Cyanide	13-Dec-11	0.002	<MDL	mg/L	N
December 17, 2010	De-ethylated atrazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Dissolved Organic Carbon	22-Mar-11	2.1		mg/L	N
December 17, 2010	Dissolved Organic Carbon	21-Jun-11	2.0		mg/L	N
December 17, 2010	Dissolved Organic Carbon	12-Sep-11	3.8		mg/L	N
December 17, 2010	Dissolved Organic Carbon	13-Dec-11	2.2		mg/L	N
December 17, 2010	Ethylbenzene	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Field pH	29-Jun-11	6.92		units	N
December 17, 2010	field temp	29-Jun-11	10		celcius	N
December 17, 2010	Field Turbidity	29-Jun-11	0.24		mg/L	N
December 17, 2010	Free Chlorine	29-Jun-11	0		mg/L	N
December 17, 2010	Gross Alpha	21-Jun-11	0.1	<MDL	Bq/l	N
December 17, 2010	Gross Beta	21-Jun-11	0.1	<MDL	Bq/l	N

December 17, 2010	Hardness	22-Mar-11	333	mg/L as CaCO3	N
December 17, 2010	Hardness	21-Jun-11	329	mg/L as CaCO3	N
December 17, 2010	Hardness	12-Sep-11	268	mg/L as CaCO3	N
December 17, 2010	Hardness	13-Dec-11	338	mg/L as CaCO3	N
December 17, 2010	Iron	21-Jun-11	38	µg/L	N
December 17, 2010	Langelier`s Index	22-Mar-11	0.60	@20C	N
December 17, 2010	Langelier`s Index	21-Jun-11	0.55	@20C	N
December 17, 2010	Langelier`s Index	12-Sep-11	0.54	@20C	N
December 17, 2010	Langelier`s Index	13-Dec-11	0.77	@20C	N
December 17, 2010	Magnesium	22-Mar-11	18.8	mg/L	N
December 17, 2010	Magnesium	21-Jun-11	19.6	mg/L	N
December 17, 2010	Magnesium	12-Sep-11	15.7	mg/L	N
December 17, 2010	Magnesium	13-Dec-11	19.2	mg/L	N
December 17, 2010	Manganese	21-Jun-11	1.09	µg/L	N
December 17, 2010	Nickel	21-Jun-11	2.2	µg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	22-Mar-11	0.19	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	21-Jun-11	0.08	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	12-Sep-11	0.25	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	13-Dec-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	22-Mar-11	0.11	mg/L	N
December 17, 2010	Organic Nitrogen	21-Jun-11	0.08	mg/L	N
December 17, 2010	Organic Nitrogen	12-Sep-11	0.25	mg/L	N
December 17, 2010	Organic Nitrogen	13-Dec-11	0.05 <MDL	mg/L	N
December 17, 2010	pH	22-Mar-11	7.78	no unit	N
December 17, 2010	pH	21-Jun-11	7.91	no unit	N
December 17, 2010	pH	12-Sep-11	8.03	no unit	N
December 17, 2010	pH	13-Dec-11	8.10	no unit	N
December 17, 2010	Potassium	22-Mar-11	2.36	mg/L	N
December 17, 2010	Potassium	21-Jun-11	2.32	mg/L	N
December 17, 2010	Potassium	12-Sep-11	2.42	mg/L	N
December 17, 2010	Potassium	13-Dec-11	3.06	mg/L	N
December 17, 2010	Reactive Silica	12-Sep-11	6.28	mg/L	N
December 17, 2010	Reactive Silica	13-Dec-11	7.82	mg/L	N
December 17, 2010	Silica	22-Mar-11	4.23	mg/L	N
December 17, 2010	Silica Oxide	21-Jun-11	8.01	mg/L	N
December 17, 2010	Silver	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Solids (Total Dissolved)	22-Mar-11	529	mg/L	N
December 17, 2010	Solids (Total Dissolved)	21-Jun-11	569	mg/L	N
December 17, 2010	Solids (Total Dissolved)	12-Sep-11	483	mg/L	N
December 17, 2010	Solids (Total Dissolved)	13-Dec-11	531	mg/L	N
December 17, 2010	Sulphate	22-Mar-11	53	mg/L	N
December 17, 2010	Sulphate	21-Jun-11	74	mg/L	N
December 17, 2010	Sulphate	12-Sep-11	54	mg/L	N
December 17, 2010	Sulphate	13-Dec-11	65	mg/L	N
December 17, 2010	Sulphide	22-Mar-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	21-Jun-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	12-Sep-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	13-Dec-11	0.004 <MDL	mg/L	N

December 17, 2010	2,4,5-TP (Silvex)	21-Jun-11	0.13 <MDL	µg/L	N
December 17, 2010	Toluene	21-Jun-11	0.36 <MDL	µg/L	N
December 17, 2010	Total Chlorine	29-Jun-11	0	mg/L	N
December 17, 2010	Total Phosphorus	22-Mar-11	0.02	mg/L	N
December 17, 2010	Total Phosphorus	21-Jun-11	0.02 <MDL	mg/L	N
December 17, 2010	Total Phosphorus	12-Sep-11	0.02 <MDL	mg/L	N
December 17, 2010	Total Phosphorus	13-Dec-11	0.06	mg/L	N
December 17, 2010	Toxaphene	21-Jun-11	5 <MDL	µg/L	N
December 17, 2010	Tritium	21-Jun-11	15 <MDL	Bq/l	N
December 17, 2010	Turbidity	22-Mar-11	0.56	NTU	N
December 17, 2010	Turbidity	21-Jun-11	0.33	NTU	N
December 17, 2010	Turbidity	12-Sep-11	0.93	NTU	N
December 17, 2010	Turbidity	13-Dec-11	0.54	NTU	N
December 17, 2010	Xylene (Total)	21-Jun-11	0.39 <MDL	µg/L	N
December 17, 2010	m/p-xylene	21-Jun-11	0.39 <MDL	µg/L	N
December 17, 2010	o-xylene	21-Jun-11	0.17 <MDL	µg/L	N
December 17, 2010	Zinc	21-Jun-11	2	µg/L	N

SITE: Fanshawe Well #6 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	21-Jun-11	0.21	µg/L	N
December 17, 2010	Arsenic	21-Jun-11	0.2	µg/L	N
December 17, 2010	Barium	21-Jun-11	213	µg/L	N
December 17, 2010	Boron	21-Jun-11	11	µg/L	N
December 17, 2010	Cadmium	21-Jun-11	0.009	µg/L	N
December 17, 2010	Chromium	21-Jun-11	0.5 <MDL	µg/L	N
December 17, 2010	Fluoride	8-Mar-11	0.11	mg/L	N
December 17, 2010	Fluoride	21-Jun-11	0.09	mg/L	N
December 17, 2010	Fluoride	12-Sep-11	0.09	mg/L	N
December 17, 2010	Fluoride	13-Dec-11	4.66	mg/L	N
December 17, 2010	Lead	21-Jun-11	0.31	µg/L	N
December 17, 2010	Mercury	21-Jun-11	0.02 <MDL	µg/L	N
December 17, 2010	Nitrate (as nitrogen)	8-Mar-11	0.373	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	21-Jun-11	0.200	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	12-Sep-11	0.013 <MDL	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	13-Dec-11	0.020	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	8-Mar-11	0.373	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	21-Jun-11	0.200	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	12-Sep-11	0.013 <MDL	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	13-Dec-11	0.020	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	8-Mar-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	21-Jun-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	12-Sep-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	13-Dec-11	0.005 <MDL	mg/L	N
December 17, 2010	Selenium	21-Jun-11	1 <MDL	µg/L	N
December 17, 2010	Sodium*	21-Jun-11	7.28	mg/L	N
December 17, 2010	Uranium	21-Jun-11	0.380	µg/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Alachlor	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Aldicarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin + Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Aldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Dieldrin	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Azinphos-methyl	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Bendiocarb	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Benzene	21-Jun-11	0.32	<MDL	µg/L	N
December 17, 2010	Benzo(a)pyrene	21-Jun-11	0.004	<MDL	µg/L	N
December 17, 2010	Bromoxynil	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Carbaryl	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbofuran	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Carbon tetrachloride	21-Jun-11	0.16	<MDL	µg/L	N
December 17, 2010	Chlordane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	a-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	g-chlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Oxychlordane	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Chlorpyrifos	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Cyanazine	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Diazinon	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Dicamba	21-Jun-11	0.20	<MDL	µg/L	N
December 17, 2010	1,2-Dichlorobenzene	21-Jun-11	0.41	<MDL	µg/L	N
December 17, 2010	1,4-Dichlorobenzene	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	op-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDD	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDE	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	pp-DDT	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	1,2-Dichloroethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	21-Jun-11	0.33	<MDL	µg/L	N
December 17, 2010	Dichloromethane	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	21-Jun-11	0.19	<MDL	µg/L	N
December 17, 2010	Diclofop-methyl	21-Jun-11	0.40	<MDL	µg/L	N
December 17, 2010	Dimethoate	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Dinoseb	21-Jun-11	0.36	<MDL	µg/L	N
December 17, 2010	Diquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Diuron	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Glyphosate	21-Jun-11	6	<MDL	µg/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Heptachlor epoxide	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Lindane (Total)	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Malathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Methoxychlor	21-Jun-11	0.01	<MDL	µg/L	N

December 17, 2010	Metolachlor	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Metribuzin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Monochlorobenzene	21-Jun-11	0.3	<MDL	µg/L	N
December 17, 2010	Paraquat	21-Jun-11	1	<MDL	µg/L	N
December 17, 2010	Parathion	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Pentachlorophenol	21-Jun-11	0.15	<MDL	µg/L	N
December 17, 2010	Phorate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Picloram	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	21-Jun-11	0.04	<MDL	µg/L	N
December 17, 2010	Prometryne	21-Jun-11	0.03	<MDL	µg/L	N
December 17, 2010	Simazine	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Temephos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Terbufos	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	21-Jun-11	0.35	<MDL	µg/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	21-Jun-11	0.14	<MDL	µg/L	N
December 17, 2010	Triallate	21-Jun-11	0.01	<MDL	µg/L	N
December 17, 2010	Trichloroethylene	21-Jun-11	0.43	<MDL	µg/L	N
December 17, 2010	2,4,6-trichlorophenol	21-Jun-11	0.25	<MDL	µg/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	21-Jun-11	0.22	<MDL	µg/L	N
December 17, 2010	Trifluralin	21-Jun-11	0.02	<MDL	µg/L	N
December 17, 2010	Trihalomethanes (total)	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Bromodichloromethane	21-Jun-11	0.26	<MDL	µg/L	N
December 17, 2010	Bromoform	21-Jun-11	0.34	<MDL	µg/L	N
December 17, 2010	Chloroform	21-Jun-11	0.29	<MDL	µg/L	N
December 17, 2010	Dibromochloromethane	21-Jun-11	0.37	<MDL	µg/L	N
December 17, 2010	Vinyl Chloride	21-Jun-11	0.17	<MDL	µg/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	8-Mar-11	298	mg/L as CaCO3	N
December 17, 2010	Alkalinity	21-Jun-11	198	mg/L as CaCO3	N
December 17, 2010	Alkalinity	12-Sep-11	194	mg/L as CaCO3	N
December 17, 2010	Alkalinity	13-Dec-11	268	mg/L as CaCO3	N
December 17, 2010	Aluminum	21-Jun-11	0.2 <MDL	µg/L	N
December 17, 2010	Ammonia+Ammonium (N)	8-Mar-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	21-Jun-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	12-Sep-11	0.04 <MDL	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	13-Dec-11	0.08	mg/L	N
December 17, 2010	Azoxystrobin	21-Jun-11	ND	µg/L	N
December 17, 2010	Calcium	8-Mar-11	109	mg/L	N
December 17, 2010	Calcium	21-Jun-11	70.3	mg/L	N
December 17, 2010	Calcium	12-Sep-11	70.5	mg/L	N
December 17, 2010	Calcium	13-Dec-11	89.2	mg/L	N
December 17, 2010	Chloride	8-Mar-11	29	mg/L	N
December 17, 2010	Chloride	21-Jun-11	10	mg/L	N
December 17, 2010	Chloride	12-Sep-11	13	mg/L	N
December 17, 2010	Chloride	13-Dec-11	17	mg/L	N
December 17, 2010	Chlorothalonil	21-Jun-11	ND	µg/L	N
December 17, 2010	Cobalt	21-Jun-11	0.374	µg/L	N
December 17, 2010	Colour	8-Mar-11	3 <MDL	TCU	N
December 17, 2010	Colour	21-Jun-11	3 <MDL	TCU	N
December 17, 2010	Colour	12-Sep-11	3 <MDL	TCU	N
December 17, 2010	Colour	13-Dec-11	3 <MDL	TCU	N
December 17, 2010	Conductivity	8-Mar-11	684	uS/cm	N
December 17, 2010	Conductivity	21-Jun-11	453	uS/cm	N
December 17, 2010	Conductivity	12-Sep-11	447	uS/cm	N
December 17, 2010	Conductivity	13-Dec-11	550	uS/cm	N
December 17, 2010	Copper	21-Jun-11	5.0	µg/L	N
December 17, 2010	Cyanide	8-Mar-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	21-Jun-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	12-Sep-11	0.002 <MDL	mg/L	N
December 17, 2010	Cyanide	13-Dec-11	0.002 <MDL	mg/L	N
December 17, 2010	De-ethylated atrazine	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Dissolved Organic Carbon	8-Mar-11	1.3	mg/L	N
December 17, 2010	Dissolved Organic Carbon	21-Jun-11	0.3	mg/L	N
December 17, 2010	Dissolved Organic Carbon	12-Sep-11	3.7	mg/L	N
December 17, 2010	Dissolved Organic Carbon	13-Dec-11	1.8	mg/L	N
December 17, 2010	Ethylbenzene	21-Jun-11	0.33 <MDL	µg/L	N
December 17, 2010	Field pH	29-Jun-11	6.95	units	N
December 17, 2010	field temp	29-Jun-11	10.1	celcius	N
December 17, 2010	Field Turbidity	29-Jun-11	0.16	mg/L	N
December 17, 2010	Fludioxonil	21-Jun-11	ND	µg/L	N
December 17, 2010	Free Chlorine	29-Jun-11	0	mg/L	N
December 17, 2010	Gross Alpha	21-Jun-11	0.1 <MDL	Bq/l	N
December 17, 2010	Gross Beta	21-Jun-11	0.1 <MDL	Bq/l	N

December 17, 2010	Hardness	8-Mar-11	359	mg/L as CaCO3	N
December 17, 2010	Hardness	21-Jun-11	231	mg/L as CaCO3	N
December 17, 2010	Hardness	12-Sep-11	231	mg/L as CaCO3	N
December 17, 2010	Hardness	13-Dec-11	290	mg/L as CaCO3	N
December 17, 2010	Hydrogen Sulphide	8-Mar-11	0.004 <MDL	mg/L	N
December 17, 2010	Iron	21-Jun-11	8	µg/L	N
December 17, 2010	Langelier`s Index	8-Mar-11	0.69	@20C	N
December 17, 2010	Langelier`s Index	21-Jun-11	0.36	@20C	N
December 17, 2010	Langelier`s Index	12-Sep-11	0.53	@20C	N
December 17, 2010	Langelier`s Index	13-Dec-11	0.72	@20C	N
December 17, 2010	Magnesium	8-Mar-11	21.3	mg/L	N
December 17, 2010	Magnesium	21-Jun-11	13.6	mg/L	N
December 17, 2010	Magnesium	12-Sep-11	13.3	mg/L	N
December 17, 2010	Magnesium	13-Dec-11	16.4	mg/L	N
December 17, 2010	Manganese	21-Jun-11	99.8	µg/L	N
December 17, 2010	Nickel	21-Jun-11	1.8	µg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	8-Mar-11	0.3	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	21-Jun-11	0.05	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	12-Sep-11	0.16	mg/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	13-Dec-11	0.05	mg/L	N
December 17, 2010	Organic Nitrogen	8-Mar-11	0.34	mg/L	N
December 17, 2010	Organic Nitrogen	21-Jun-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	12-Sep-11	0.13	mg/L	N
December 17, 2010	Organic Nitrogen	13-Dec-11	0.05 <MDL	mg/L	N
December 17, 2010	pH	8-Mar-11	7.83	no unit	N
December 17, 2010	pH	21-Jun-11	7.85	no unit	N
December 17, 2010	pH	12-Sep-11	8.02	no unit	N
December 17, 2010	pH	13-Dec-11	7.98	no unit	N
December 17, 2010	Potassium	8-Mar-11	3.03	mg/L	N
December 17, 2010	Potassium	21-Jun-11	2.03	mg/L	N
December 17, 2010	Potassium	12-Sep-11	2.10	mg/L	N
December 17, 2010	Potassium	13-Dec-11	2.88	mg/L	N
December 17, 2010	Quintozene	21-Jun-11	ND	µg/L	N
December 17, 2010	Reactive Silica	12-Sep-11	5.62	mg/L	N
December 17, 2010	Reactive Silica	13-Dec-11	7.36	mg/L	N
December 17, 2010	Silica	8-Mar-11	9.11	mg/L	N
December 17, 2010	Silica Oxide	21-Jun-11	6.89	mg/L	N
December 17, 2010	Silver	21-Jun-11	0.01 <MDL	µg/L	N
December 17, 2010	Solids (Total Dissolved)	8-Mar-11	409	mg/L	N
December 17, 2010	Solids (Total Dissolved)	21-Jun-11	286	mg/L	N
December 17, 2010	Solids (Total Dissolved)	12-Sep-11	257	mg/L	N
December 17, 2010	Solids (Total Dissolved)	13-Dec-11	329	mg/L	N
December 17, 2010	Sulphate	8-Mar-11	16	mg/L	N
December 17, 2010	Sulphate	21-Jun-11	11	mg/L	N
December 17, 2010	Sulphate	12-Sep-11	6.7	mg/L	N
December 17, 2010	Sulphate	13-Dec-11	9.1	mg/L	N
December 17, 2010	Sulphide	21-Jun-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	12-Sep-11	0.004 <MDL	mg/L	N
December 17, 2010	Sulphide	13-Dec-11	0.004 <MDL	mg/L	N

December 17, 2010	2,4,5-TP (Silvex)	21-Jun-11	0.13 <MDL	µg/L	N
December 17, 2010	Toluene	21-Jun-11	0.36 <MDL	µg/L	N
December 17, 2010	Total Chlorine	29-Jun-11	0	mg/L	N
December 17, 2010	Total Phosphorus	8-Mar-11	0.06	mg/L	N
December 17, 2010	Total Phosphorus	21-Jun-11	0.02 <MDL	mg/L	N
December 17, 2010	Total Phosphorus	12-Sep-11	0.02 <MDL	mg/L	N
December 17, 2010	Total Phosphorus	13-Dec-11	0.05	mg/L	N
December 17, 2010	Toxaphene	21-Jun-11	5 <MDL	µg/L	N
December 17, 2010	Tritium	21-Jun-11	15 <MDL	Bq/l	N
December 17, 2010	Turbidity	8-Mar-11	0.26	NTU	N
December 17, 2010	Turbidity	21-Jun-11	0.13 <MDL	NTU	N
December 17, 2010	Turbidity	12-Sep-11	0.28	NTU	N
December 17, 2010	Turbidity	13-Dec-11	0.45	NTU	N
December 17, 2010	Xylene (Total)	21-Jun-11	0.39 <MDL	µg/L	N
December 17, 2010	m/p-xylene	21-Jun-11	0.39 <MDL	µg/L	N
December 17, 2010	o-xylene	21-Jun-11	0.17 <MDL	µg/L	N
December 17, 2010	Zinc	21-Jun-11	4	µg/L	N

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

As outlined below, sampling was carried out for inorganic and organic parameters at the following sites: Arva Pumping Station, Highbury Ave. at Dingman Dr.

SITE: Arva Pumping Station - Treated Distribution

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	21-Jun-11	0.13	ug/L	N
December 17, 2010	Arsenic	21-Jun-11	0.6	ug/L	N
December 17, 2010	Barium	21-Jun-11	13.4	ug/L	N
December 17, 2010	Boron	21-Jun-11	14	ug/L	N
December 17, 2010	Cadmium	21-Jun-11	0.004	ug/L	N
December 17, 2010	Chromium	21-Jun-11	0.5	ug/L	N
December 17, 2010	Fluoride	5-Jan-11	0.74	mg/L	N
December 17, 2010	Fluoride	12-Jan-11	0.69	mg/L	N
December 17, 2010	Fluoride	19-Jan-11	0.73	mg/L	N
December 17, 2010	Fluoride	26-Jan-11	0.66	mg/L	N
December 17, 2010	Fluoride	2-Feb-11	0.65	mg/L	N
December 17, 2010	Fluoride	9-Feb-11	0.66	mg/L	N
December 17, 2010	Fluoride	16-Feb-11	0.71	mg/L	N
December 17, 2010	Fluoride	23-Feb-11	0.57	mg/L	N
December 17, 2010	Fluoride	2-Mar-11	0.68	mg/L	N
December 17, 2010	Fluoride	9-Mar-11	0.76	mg/L	N
December 17, 2010	Fluoride	16-Mar-11	0.63	mg/L	N
December 17, 2010	Fluoride	23-Mar-11	0.67	mg/L	N
December 17, 2010	Fluoride	30-Mar-11	0.60	mg/L	N
December 17, 2010	Fluoride	6-Apr-11	0.60	mg/L	N
December 17, 2010	Fluoride	13-Apr-11	0.68	mg/L	N
December 17, 2010	Fluoride	20-Apr-11	0.65	mg/L	N
December 17, 2010	Fluoride	27-Apr-11	0.71	mg/L	N
December 17, 2010	Fluoride	4-May-11	0.67	mg/L	N
December 17, 2010	Fluoride	11-May-11	0.64	mg/L	N
December 17, 2010	Fluoride	18-May-11	0.62	mg/L	N
December 17, 2010	Fluoride	1-Jun-11	0.71	mg/L	N
December 17, 2010	Fluoride	8-Jun-11	0.66	mg/L	N
December 17, 2010	Fluoride	15-Jun-11	0.68	mg/L	N
December 17, 2010	Fluoride	21-Jun-11	0.59	mg/L	N
December 17, 2010	Fluoride	22-Jun-11	0.66	mg/L	N
December 17, 2010	Fluoride	29-Jun-11	0.64	mg/L	N
December 17, 2010	Fluoride	6-Jul-11	0.58	mg/L	N
December 17, 2010	Fluoride	13-Jul-11	0.56	mg/L	N
December 17, 2010	Fluoride	27-Jul-11	0.66	mg/L	N
December 17, 2010	Fluoride	3-Aug-11	0.67	mg/L	N
December 17, 2010	Fluoride	10-Aug-11	0.64	mg/L	N

December 17, 2010	Fluoride	17-Aug-11	0.71	mg/L	N
December 17, 2010	Fluoride	24-Aug-11	0.63	mg/L	N
December 17, 2010	Fluoride	31-Aug-11	0.66	mg/L	N
December 17, 2010	Fluoride	7-Sep-11	0.54	mg/L	N
December 17, 2010	Fluoride	14-Sep-11	0.68	mg/L	N
December 17, 2010	Fluoride	21-Sep-11	0.75	mg/L	N
December 17, 2010	Fluoride	28-Sep-11	1.04	mg/L	N
December 17, 2010	Fluoride	28-Sep-11	1.02	mg/L	N
December 17, 2010	Fluoride	5-Oct-11	0.70	mg/L	N
December 17, 2010	Fluoride	12-Oct-11	0.69	mg/L	N
December 17, 2010	Fluoride	19-Oct-11	0.74	mg/L	N
December 17, 2010	Fluoride	26-Oct-11	0.71	mg/L	N
December 17, 2010	Fluoride	2-Nov-11	0.74	mg/L	N
December 17, 2010	Fluoride	9-Nov-11	0.81	mg/L	N
December 17, 2010	Fluoride	16-Nov-11	0.74	mg/L	N
December 17, 2010	Fluoride	23-Nov-11	0.68	mg/L	N
December 17, 2010	Fluoride	30-Nov-11	0.76	mg/L	N
December 17, 2010	Fluoride	7-Dec-11	0.70	mg/L	N
December 17, 2010	Fluoride	14-Dec-11	0.85	mg/L	N
December 17, 2010	Fluoride	21-Dec-11	0.70	mg/L	N
December 17, 2010	Fluoride	28-Dec-11	0.71	mg/L	N
December 17, 2010	Lead	21-Jun-11	0.02	ug/L	N
December 17, 2010	Mercury	21-Jun-11	0.02 <MDL	ug/L	N
December 17, 2010	Nitrate (as nitrogen)	8-Mar-11	0.710	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	21-Jun-11	0.372	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	12-Sep-11	0.324	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	13-Dec-11	0.435	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	8-Mar-11	0.710	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	21-Jun-11	0.372	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	12-Sep-11	0.324	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	13-Dec-11	0.435	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	8-Mar-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	21-Jun-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	12-Sep-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	13-Dec-11	0.005 <MDL	mg/L	N
December 17, 2010	Selenium	21-Jun-11	1 <MDL	ug/L	N
December 17, 2010	Sodium	21-Jun-11	11.6	mg/L	N
December 17, 2010	Uranium	21-Jun-11	0.023	ug/L	N

b) ORGANIC PARAMETERS (including THM)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Alachlor	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Aldicarb	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Aldrin + Dieldrin	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Aldrin	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Dieldrin	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Atrazine	21-Jun-11	0.03		ug/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	21-Jun-11	0.04		ug/L	N
December 17, 2010	Azinphos-methyl	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Bendiocarb	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Benzene	21-Jun-11	0.32	<MDL	ug/L	N
December 17, 2010	Benzo(a)pyrene	21-Jun-11	0.004	<MDL	ug/L	N
December 17, 2010	Bromoxynil	21-Jun-11	0.33	<MDL	ug/L	N
December 17, 2010	Carbaryl	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Carbofuran	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Carbon tetrachloride	21-Jun-11	0.16	<MDL	ug/L	N
December 17, 2010	Chlordane (Total)	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	a-chlordane	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	g-chlordane	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Oxychlordane	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Chlorpyrifos	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Cyanazine	21-Jun-11	0.03	<MDL	ug/L	N
December 17, 2010	Diazinon	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Dicamba	21-Jun-11	0.20	<MDL	ug/L	N
December 17, 2010	1,2-Dichlorobenzene	21-Jun-11	0.41	<MDL	ug/L	N
December 17, 2010	1,4-Dichlorobenzene	21-Jun-11	0.36	<MDL	ug/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	op-DDT	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	pp-DDD	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	pp-DDE	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	pp-DDT	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	1,2-Dichloroethane	21-Jun-11	0.35	<MDL	ug/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	21-Jun-11	0.33	<MDL	ug/L	N
December 17, 2010	Dichloromethane	21-Jun-11	0.35	<MDL	ug/L	N
December 17, 2010	2,4-dichlorophenol	21-Jun-11	0.15	<MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	21-Jun-11	0.19	<MDL	ug/L	N
December 17, 2010	Diclofop-methyl	21-Jun-11	0.40	<MDL	ug/L	N
December 17, 2010	Dimethoate	21-Jun-11	0.03	<MDL	ug/L	N
December 17, 2010	Dinoseb	21-Jun-11	0.36	<MDL	ug/L	N
December 17, 2010	Diquat	21-Jun-11	1	<MDL	ug/L	N
December 17, 2010	Diuron	21-Jun-11	0.03	<MDL	ug/L	N
December 17, 2010	Glyphosate	21-Jun-11	6	<MDL	ug/L	N
December 17, 2010	Heptachlor	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Heptachlor epoxide	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Lindane (Total)	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Malathion	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Methoxychlor	21-Jun-11	0.01	<MDL	ug/L	N

December 17, 2010	Metolachlor	21-Jun-11	0.02		ug/L	N
December 17, 2010	Metribuzin	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Monochlorobenzene	21-Jun-11	0.3	<MDL	ug/L	N
December 17, 2010	Paraquat	21-Jun-11	1	<MDL	ug/L	N
December 17, 2010	Parathion	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Pentachlorophenol	21-Jun-11	0.15	<MDL	ug/L	N
December 17, 2010	Phorate	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Picloram	21-Jun-11	0.25	<MDL	ug/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	21-Jun-11	0.04	<MDL	ug/L	N
December 17, 2010	Prometryne	21-Jun-11	0.03	<MDL	ug/L	N
December 17, 2010	Simazine	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Temephos	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Terbufos	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	21-Jun-11	0.35	<MDL	ug/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	21-Jun-11	0.14	<MDL	ug/L	N
December 17, 2010	Triallate	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Trichloroethylene	21-Jun-11	0.43	<MDL	ug/L	N
December 17, 2010	2,4,6-trichlorophenol	21-Jun-11	0.25	<MDL	ug/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	21-Jun-11	0.22	<MDL	ug/L	N
December 17, 2010	Trifluralin	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Trihalomethanes (total)	8-Mar-11	15		ug/L	N
December 17, 2010	Bromodichloromethane	8-Mar-11	4.9		ug/L	N
December 17, 2010	Bromoform	8-Mar-11	0.34	<MDL	ug/L	N
December 17, 2010	Chloroform	8-Mar-11	7.6		ug/L	N
December 17, 2010	Dibromochloromethane	8-Mar-11	2.2		ug/L	N
December 17, 2010	Trihalomethanes (total)	21-Jun-11	21		ug/L	N
December 17, 2010	Bromodichloromethane	21-Jun-11	6.7		ug/L	N
December 17, 2010	Bromoform	21-Jun-11	0.34	<MDL	ug/L	N
December 17, 2010	Chloroform	21-Jun-11	12		ug/L	N
December 17, 2010	Dibromochloromethane	21-Jun-11	2.8		ug/L	N
December 17, 2010	Trihalomethanes (total)	12-Sep-11	29		ug/L	N
December 17, 2010	Bromodichloromethane	12-Sep-11	8.2		ug/L	N
December 17, 2010	Bromoform	12-Sep-11	0.45		ug/L	N
December 17, 2010	Chloroform	12-Sep-11	16		ug/L	N
December 17, 2010	Dibromochloromethane	12-Sep-11	4.5		ug/L	N
December 17, 2010	Trihalomethanes (total)	13-Dec-11	18		ug/L	N
December 17, 2010	Bromodichloromethane	13-Dec-11	6.0		ug/L	N
December 17, 2010	Bromoform	13-Dec-11	0.34	<MDL	ug/L	N
December 17, 2010	Chloroform	13-Dec-11	9.7		ug/L	N
December 17, 2010	Dibromochloromethane	13-Dec-11	2.6		ug/L	N
December 17, 2010	Vinyl Chloride	21-Jun-11	0.17	<MDL	ug/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	21-Jun-11	72	mg/L as CaCO3	N
December 17, 2010	Aluminum	21-Jun-11	30.8	ug/L	N
December 17, 2010	Ammonia+Ammonium (N)	21-Jun-11	0.04 <MDL	mg/L	N
December 17, 2010	Calcium	21-Jun-11	25.8	mg/L	N
December 17, 2010	Chloride	21-Jun-11	8.3	mg/L	N
December 17, 2010	Cobalt	21-Jun-11	0.085	ug/L	N
December 17, 2010	Colour	21-Jun-11	3 <MDL	TCU	N
December 17, 2010	Conductivity	21-Jun-11	249	uS/cm	N
December 17, 2010	Copper	21-Jun-11	3.3	ug/L	N
December 17, 2010	Cyanide	21-Jun-11	0.002 <MDL	mg/L	N
December 17, 2010	De-ethylated atrazine	21-Jun-11	0.01	ug/L	N
December 17, 2010	Dissolved Organic Carbon	21-Jun-11	0.9	mg/L	N
December 17, 2010	Ethylbenzene	21-Jun-11	0.33 <MDL	ug/L	N
December 17, 2010	Field pH	29-Jun-11	8.33	units	N
December 17, 2010	field temp	29-Jun-11	16	celcius	N
December 17, 2010	Field Turbidity	29-Jun-11	0.11	mg/L	N
December 17, 2010	Gross Alpha	21-Jun-11	0.10 <MDL	Bq/l	N
December 17, 2010	Gross Beta	21-Jun-11	0.10 <MDL	Bq/l	N
December 17, 2010	Hardness	21-Jun-11	95.4	mg/L as CaCO3	N
December 17, 2010	Iron	21-Jun-11	2 <MDL	ug/L	N
December 17, 2010	Langelier`s Index	21-Jun-11	-0.34	@20C	N
December 17, 2010	Magnesium	21-Jun-11	7.52	mg/L	N
December 17, 2010	Manganese	21-Jun-11	0.23	ug/L	N
December 17, 2010	Nickel	21-Jun-11	0.5	ug/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	21-Jun-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	21-Jun-11	0.05 <MDL	mg/L	N
December 17, 2010	pH	21-Jun-11	7.99	no unit	N
December 17, 2010	Potassium	21-Jun-11	1.06	mg/L	N
December 17, 2010	Silica Oxide	21-Jun-11	1.51	mg/L	N
December 17, 2010	Silver	21-Jun-11	0.01 <MDL	ug/L	N
December 17, 2010	Solids (Total Dissolved)	21-Jun-11	123	mg/L	N
December 17, 2010	Sulphate	21-Jun-11	31	mg/L	N
December 17, 2010	Sulphide	21-Jun-11	0.004 <MDL	mg/L	N
December 17, 2010	Temperature	17-Nov-11	13.1	℃	N
December 17, 2010	Toluene	21-Jun-11	0.36 <MDL	ug/L	N
December 17, 2010	Total Chlorine	29-Jun-11	1.02	mg/L	N
December 17, 2010	Total Phosphorus	21-Jun-11	0.03	mg/L	N
December 17, 2010	Toxaphene	21-Jun-11	5.00 <MDL	ug/L	N
December 17, 2010	2,4,5-TP (Silvex)	21-Jun-11	0.13 <MDL	ug/L	N
December 17, 2010	Tritium	21-Jun-11	15.00 <MDL	Bq/l	N
December 17, 2010	Turbidity	21-Jun-11	0.13 <MDL	NTU	N
December 17, 2010	Xylene (Total)	21-Jun-11	0.39 <MDL	ug/L	N
December 17, 2010	m/p-xylene	21-Jun-11	0.39 <MDL	ug/L	N
December 17, 2010	o-xylene	21-Jun-11	0.17 <MDL	ug/L	N
December 17, 2010	Zinc	21-Jun-11	4	ug/L	N

SITE: Highbury Ave. at Dingman Dr. - Treated Distribution

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	21-Jun-11	0.15	ug/L	N
December 17, 2010	Arsenic	21-Jun-11	0.8	ug/L	N
December 17, 2010	Barium	21-Jun-11	219	ug/L	N
December 17, 2010	Boron	21-Jun-11	21	ug/L	N
December 17, 2010	Cadmium	21-Jun-11	0.015	ug/L	N
December 17, 2010	Chromium	21-Jun-11	0.5 <MDL	ug/L	N
December 17, 2010	Fluoride	5-Jan-11	0.60	mg/L	N
December 17, 2010	Fluoride	12-Jan-11	0.56	mg/L	N
December 17, 2010	Fluoride	19-Jan-11	0.62	mg/L	N
December 17, 2010	Fluoride	26-Jan-11	0.52	mg/L	N
December 17, 2010	Fluoride	2-Feb-11	0.51	mg/L	N
December 17, 2010	Fluoride	9-Feb-11	0.57	mg/L	N
December 17, 2010	Fluoride	16-Feb-11	0.63	mg/L	N
December 17, 2010	Fluoride	23-Feb-11	0.45	mg/L	N
December 17, 2010	Fluoride	2-Mar-11	0.59	mg/L	N
December 17, 2010	Fluoride	9-Mar-11	0.61	mg/L	N
December 17, 2010	Fluoride	16-Mar-11	0.54	mg/L	N
December 17, 2010	Fluoride	23-Mar-11	0.51	mg/L	N
December 17, 2010	Fluoride	30-Mar-11	0.44	mg/L	N
December 17, 2010	Fluoride	6-Apr-11	0.54	mg/L	N
December 17, 2010	Fluoride	13-Apr-11	0.55	mg/L	N
December 17, 2010	Fluoride	20-Apr-11	0.55	mg/L	N
December 17, 2010	Fluoride	27-Apr-11	0.54	mg/L	N
December 17, 2010	Fluoride	4-May-11	0.54	mg/L	N
December 17, 2010	Fluoride	11-May-11	0.56	mg/L	N
December 17, 2010	Fluoride	18-May-11	0.50	mg/L	N
December 17, 2010	Fluoride	25-May-11	0.59	mg/L	N
December 17, 2010	Fluoride	1-Jun-11	0.57	mg/L	N
December 17, 2010	Fluoride	8-Jun-11	0.60	mg/L	N
December 17, 2010	Fluoride	15-Jun-11	0.57	mg/L	N
December 17, 2010	Fluoride	21-Jun-11	0.55	mg/L	N
December 17, 2010	Fluoride	22-Jun-11	0.57	mg/L	N
December 17, 2010	Fluoride	29-Jun-11	0.54	mg/L	N
December 17, 2010	Fluoride	6-Jul-11	0.50	mg/L	N
December 17, 2010	Fluoride	13-Jul-11	0.51	mg/L	N
December 17, 2010	Fluoride	27-Jul-11	0.52	mg/L	N
December 17, 2010	Fluoride	3-Aug-11	0.53	mg/L	N
December 17, 2010	Fluoride	10-Aug-11	0.56	mg/L	N

December 17, 2010	Fluoride	17-Aug-11	0.68	mg/L	N
December 17, 2010	Fluoride	24-Aug-11	0.60	mg/L	N
December 17, 2010	Fluoride	31-Aug-11	0.63	mg/L	N
December 17, 2010	Fluoride	7-Sep-11	0.44	mg/L	N
December 17, 2010	Fluoride	14-Sep-11	0.73	mg/L	N
December 17, 2010	Fluoride	21-Sep-11	0.72	mg/L	N
December 17, 2010	Fluoride	28-Sep-11	0.63	mg/L	N
December 17, 2010	Fluoride	5-Oct-11	0.65	mg/L	N
December 17, 2010	Fluoride	12-Oct-11	0.64	mg/L	N
December 17, 2010	Fluoride	19-Oct-11	0.64	mg/L	N
December 17, 2010	Fluoride	26-Oct-11	0.59	mg/L	N
December 17, 2010	Fluoride	2-Nov-11	0.59	mg/L	N
December 17, 2010	Fluoride	9-Nov-11	0.67	mg/L	N
December 17, 2010	Fluoride	16-Nov-11	0.63	mg/L	N
December 17, 2010	Fluoride	23-Nov-11	0.61	mg/L	N
December 17, 2010	Fluoride	30-Nov-11	0.64	mg/L	N
December 17, 2010	Fluoride	7-Dec-11	0.61	mg/L	N
December 17, 2010	Fluoride	14-Dec-11	0.52	mg/L	N
December 17, 2010	Fluoride	21-Dec-11	0.57	mg/L	N
December 17, 2010	Fluoride	28-Dec-11	0.69	mg/L	N
December 17, 2010	Lead	21-Jun-11	0.02 <MDL	ug/L	N
December 17, 2010	Mercury	21-Jun-11	0.02 <MDL	ug/L	N
December 17, 2010	Nitrate (as nitrogen)	8-Mar-11	0.261	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	21-Jun-11	0.078	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	12-Sep-11	0.204	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	13-Dec-11	0.254	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	8-Mar-11	0.261	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	21-Jun-11	0.078	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	12-Sep-11	0.204	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	13-Dec-11	0.254	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	8-Mar-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	21-Jun-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	12-Sep-11	0.005 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	13-Dec-11	0.005 <MDL	mg/L	N
December 17, 2010	Selenium	21-Jun-11	1 <MDL	ug/L	N
December 17, 2010	Sodium	21-Jun-11	8.57	mg/L	N
December 17, 2010	Uranium	21-Jun-11	0.058	ug/L	N

b) ORGANIC PARAMETERS (including THM)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Alachlor	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Aldicarb	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Aldrin + Dieldrin	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Aldrin	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Dieldrin	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Atrazine	21-Jun-11	0.06		ug/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	21-Jun-11	0.09		ug/L	N
December 17, 2010	Azinphos-methyl	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Bendiocarb	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Benzene	21-Jun-11	0.32	<MDL	ug/L	N
December 17, 2010	Benzo(a)pyrene	21-Jun-11	0.004	<MDL	ug/L	N
December 17, 2010	Bromoxynil	21-Jun-11	0.33	<MDL	ug/L	N
December 17, 2010	Carbaryl	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Carbofuran	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Carbon tetrachloride	21-Jun-11	0.16	<MDL	ug/L	N
December 17, 2010	Chlordane (Total)	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	a-chlordane	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	g-chlordane	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Oxychlordane	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Chlorpyrifos	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Cyanazine	21-Jun-11	0.03	<MDL	ug/L	N
December 17, 2010	Diazinon	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Dicamba	21-Jun-11	0.20	<MDL	ug/L	N
December 17, 2010	1,2-Dichlorobenzene	21-Jun-11	0.41	<MDL	ug/L	N
December 17, 2010	1,4-Dichlorobenzene	21-Jun-11	0.36	<MDL	ug/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	op-DDT	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	pp-DDD	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	pp-DDE	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	pp-DDT	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	1,2-Dichloroethane	21-Jun-11	0.35	<MDL	ug/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	21-Jun-11	0.33	<MDL	ug/L	N
December 17, 2010	Dichloromethane	21-Jun-11	0.35	<MDL	ug/L	N
December 17, 2010	2,4-dichlorophenol	21-Jun-11	0.15	<MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	21-Jun-11	0.19	<MDL	ug/L	N
December 17, 2010	Diclofop-methyl	21-Jun-11	0.40	<MDL	ug/L	N
December 17, 2010	Dimethoate	21-Jun-11	0.03	<MDL	ug/L	N
December 17, 2010	Dinoseb	21-Jun-11	0.36	<MDL	ug/L	N
December 17, 2010	Diquat	21-Jun-11	1	<MDL	ug/L	N
December 17, 2010	Diuron	21-Jun-11	0.03	<MDL	ug/L	N
December 17, 2010	Glyphosate	21-Jun-11	6	<MDL	ug/L	N
December 17, 2010	Heptachlor	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Heptachlor epoxide	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Lindane (Total)	21-Jun-11	0.01	<MDL	ug/L	N
December 17, 2010	Malathion	21-Jun-11	0.02	<MDL	ug/L	N
December 17, 2010	Methoxychlor	21-Jun-11	0.01	<MDL	ug/L	N

December 17, 2010	Metolachlor	21-Jun-11	0.02	ug/L	N
December 17, 2010	Metribuzin	21-Jun-11	0.02 <MDL	ug/L	N
December 17, 2010	Monochlorobenzene	21-Jun-11	0.3 <MDL	ug/L	N
December 17, 2010	Paraquat	21-Jun-11	1 <MDL	ug/L	N
December 17, 2010	Parathion	21-Jun-11	0.02 <MDL	ug/L	N
December 17, 2010	Pentachlorophenol	21-Jun-11	0.15 <MDL	ug/L	N
December 17, 2010	Phorate	21-Jun-11	0.01 <MDL	ug/L	N
December 17, 2010	Picloram	21-Jun-11	0.25 <MDL	ug/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	21-Jun-11	0.04 <MDL	ug/L	N
December 17, 2010	Prometryne	21-Jun-11	0.03 <MDL	ug/L	N
December 17, 2010	Simazine	21-Jun-11	0.01 <MDL	ug/L	N
December 17, 2010	Temephos	21-Jun-11	0.01 <MDL	ug/L	N
December 17, 2010	Terbufos	21-Jun-11	0.01 <MDL	ug/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	21-Jun-11	0.35 <MDL	ug/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	21-Jun-11	0.14 <MDL	ug/L	N
December 17, 2010	Triallate	21-Jun-11	0.01 <MDL	ug/L	N
December 17, 2010	Trichloroethylene	21-Jun-11	0.43 <MDL	ug/L	N
December 17, 2010	2,4,6-trichlorophenol	21-Jun-11	0.32	ug/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	21-Jun-11	0.22 <MDL	ug/L	N
December 17, 2010	Trifluralin	21-Jun-11	0.02 <MDL	ug/L	N
December 17, 2010	Trihalomethanes (total)	8-Mar-11	14	ug/L	N
December 17, 2010	Bromodichloromethane	8-Mar-11	4.4	ug/L	N
December 17, 2010	Bromoform	8-Mar-11	0.34 <MDL	ug/L	N
December 17, 2010	Chloroform	8-Mar-11	7.3	ug/L	N
December 17, 2010	Dibromochloromethane	8-Mar-11	2.3	ug/L	N
December 17, 2010	Trihalomethanes (total)	21-Jun-11	20	ug/L	N
December 17, 2010	Bromodichloromethane	21-Jun-11	6.7	ug/L	N
December 17, 2010	Bromoform	21-Jun-11	0.34 <MDL	ug/L	N
December 17, 2010	Chloroform	21-Jun-11	9.8	ug/L	N
December 17, 2010	Dibromochloromethane	21-Jun-11	3.3	ug/L	N
December 17, 2010	Trihalomethanes (total)	12-Sep-11	30	ug/L	N
December 17, 2010	Bromodichloromethane	12-Sep-11	9.3	ug/L	N
December 17, 2010	Bromoform	12-Sep-11	0.34 <MDL	ug/L	N
December 17, 2010	Chloroform	12-Sep-11	16	ug/L	N
December 17, 2010	Dibromochloromethane	12-Sep-11	4.1	ug/L	N
December 17, 2010	Trihalomethanes (total)	13-Dec-11	15	ug/L	N
December 17, 2010	Bromodichloromethane	13-Dec-11	5.4	ug/L	N
December 17, 2010	Bromoform	13-Dec-11	0.34 <MDL	ug/L	N
December 17, 2010	Chloroform	13-Dec-11	6.6	ug/L	N
December 17, 2010	Dibromochloromethane	13-Dec-11	2.9	ug/L	N
December 17, 2010	Vinyl Chloride	21-Jun-11	0.17 <MDL	ug/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	21-Jun-11	72	mg/L as CaCO	N
December 17, 2010	Aluminum	21-Jun-11	18.6	ug/L	N
December 17, 2010	Ammonia+Ammonium (N)	21-Jun-11	0.05	mg/L	N
December 17, 2010	Calcium	21-Jun-11	32.8	mg/L	N
December 17, 2010	Chloride	21-Jun-11	17	mg/L	N
December 17, 2010	Cobalt	21-Jun-11	0.119	ug/L	N
December 17, 2010	Colour	21-Jun-11	3 <MDL	TCU	N
December 17, 2010	Conductivity	21-Jun-11	290	uS/cm	N
December 17, 2010	Copper	21-Jun-11	17	ug/L	N
December 17, 2010	Cyanide	21-Jun-11	0.002 <MDL	mg/L	N
December 17, 2010	De-ethylated atrazine	21-Jun-11	0.03	ug/L	N
December 17, 2010	Dissolved Organic Carbon	21-Jun-11	19	mg/L	N
December 17, 2010	Ethylbenzene	21-Jun-11	0.33 <MDL	ug/L	N
December 17, 2010	Field pH	29-Jun-11	6.67	units	N
December 17, 2010	field temp	29-Jun-11	13	celcius	N
December 17, 2010	Field Turbidity	29-Jun-11	0.15	mg/L	N
December 17, 2010	Gross Alpha	21-Jun-11	0.10 <MDL	Bq/l	N
December 17, 2010	Gross Beta	21-Jun-11	0.10 <MDL	Bq/l	N
December 17, 2010	Hardness	21-Jun-11	116	mg/L as CaCO	N
December 17, 2010	Iron	21-Jun-11	2 <MDL	ug/L	N
December 17, 2010	Langelier`s Index	21-Jun-11	-0.69	@20C	N
December 17, 2010	Magnesium	21-Jun-11	8.39	mg/L	N
December 17, 2010	Manganese	21-Jun-11	0.30	ug/L	N
December 17, 2010	Nickel	21-Jun-11	0.8	ug/L	N
December 17, 2010	Nitrogen-Kjeldahl (N)	21-Jun-11	0.05 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	21-Jun-11	0.05 <MDL	mg/L	N
December 17, 2010	pH	21-Jun-11	7.55	no unit	N
December 17, 2010	Potassium	21-Jun-11	1.48	mg/L	N
December 17, 2010	Silica Oxide	21-Jun-11	1.29	mg/L	N
December 17, 2010	Silver	21-Jun-11	0.01 <MDL	ug/L	N
December 17, 2010	Solids (Total Dissolved)	21-Jun-11	200	mg/L	N
December 17, 2010	Sulphate	21-Jun-11	38	mg/L	N
December 17, 2010	Sulphide	21-Jun-11	0.004 <MDL	mg/L	N
December 17, 2010	Temperature	17-Nov-11	13.1	℃	N
December 17, 2010	Toluene	21-Jun-11	0.36 <MDL	ug/L	N
December 17, 2010	Total Chlorine	29-Jun-11	1.31	mg/L	N
December 17, 2010	Total Phosphorus	21-Jun-11	0.02 <MDL	mg/L	N
December 17, 2010	Toxaphene	21-Jun-11	5.00 <MDL	ug/L	N
December 17, 2010	2,4,5-TP (Silvex)	21-Jun-11	0.13 <MDL	ug/L	N
December 17, 2010	Tritium	21-Jun-11	15.00 <MDL	Bq/l	N
December 17, 2010	Turbidity	21-Jun-11	0.13 <MDL	NTU	N
December 17, 2010	Xylene (Total)	21-Jun-11	0.39 <MDL	ug/L	N
December 17, 2010	m/p-xylene	21-Jun-11	0.39 <MDL	ug/L	N
December 17, 2010	o-xylene	21-Jun-11	0.17 <MDL	ug/L	N
December 17, 2010	Zinc	21-Jun-11	2	ug/L	N

Summary of Inorganic/Organic parameters tested during this reporting period.

As outlined below, sampling was carried out for Lead throughout various areas of the City of London (including Arva Pumping Station and Highbury Ave. at Dingman Dr.).

Summary of lead testing under Schedule 15.1 during this reporting period.

Location	Number of Samples	Range of Samples (µg/L)	Number of Exceedances
Distribution System	10	0.03 – 0.28	0

Summary of Inorganic/Organic parameters tested during this reporting period.

As outlined below, sampling was carried out for THM's at 214 Rathowan St., 4318 Colonel Talbot Rd. and Springbank Reservoir #2.

SITE: 214 Rathowan St. - Treated Distribution

b) ORGANIC PARAMETERS (THM)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Trihalomethanes (total)	8-Mar-11	17		µg/L	N
December 17, 2010	(bromodichloromethane)	8-Mar-11	5.4		µg/L	N
December 17, 2010	(bromoform)	8-Mar-11	0.34	<MDL	µg/L	N
December 17, 2010	(chloroform)	8-Mar-11	9.4		µg/L	N
December 17, 2010	(dibromochloromethane)	8-Mar-11	2.4		µg/L	N
December 17, 2010	Trihalomethanes (total)	21-Jun-11	27		µg/L	N
December 17, 2010	(bromodichloromethane)	21-Jun-11	7.6		µg/L	N
December 17, 2010	(bromoform)	21-Jun-11	0.34	<MDL	µg/L	N
December 17, 2010	(chloroform)	21-Jun-11	16		µg/L	N
December 17, 2010	(dibromochloromethane)	21-Jun-11	3.2		µg/L	N
December 17, 2010	Trihalomethanes (total)	12-Sep-11	33		µg/L	N
December 17, 2010	(bromodichloromethane)	12-Sep-11	8.7		µg/L	N
December 17, 2010	(bromoform)	12-Sep-11	0.43		µg/L	N
December 17, 2010	(chloroform)	12-Sep-11	19		µg/L	N
December 17, 2010	(dibromochloromethane)	12-Sep-11	4.5		µg/L	N
December 17, 2010	Trihalomethanes (total)	13-Dec-11	23		µg/L	N
December 17, 2010	(bromodichloromethane)	13-Dec-11	6.7		µg/L	N
December 17, 2010	(bromoform)	13-Dec-11	0.34	<MDL	µg/L	N
December 17, 2010	(chloroform)	13-Dec-11	14		µg/L	N
December 17, 2010	(dibromochloromethane)	13-Dec-11	2.4		µg/L	N

SITE: 4318 Colonel Talbot Rd. - Treated Distribution

b) ORGANIC PARAMETERS (THM)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Trihalomethanes (total)	8-Mar-11	31		µg/L	N
December 17, 2010	(bromodichloromethane)	8-Mar-11	8.7		µg/L	N
December 17, 2010	(bromoform)	8-Mar-11	0.34	<MDL	µg/L	N
December 17, 2010	(chloroform)	8-Mar-11	18		µg/L	N
December 17, 2010	(dibromochloromethane)	8-Mar-11	3.8		µg/L	N
December 17, 2010	Trihalomethanes (total)	21-Jun-11	39		µg/L	N
December 17, 2010	(bromodichloromethane)	21-Jun-11	9.5		µg/L	N
December 17, 2010	(bromoform)	21-Jun-11	0.34	<MDL	µg/L	N
December 17, 2010	(chloroform)	21-Jun-11	26		µg/L	N
December 17, 2010	(dibromochloromethane)	21-Jun-11	3.8		µg/L	N
December 17, 2010	Trihalomethanes (total)	12-Sep-11	57		µg/L	N
December 17, 2010	(bromodichloromethane)	12-Sep-11	0.47		µg/L	N
December 17, 2010	(bromoform)	12-Sep-11	12		µg/L	N
December 17, 2010	(chloroform)	12-Sep-11	39		µg/L	N
December 17, 2010	(dibromochloromethane)	12-Sep-11	5.4		µg/L	N
December 17, 2010	Trihalomethanes (total)	13-Dec-11	20		µg/L	N
December 17, 2010	(bromodichloromethane)	13-Dec-11	0.34	<MDL	µg/L	N
December 17, 2010	(bromoform)	13-Dec-11	6.8		µg/L	N
December 17, 2010	(chloroform)	13-Dec-11	9.7		µg/L	N
December 17, 2010	(dibromochloromethane)	13-Dec-11	3.2		µg/L	N

SITE: Springbank Reservoir #2. - Treated Distribution

b) ORGANIC PARAMETERS (THM)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value		Unit of Measure	Exceedance
December 17, 2010	Trihalomethanes (total)	28-Apr-11	42		µg/L	N
December 17, 2010	(bromodichloromethane)	28-Apr-11	9.5		µg/L	N
December 17, 2010	(bromoform)	28-Apr-11	0.34	<MDL	µg/L	N
December 17, 2010	(chloroform)	28-Apr-11	29		µg/L	N
December 17, 2010	(dibromochloromethane)	28-Apr-11	4.0		µg/L	N
December 17, 2010	Trihalomethanes (total)	4-May-11	30		µg/L	N
December 17, 2010	(bromodichloromethane)	4-May-11	7.8		µg/L	N
December 17, 2010	(bromoform)	4-May-11	0.34	<MDL	µg/L	N
December 17, 2010	(chloroform)	4-May-11	20		µg/L	N
December 17, 2010	(dibromochloromethane)	4-May-11	2.7		ug/L	N

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Fluoride	9-Mar-11	0.76	mg/L	N
December 17, 2010	Trihalomethanes (total)	12-Sep-11	57	µg/L	N

Appendix B
2009 Annual Report
(London-Elgin-Middlesex Booster Station)

Drinking-Water System Number:	260004917
Drinking-Water System Name:	**Elgin Middlesex Pumping Station – City of London**
Drinking-Water System Owner:	City of London
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2011 through December 31, 2011

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

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

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.

Lake Huron and Elgin Area Water Supply Systems
c/o Regional Water Supply Division
235 North Centre Road, Suite 200
London, ON N5X 4E7
http://www.watersupply.london.ca

Elgin Area Water Treatment Plant
43665 Dexter Line, Union, ON

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:

Systems that receive their drinking water directly from the London EMPS:

Drinking Water System Name	Drinking Water System Number
City of London Distribution System	260004917

Systems that receive their drinking water indirectly from the City of London EMPS:

Drinking Water System Name	Drinking Water System Number
Municipality of Central Elgin	260004761

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 [ ]

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**
- **[X] Public access/notice via other method ____News Release**

Describe your Drinking-Water System

The Elgin Middlesex Pumping Station (EMPS) receives water from the Elgin Area Primary Water Supply System, which is located to the east of Port Stanley. Through various secondary water supply systems, the EMPS serves the Cities of London and St. Thomas, Town of Aylmer, and Municipalities of Central Elgin, Malahide and Southwold.

The EMPS is a shared facility encompassing a twin celled reservoir with a total capacity of 54,600m^3. Booster pumps are dedicated to directing water to the City of London, St. Thomas Secondary and/or Aylmer Secondary Water Supply Systems. The EMPS houses a surge facility to service the London re-transmission main.

Three pipelines exit the EMPS: one pipeline runs North along Highbury Avenue, servicing the London Distribution system; the second exits to the south of the EMPS property and extends West to service the St. Thomas Secondary System; the third exits to the South, eventually picking up Highway 3 and then runs in an Easterly direction to service the municipalities on the Aylmer Secondary System.

List all water treatment chemicals used over this reporting period

No re-treatment of water destined for London took place at the EMPS in 2011.

Were any significant expenses incurred to?

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

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

Painted pumps and associated piping
Replaced vent fan in surge building
Repaired surge air compressor circuit board
SCADA deficiencies corrected
UPS SCADA backup system replaced
Replaced London pump outer bearing

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
N/A	N/A	N/A	N/A	N/A	N/A

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

Analyte	Number of Grab Samples (Continuous Monitoring)	Min	Max	Avg
Free Chlorine Residual (mg/L)	8760	0.58	2.00	0.89

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM (NOTE: result value is based on latest annual average)	January 18, 2011 April 7, 2011 July 14, 2011 October 4, 2011	0.0156	mg/L	NO

Appendix C
2008 Annual Report
(Summary of Water Pumpage)

London
CANADA

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Saturday	1-Jan-11	22,566	98,350	110,431
Sunday	2-Jan-11	22,353	95,700	128,200
Monday	3-Jan-11	22,441	***114,319***	127,627
Tuesday	4-Jan-11	22,450	107,120	126,528
Wednesday	5-Jan-11	22,457	96,540	129,481
Thursday	6-Jan-11	22,449	107,449	129,390
Friday	7-Jan-11	22,661	99,899	123,406
Saturday	8-Jan-11	22,679	102,963	123,106
Sunday	9-Jan-11	22,667	107,713	134,437
Monday	10-Jan-11	22,660	111,226	131,689
Tuesday	11-Jan-11	22,660	110,592	129,362
Wednesday	12-Jan-11	22,484	106,787	130,793
Thursday	13-Jan-11	22,586	107,179	129,596
Friday	14-Jan-11	22,665	99,194	122,536
Saturday	15-Jan-11	22,664	101,797	121,755
Sunday	16-Jan-11	22,663	106,602	132,815
Monday	17-Jan-11	22,653	105,343	129,349
Tuesday	18-Jan-11	22,663	106,184	130,031
Wednesday	19-Jan-11	22,649	109,579	129,691
Thursday	20-Jan-11	22,670	105,324	127,994
Friday	21-Jan-11	22,667	105,042	123,313
Saturday	22-Jan-11	22,755	97,364	123,501
Sunday	23-Jan-11	***22,761***	110,070	134,692
Monday	24-Jan-11	22,681	110,933	130,730
Tuesday	25-Jan-11	22,686	110,760	130,411
Wednesday	26-Jan-11	22,681	100,028	123,442
Thursday	27-Jan-11	22,688	109,737	***135,581***
Friday	28-Jan-11	22,451	110,164	123,313
Saturday	29-Jan-11	22,440	98,863	123,672
Sunday	30-Jan-11	22,447	107,033	133,200
Monday	31-Jan-11	22,677	106,283	129,298
January 2011 Monthly Max		22,761	114,319	135,581
January 2011 Monthly Average		22,604	105,593	128,298
January 2011 Total		678,108	3,167,787	3,848,939

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Tuesday	1-Feb-11	22,717	102,508	125,225
Wednesday	2-Feb-11	22,713	98,367	130,212
Thursday	3-Feb-11	***23,522***	109,628	127,063
Friday	4-Feb-11	22,691	102,166	120,797
Saturday	5-Feb-11	22,691	101,539	122,201
Sunday	6-Feb-11	22,687	106,059	130,268
Monday	7-Feb-11	22,440	107,025	127,943
Tuesday	8-Feb-11	22,438	94,667	120,657
Wednesday	9-Feb-11	22,442	***110,886***	***137,555***
Thursday	10-Feb-11	22,439	107,439	129,710
Friday	11-Feb-11	22,660	99,823	121,974
Saturday	12-Feb-11	22,678	103,255	125,089
Sunday	13-Feb-11	22,668	102,719	131,643
Monday	14-Feb-11	22,685	107,568	128,563
Tuesday	15-Feb-11	22,686	106,515	128,862
Wednesday	16-Feb-11	22,688	107,215	128,730
Thursday	17-Feb-11	22,675	106,972	128,453
Friday	18-Feb-11	22,672	95,235	122,134
Saturday	19-Feb-11	22,160	106,299	118,482
Sunday	20-Feb-11	22,660	98,090	115,169
Monday	21-Feb-11	22,677	98,833	128,275
Tuesday	22-Feb-11	22,679	101,651	125,176
Wednesday	23-Feb-11	22,793	105,254	126,694
Thursday	24-Feb-11	22,680	105,728	125,193
Friday	25-Feb-11	22,692	94,778	121,868
Saturday	26-Feb-11	22,696	97,217	120,589
Sunday	27-Feb-11	22,696	105,546	129,427
Monday	28-Feb-11	22,683	106,704	127,019
February 2011 Monthly Max		23,522	110,886	137,555
February 2011 Monthly Max		22,665	103,203	125,892
February 2011 Total		634,608	2,889,686	3,524,971

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Tuesday	1-Mar-11	22,689	103,602	126,629
Wednesday	2-Mar-11	22,688	103,663	128,211
Thursday	3-Mar-11	22,670	103,346	127,539
Friday	4-Mar-11	22,444	99,198	119,951
Saturday	5-Mar-11	22,436	95,485	119,950
Sunday	6-Mar-11	22,440	107,120	130,912
Monday	7-Mar-11	22,667	106,460	128,450
Tuesday	8-Mar-11	22,667	105,976	127,122
Wednesday	9-Mar-11	22,678	99,151	128,086
Thursday	10-Mar-11	22,649	102,619	125,944
Friday	11-Mar-11	22,667	102,895	119,813
Saturday	12-Mar-11	22,667	92,611	115,954
Sunday	13-Mar-11	22,667	106,465	123,574
Monday	14-Mar-11	22,433	104,614	128,546
Tuesday	15-Mar-11	22,430	97,931	119,515
Wednesday	16-Mar-11	22,441	102,736	131,435
Thursday	17-Mar-11	22,439	104,300	126,063
Friday	18-Mar-11	22,654	102,523	120,949
Saturday	19-Mar-11	22,642	99,007	121,649
Sunday	20-Mar-11	22,658	107,470	131,312
Monday	21-Mar-11	22,569	103,153	127,582
Tuesday	22-Mar-11	22,671	106,888	126,008
Wednesday	23-Mar-11	0	***122,244***	127,148
Thursday	24-Mar-11	***25,998***	103,685	129,175
Friday	25-Mar-11	25,888	102,895	117,284
Saturday	26-Mar-11	25,919	98,334	130,340
Sunday	27-Mar-11	25,884	106,938	***134,176***
Monday	28-Mar-11	25,896	105,513	130,056
Tuesday	29-Mar-11	25,877	101,277	129,690
Wednesday	30-Mar-11	25,901	105,731	129,603
Thursday	31-Mar-11	22,685	101,948	129,199
March 2011 Monthly Max		25,998	122,244	134,176
March 2011 Monthly Average		22,611	103,406	126,175
March 2011 Total		678,325	3,102,176	3,785,236

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Friday	1-Apr-11	22,665	101,535	122,340
Saturday	2-Apr-11	22,662	100,867	125,220
Sunday	3-Apr-11	22,663	113,302	132,413
Monday	4-Apr-11	18,677	106,610	127,148
Tuesday	5-Apr-11	24,672	107,683	129,480
Wednesday	6-Apr-11	***24,797***	99,738	127,748
Thursday	7-Apr-11	22,660	107,050	127,343
Friday	8-Apr-11	22,656	96,607	123,490
Saturday	9-Apr-11	22,432	109,848	123,994
Sunday	10-Apr-11	22,446	106,665	***133,507***
Monday	11-Apr-11	14,106	***113,848***	129,984
Tuesday	12-Apr-11	22,663	107,305	130,644
Wednesday	13-Apr-11	24,681	106,130	131,657
Thursday	14-Apr-11	24,674	106,988	132,676
Friday	15-Apr-11	24,690	106,268	122,841
Saturday	16-Apr-11	23,111	99,176	121,949
Sunday	17-Apr-11	22,951	107,113	132,263
Monday	18-Apr-11	22,941	103,705	128,845
Tuesday	19-Apr-11	22,750	106,081	128,661
Wednesday	20-Apr-11	22,545	106,933	127,618
Thursday	21-Apr-11	22,545	99,708	116,842
Friday	22-Apr-11	22,775	97,932	122,227
Saturday	23-Apr-11	22,772	92,808	115,580
Sunday	24-Apr-11	22,775	98,690	123,664
Monday	25-Apr-11	22,552	94,531	129,260
Tuesday	26-Apr-11	22,777	113,213	129,056
Wednesday	27-Apr-11	22,769	105,977	130,268
Thursday	28-Apr-11	22,772	109,598	126,520
Friday	29-Apr-11	22,769	101,915	121,050
Saturday	30-Apr-11	22,758	105,205	124,802
April 2011 Monthly Max		24,797	113,848	133,507
April 2011 Monthly Average		22,624	104,434	126,636
April 2011 Total		678,706	3,133,029	3,799,090

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Sunday	1-May-11	22,738	105,242	128,954
Monday	2-May-11	22,739	107,211	127,027
Tuesday	3-May-11	22,709	103,088	127,015
Wednesday	4-May-11	22,714	105,617	128,763
Thursday	5-May-11	22,657	107,701	131,255
Friday	6-May-11	22,663	99,507	120,974
Saturday	7-May-11	22,650	106,771	125,829
Sunday	8-May-11	22,654	110,924	133,878
Monday	9-May-11	22,656	110,790	134,644
Tuesday	10-May-11	22,647	111,052	132,201
Wednesday	11-May-11	22,653	111,127	134,978
Thursday	12-May-11	22,640	110,785	136,417
Friday	13-May-11	22,416	107,384	133,084
Saturday	14-May-11	22,423	103,033	128,435
Sunday	15-May-11	22,431	111,068	126,040
Monday	16-May-11	22,638	107,229	127,772
Tuesday	17-May-11	22,640	106,990	127,231
Wednesday	18-May-11	22,642	107,309	130,551
Thursday	19-May-11	22,638	106,926	131,662
Friday	20-May-11	22,624	106,680	128,705
Saturday	21-May-11	22,654	102,396	129,239
Sunday	22-May-11	22,654	102,947	123,807
Monday	23-May-11	22,429	103,519	134,894
Tuesday	24-May-11	***36,192***	40,659	120,465
Wednesday	25-May-11	32,861	***161,218***	142,416
Thursday	26-May-11	22,477	106,090	132,448
Friday	27-May-11	22,660	106,689	126,664
Saturday	28-May-11	22,649	101,810	126,846
Sunday	29-May-11	22,644	105,611	140,428
Monday	30-May-11	22,654	123,420	150,207
Tuesday	31-May-11	22,654	138,445	***150,744***
May 2011 Monthly Max		36,192	161,218	150,744
May 2011 Monthly Average		23,412	107,800	131,487
May 2011 Total		702,362	3,233,996	3,944,619

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Wednesday	1-Jun-11	22,625	134,665	149,549
Thursday	2-Jun-11	22,627	126,235	139,877
Friday	3-Jun-11	22,657	111,946	141,197
Saturday	4-Jun-11	22,631	110,653	132,387
Sunday	5-Jun-11	22,655	119,664	153,348
Monday	6-Jun-11	22,662	110,070	143,087
Tuesday	7-Jun-11	22,763	138,134	152,323
Wednesday	8-Jun-11	22,632	131,333	154,854
Thursday	9-Jun-11	22,618	127,433	148,568
Friday	10-Jun-11	22,659	118,911	134,432
Saturday	11-Jun-11	22,651	111,183	132,641
Sunday	12-Jun-11	22,646	119,381	142,325
Monday	13-Jun-11	22,664	119,464	146,597
Tuesday	14-Jun-11	22,639	131,577	151,834
Wednesday	15-Jun-11	22,649	134,101	151,975
Thursday	16-Jun-11	22,610	127,018	140,331
Friday	17-Jun-11	22,420	103,892	142,766
Saturday	18-Jun-11	22,450	115,259	149,262
Sunday	19-Jun-11	22,429	***143,302***	158,929
Monday	20-Jun-11	22,617	143,127	***161,588***
Tuesday	21-Jun-11	22,612	142,010	152,979
Wednesday	22-Jun-11	22,625	126,500	142,214
Thursday	23-Jun-11	22,634	114,290	136,623
Friday	24-Jun-11	22,637	102,226	128,774
Saturday	25-Jun-11	***22,813***	98,328	125,940
Sunday	26-Jun-11	22,640	118,290	141,828
Monday	27-Jun-11	22,406	130,975	147,083
Tuesday	28-Jun-11	22,434	119,205	148,834
Wednesday	29-Jun-11	22,436	116,584	147,667
Thursday	30-Jun-11	22,443	131,606	155,534
June 2011 Monthly Max		22,813	143,302	161,588
June 2011 Monthly Average		22,599	122,579	145,178
June 2011 Total		677,984	3,677,362	4,355,346

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Friday	1-Jul-11	22,638	128,045	150,683
Saturday	2-Jul-11	22,644	126,790	132,407
Sunday	3-Jul-11	22,635	120,461	140,088
Monday	4-Jul-11	22,631	126,061	167,836
Tuesday	5-Jul-11	***25,084***	142,925	161,159
Wednesday	6-Jul-11	23,803	139,574	171,712
Thursday	7-Jul-11	23,002	147,797	169,908
Friday	8-Jul-11	23,070	138,571	168,456
Saturday	9-Jul-11	23,107	150,823	160,865
Sunday	10-Jul-11	23,085	151,134	169,737
Monday	11-Jul-11	23,112	143,736	168,642
Tuesday	12-Jul-11	23,127	143,974	179,006
Wednesday	13-Jul-11	23,132	152,272	176,293
Thursday	14-Jul-11	23,130	166,425	183,619
Friday	15-Jul-11	23,119	167,565	181,134
Saturday	16-Jul-11	23,138	160,113	170,014
Sunday	17-Jul-11	23,134	158,279	194,350
Monday	18-Jul-11	23,121	151,823	177,936
Tuesday	19-Jul-11	23,113	167,662	193,761
Wednesday	20-Jul-11	23,101	167,382	197,029
Thursday	21-Jul-11	23,110	152,846	***201,553***
Friday	22-Jul-11	18,766	***196,801***	179,541
Saturday	23-Jul-11	22,909	148,471	162,079
Sunday	24-Jul-11	15,300	128,018	142,415
Monday	25-Jul-11	23,143	134,096	170,431
Tuesday	26-Jul-11	23,110	149,607	164,936
Wednesday	27-Jul-11	23,103	135,432	160,934
Thursday	28-Jul-11	23,127	114,182	145,374
Friday	29-Jul-11	23,135	115,861	143,160
Saturday	30-Jul-11	23,123	122,405	137,487
Sunday	31-Jul-11	23,109	115,189	136,504
July 2011 Monthly Max		25,084	196,801	201,553
July 2011 Monthly Average		22,737	144,010	166,421
July 2011 Total		704,861	4,464,320	5,159,049

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Monday	1-Aug-11	23,089	135,876	154,172
Tuesday	2-Aug-11	22,899	132,153	153,251
Wednesday	3-Aug-11	22,927	112,361	148,149
Thursday	4-Aug-11	22,925	***137,759***	***164,549***
Friday	5-Aug-11	23,107	131,692	158,358
Saturday	6-Aug-11	23,084	135,694	145,984
Sunday	7-Aug-11	23,076	131,889	145,068
Monday	8-Aug-11	23,089	131,295	154,384
Tuesday	9-Aug-11	23,101	124,107	145,703
Wednesday	10-Aug-11	22,965	116,002	148,276
Thursday	11-Aug-11	22,966	120,339	150,172
Friday	12-Aug-11	22,955	128,199	149,664
Saturday	13-Aug-11	23,026	115,501	138,527
Sunday	14-Aug-11	21,618	123,439	136,683
Monday	15-Aug-11	23,027	122,914	150,433
Tuesday	16-Aug-11	23,017	130,841	155,950
Wednesday	17-Aug-11	23,010	135,881	157,397
Thursday	18-Aug-11	20,211	134,217	150,238
Friday	19-Aug-11	***24,007***	122,878	148,982
Saturday	20-Aug-11	23,017	114,233	134,253
Sunday	21-Aug-11	23,015	114,362	135,276
Monday	22-Aug-11	23,014	119,998	146,912
Tuesday	23-Aug-11	23,044	124,395	148,936
Wednesday	24-Aug-11	23,046	120,214	142,062
Thursday	25-Aug-11	23,055	124,146	141,800
Friday	26-Aug-11	22,857	112,870	141,428
Saturday	27-Aug-11	22,856	111,850	136,501
Sunday	28-Aug-11	23,068	116,785	141,348
Monday	29-Aug-11	23,067	119,760	149,979
Tuesday	30-Aug-11	23,061	126,943	147,922
Wednesday	31-Aug-11	23,068	125,485	148,850
August 2011 Monthly Max		24,007	137,759	164,549
August 2011 Monthly Average		22,912	124,325	147,458
August 2011 Total		710,267	3,854,078	4,571,207

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Thursday	1-Sep-11	23,064	122,362	144,533
Friday	2-Sep-11	23,074	116,060	146,560
Saturday	3-Sep-11	23,052	***131,360***	136,224
Sunday	4-Sep-11	23,066	99,652	115,197
Monday	5-Sep-11	23,067	112,440	***153,194***
Tuesday	6-Sep-11	23,066	120,238	141,516
Wednesday	7-Sep-11	23,065	112,192	140,913
Thursday	8-Sep-11	23,067	119,641	143,302
Friday	9-Sep-11	23,029	127,977	142,367
Saturday	10-Sep-11	23,072	119,685	138,568
Sunday	11-Sep-11	23,074	123,782	146,256
Monday	12-Sep-11	23,074	123,788	150,455
Tuesday	13-Sep-11	23,071	123,899	146,970
Wednesday	14-Sep-11	23,071	122,368	143,644
Thursday	15-Sep-11	23,065	115,870	138,336
Friday	16-Sep-11	23,059	113,171	133,831
Saturday	17-Sep-11	23,066	112,789	130,745
Sunday	18-Sep-11	23,066	115,561	141,936
Monday	19-Sep-11	23,070	107,811	138,671
Tuesday	20-Sep-11	23,070	114,278	139,140
Wednesday	21-Sep-11	23,067	110,638	138,472
Thursday	22-Sep-11	23,073	119,045	137,052
Friday	23-Sep-11	23,063	107,720	127,197
Saturday	24-Sep-11	23,073	108,276	128,653
Sunday	25-Sep-11	23,071	114,595	137,066
Monday	26-Sep-11	23,071	113,067	136,438
Tuesday	27-Sep-11	23,067	106,930	133,890
Wednesday	28-Sep-11	23,054	112,685	143,196
Thursday	29-Sep-11	23,066	109,749	127,152
Friday	30-Sep-11	***23,132***	105,401	127,636
September 2011 Monthly Max		23,132	131,360	153,194
September 2011 Monthly Average		23,068	115,434	138,304
September 2011 Total		692,045	3,463,030	4,149,110

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Saturday	1-Oct-11	23,133	115,390	131,633
Sunday	2-Oct-11	23,132	113,208	133,333
Monday	3-Oct-11	23,131	108,242	133,178
Tuesday	4-Oct-11	23,127	112,418	134,643
Wednesday	5-Oct-11	23,072	110,891	***136,067***
Thursday	6-Oct-11	23,650	113,201	132,640
Friday	7-Oct-11	23,613	101,840	128,161
Saturday	8-Oct-11	23,598	97,396	119,791
Sunday	9-Oct-11	23,588	88,607	114,600
Monday	10-Oct-11	23,586	100,883	132,258
Tuesday	11-Oct-11	23,586	105,394	132,858
Wednesday	12-Oct-11	23,592	113,054	130,675
Thursday	13-Oct-11	23,595	109,691	130,291
Friday	14-Oct-11	23,592	96,982	122,072
Saturday	15-Oct-11	23,593	92,970	117,462
Sunday	16-Oct-11	23,591	104,921	127,913
Monday	17-Oct-11	23,591	106,359	130,848
Tuesday	18-Oct-11	23,589	108,725	128,118
Wednesday	19-Oct-11	23,597	101,172	128,067
Thursday	20-Oct-11	23,597	101,240	125,735
Friday	21-Oct-11	23,596	96,628	120,523
Saturday	22-Oct-11	23,605	93,206	119,800
Sunday	23-Oct-11	23,611	104,554	128,165
Monday	24-Oct-11	23,666	103,502	128,660
Tuesday	25-Oct-11	23,600	103,839	126,762
Wednesday	26-Oct-11	11,880	111,382	126,869
Thursday	27-Oct-11	***27,700***	111,637	126,936
Friday	28-Oct-11	18,358	95,397	120,519
Saturday	29-Oct-11	18,495	91,384	125,663
Sunday	30-Oct-11	25,866	***121,512***	134,075
Monday	31-Oct-11	15,265	111,987	130,183
October 2011 Monthly Max		27,700	121,512	136,067
October 2010 Monthly Average		22,748	104,762	127,693
October 2011 Total		705,195	3,247,612	3,958,498

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Tuesday	1-Nov-11	17,172	120,565	133,453
Wednesday	2-Nov-11	15,300	115,925	***135,509***
Thursday	3-Nov-11	16,220	120,876	133,263
Friday	4-Nov-11	15,350	119,896	129,609
Saturday	5-Nov-11	16,212	104,700	128,803
Sunday	6-Nov-11	15,725	116,658	133,285
Monday	7-Nov-11	11,558	***123,692***	131,192
Tuesday	8-Nov-11	0	120,103	127,093
Wednesday	9-Nov-11	10,998	118,819	127,336
Thursday	10-Nov-11	23,122	108,206	123,211
Friday	11-Nov-11	23,179	102,761	121,656
Saturday	12-Nov-11	27,194	87,907	113,973
Sunday	13-Nov-11	27,193	85,320	131,679
Monday	14-Nov-11	21,587	100,508	113,978
Tuesday	15-Nov-11	22,076	97,186	132,114
Wednesday	16-Nov-11	27,259	104,730	127,480
Thursday	17-Nov-11	27,131	104,358	123,146
Friday	18-Nov-11	26,957	93,118	122,330
Saturday	19-Nov-11	27,138	88,791	115,703
Sunday	20-Nov-11	27,164	104,684	124,633
Monday	21-Nov-11	27,221	94,976	124,452
Tuesday	22-Nov-11	27,223	98,369	123,562
Wednesday	23-Nov-11	27,229	99,800	126,353
Thursday	24-Nov-11	27,807	100,690	129,624
Friday	25-Nov-11	22,351	92,189	116,119
Saturday	26-Nov-11	30,219	88,667	121,817
Sunday	27-Nov-11	***30,760***	100,471	121,535
Monday	28-Nov-11	27,381	91,129	122,118
Tuesday	29-Nov-11	27,225	87,243	116,948
Wednesday	30-Nov-11	27,175	87,140	123,786
November 2011 Monthly Max		30,760	123,692	135,509
November 2011 Monthly Average		22,438	102,649	125,192
November 2011 Total		673,126	3,079,477	3,755,760

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	**-**	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Thursday	1-Dec-11	27,180	99,525	127,156
Friday	2-Dec-11	27,203	107,166	121,291
Saturday	3-Dec-11	25,851	87,808	115,688
Sunday	4-Dec-11	26,251	91,417	121,050
Monday	5-Dec-11	26,976	93,294	124,103
Tuesday	6-Dec-11	27,221	77,709	116,881
Wednesday	7-Dec-11	20,605	90,230	***133,158***
Thursday	8-Dec-11	23,876	***123,272***	124,148
Friday	9-Dec-11	27,211	97,729	120,205
Saturday	10-Dec-11	29,777	100,907	122,792
Sunday	11-Dec-11	30,760	97,580	128,340
Monday	12-Dec-11	21,629	101,244	121,746
Tuesday	13-Dec-11	27,530	98,041	123,542
Wednesday	14-Dec-11	30,084	93,793	125,906
Thursday	15-Dec-11	27,525	93,589	121,565
Friday	16-Dec-11	27,884	89,568	116,325
Saturday	17-Dec-11	29,371	89,844	117,185
Sunday	18-Dec-11	30,154	90,085	124,523
Monday	19-Dec-11	28,882	100,359	117,742
Tuesday	20-Dec-11	31,968	89,071	121,490
Wednesday	21-Dec-11	28,596	77,101	106,824
Thursday	22-Dec-11	33,660	72,515	118,802
Friday	23-Dec-11	23,122	73,395	105,762
Saturday	24-Dec-11	35,293	76,981	118,587
Sunday	25-Dec-11	***35,925***	85,374	100,555
Monday	26-Dec-11	30,158	77,050	98,414
Tuesday	27-Dec-11	30,157	72,911	106,451
Wednesday	28-Dec-11	30,156	72,768	115,776
Thursday	29-Dec-11	30,336	72,523	109,172
Friday	30-Dec-11	30,102	84,990	117,122
Saturday	31-Dec-11	30,231	88,207	117,310
December 2011 Monthly Max		35,925	123,272	133,158
December 2011 Monthly Average		28,570	89,227	118,052
December 2011 Total		885,674	2,766,046	3,659,611