

Drinking-Water Systems Regulation O. Reg. 170/03

Part III Form 2

Section 11. ANNUAL REPORT. - 2004

Drinking -Water System Number:	220000460
Drinking -Water System Name:	North Bay Water Treatment Plant/Distribution System
Drinking -Water System Owner:	Corporation of the City of North Bay
Drinking -Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2004 to December 31, 2004

<p><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></p> <p>Does your Drinking -Water System serve more than 10,000 people? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>www.cityofnorthbay.ca</p> <p>&</p> <p>6th Floor, North Bay City Hall Engineering and Environmental Services 200 McIntyre Street East North Bay, Ontario</p> </div>	<p style="text-align: center;"><u>Complete for all other Categories.</u></p> <p>This Section does not apply to North Bay.</p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Number of Interested Authorities you report to: </p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes <input type="checkbox"/> No <input type="checkbox"/></p>
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List Drinking - Water Systems, which receive all of their drinking water from your system:

N/A

Did you provide a copy of your annual report to all Drinking -Water System owners that are connected to you and to whom you provide all of its drinking water?

Yes No N/A

Indicate how you notified system users that your annual report is available, and is free of charge.

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library
- Public access/notice via other method _____

Describe your Drinking - Water System

Water is withdrawn from Delaney Bay of Trout Lake at a depth of 21.5 meters, 300 meters from shore. Water Treatment takes place at the North Bay Water Treatment Plant located at 248 Lakeside Drive, North Bay. Treatment consists of coarse screening and disinfection using UV irradiation and chlorination. Water pH is adjusted using soda ash and fluoride is added prior to distribution. The North Bay water distribution system has 5 pressure zones and 3 water storage facilities. Storage facilities are Ellendale High Lift Reservoir and Pumping Station (4 MIG), Birchs Road Standpipe (2 MIG) and CFB Reservoir (0.4 MIG). A Valve Chamber located at Judge Avenue separates Pressure Zones 1 and 1A, below the North Bay escarpment. Pumping stations located at Gormanville/College Drive and at the Ellendale High Lift Reservoir pressurize Pressure Zones 2 and 3 located above the North Bay escarpment. Zone 4 located in the vicinity of the North Bay Airport is pressurized by a pumping station at the CFB Reservoir. The City of North Bay is the owner of the system with treatment, storage and pumping facilities operated by the Ontario Clean Water Agency. The water distribution system is operated and maintained by the City's Sewer and Water Department.

North Bay's water system serves a population of 53,000. North Bay's water taking permit limits withdrawals from Trout Lake to 79,500 m³/day. The North Bay Water Treatment Plant is fully automated and can be run remotely through a Supervisory Control and Data Acquisition (SCADA) system operated by Ontario Clean Water Agency. All key processes are fully alarmed. Raw and treated water turbidity, as well as treated water free chlorine, pH, fluoride and flow are continuously monitored and recorded. Post chlorination occurs at Ellendale High Lift Reservoir, Judge Avenue Valve Chamber, CFB Reservoir and Birches Road Standpipe.

List all water treatment chemicals used over this reporting period

Sodium Hypochlorite (Chlorine), Soda Ash, Hydrofluosilicic Acid (Fluoride)

Were any significant expenses incurred to?

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

Describe

New Chlorination System Installed at Ellendale Reservoir	\$ 5,000
Backup Diesel Pump Repaired at CFB Reservoir	\$ 30,000
Purchased Spare Chemical Feed Pumps for Soda Ash and Chlorine	\$ 10,000
Replaced Mechanical Balance at TLPS	\$ 5,000
Replaced Fluoride Transfer Pump	\$ 5,000
Repair of large Valve in trunk Watermain – Ski Club Road	\$ 10,000
New Servers Installed to Run North Bay SCADA system	\$ 25,000
Upgrades to communications lines Ellendale to CFB	\$ 5,000
Purchased spare components for CFB	\$ 10,000
Design of North Bay Water Treatment Plant (Ongoing to Replace TLPS)	\$1,560,000
13 New Bleed offs Installed on Dead End Water Mains	\$ 100,000
Reamed and Cement Lined about 700 meters of 4 inch Watermain	\$ 350,000

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Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
Late 2003	Fluoride Spikes (12) ¹	<2.25	mg/L	dosing delay added	Jan 8/04
Mar 24/04	Free Chlorine Res.	0.00	mg/L	Flush + Resample	Mar 24/04
Mar 30/04	Free Chlorine Res.	0.04	mg/L	Perm. Flush. Instal.	Mar 30/04
Apr 7/04	Total Coliform	1.0	CFU	Flush + Resample	Apr 8/04
Apr 28/04	Pressure in Zone 4 ²	0.0	PSI	Flush + Resample	Apr 28/04
Apr 29/04	Total Coliform	3.0	CFU	Flush + Resample	Apr 29/04
May 3/04	Turbidity	1.11	NTU	Shut down Intake	May 3/04
May 18/04	Pressure in Zone 4 ³	0.0	PSI	Flush + Resample	May 18/04
Jun 29/04	Fluoride Spike	1.45	mg/L	SOP changed	Jun 29/04
Sep 11/04	GBP	>200	CFU	Flush + Resample	Sep 12/04
Oct 5/04	Turbidity (bubbles) ⁴	>1.0	NTU	No Action Required	N/A
Oct 28/04	Pressure in Zone 4 ⁵	0.0	PSI	Flush + Resample	Oct 28/04
Nov 5/04	Free Chlorine Res.	0.03	mg/L	Flush + Resample	Nov 6/04
Nov 10/04	Fluoride Spike	>1.0	mg/L	Shutoff + Repair Probe	Nov 24/04
Nov 21/04	GBP	>200	CFU	No Action - system out of Service	N/A
Nov 22/04	Free Chlorine Res.	0.00	mg/L	Flush + Resample	Nov 23/04
Dec 9/04	Turbidity	>1.0	NTU	No Action Possible	N/A
Dec 15/04	Pressure in Zone 4 ⁶	10.0	PSI	Flushed as Precaution	Dec 15/04

- 1 A recurring short duration fluoride spike occurred in 2003 when one pump shut down and the next pump started. Fluoride dosing was altered to shut down at the beginning of a pump change and to restarted after the next pump was fully operational. Twelve spikes were reported on January 8, 2004 with the highest spike being 2.24 mg/L
- 2 Computer communications lost due to thunder storm and system failed to refill reservoir before pump prime was lost.
- 3 Diesel Fire Pump serving Zone 4, required as backup, exploded upon start up.
- 4 Power loss caused pumps to shut down quickly causing bubbles that triggered a turbidity alarm on Treat Water only
- 5 Pressure loss related to an attempt to diagnose and repair CFB Reservoir problems with suction lines/foot valves and pumps losing prime
- 6 Blue events represent true adverse conditions measured in the City's water system while black events were reported as a precaution but are not true adverse events.

Microbiological testing done under section 8-2 during this reporting period

	Number of Samples	Range of E.Coli Or Fecal Results (#-#)	Range of Total Coliform Results (#-#)	Number of HPC Samples Or Background Colony Counts	Range of HPC Results (##) Or Background Colony Counts
Raw	52	0 - 9	0 - 69	52	56 - >200
Treated	52	0	0	52	0 - 6
Distribution	1021	0	0 - 3	1021	0 - >200

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

	Number of Grab Samples	Range of Results (#-#)
Turbidity (Raw)	8760	0.28 – 1.11 NTU
Chlorine (Treated) (Free Residual)	8760	0.00 – 1.89 mg/L
Chlorine Residual Distribution System (Free Residual)	8760*	0.00 – 2.00 mg/L
Fluoride (Treated) North Bay provides Fluoridation	8760	0.00 – 1.45 mg/L
Ultra Violet Light Dose	8760	42.10 – 89.5 mj/cm ²

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

* Note the City has 5 continuous chlorine residual measuring devices within the distribution system and also takes about 800 grab samples per year.

Summary of additional testing and sampling carried out in accordance with the requirement of an approval or order.

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

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	Jun 10, 2004	<0.0005 (BDL)*	mg/L	No
Arsenic	Mar 18, 2004	<0.0007 (BDL)*	mg/L	No
Barium	Mar 18, 2004	0.015	mg/L	No
Boron	Mar 18, 2004	<0.003 (BDL)*	mg/L	No
Cadmium	Mar 18, 2004	<0.0005 (BDL)*	mg/L	No
Chromium	Mar 18, 2004	<0.0005 (BDL)*	mg/L	No
Lead	Aug 20, 2004	0.0094* *	mg/L	No
Mercury	Mar 18, 2004	<0.0001 (BDL)*	mg/L	No
Selenium	Mar 18, 2004	<0.0008 (BDL)*	mg/L	No
Sodium	Mar 18, 2004	15	mg/L	No
Uranium	Mar 18, 2004	<0.0008 (BDL)*	mg/L	No
Fluoride	Mar 18, 2004	0.8	mg/L	No
Nitrite	June 10, 2004	<0.1 (BDL)*	mg/L	No
Nitrate	June 10, 2004	0.2	mg/L	No

* BDL = Below Detection Limits

** The City studied the most likely site to have elevated levels of Lead within the distribution system in 2003/2004 by sampling 10 sites at extreme ends of the distribution system on Mar 8th, Jun 10th, Aug 24th and October 27th. So far there has not been a site that can be identified as a permanent sampling location and comprehensive sampling will continue in 2005. The datum reported is for the highest reading obtained in 2004 at 489 Bunting Drive. This datum reading is suspect and may be subject to sampling error as all other data for this site are at or below detection limits.

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceed-ance
Alachlor	Mar 18/04	<0.5 (BDL)*	µg/L	No
Aldicarb	Mar 18/04	<5.0 (BDL)*	µg/L	No
Aldrin + Dieldrin	Mar 18/04	<0.012 (BDL)*	µg/L	No
Atrazine + N-dealkylated metabolites	Mar 18/04	<1.0 (BDL)*	µg/L	No
Azinphos-methyl	Mar 18/04	<2.0 (BDL)*	µg/L	No
Bendiocarb	Mar 18/04	<2.0 (BDL)*	µg/L	No
Benzene	Mar 18/04	<0.5 (BDL)*	µg/L	No
Benzo(a)pyrene	Mar 18/04	<0.01 (BDL)*	µg/L	No
Bromoxynil	Mar 18/04	<0.5 (BDL)*	µg/L	No
Carbaryl	Mar 18/04	<5.0 (BDL)*	µg/L	No
Carbofuran	Mar 18/04	<5.0 (BDL)*	µg/L	No
Carbon Tetrachloride	Mar 18/04	<0.2 (BDL)*	µg/L	No
Chlordane (Total)	Mar 18/04	<0.012 (BDL)*	µg/L	No
Chlorpyrifos	Mar 18/04	<1.0 (BDL)*	µg/L	No
Cyanazine	Mar 18/04	<1.0 (BDL)*	µg/L	No
Diazinon	Mar 18/04	<1.0 (BDL)*	µg/L	No
Dicamba	Mar 18/04	<2.5 (BDL)*	µg/L	No
1,2-Dichlorobenzene	Mar 18/04	<0.5 (BDL)*	µg/L	No
1,4-Dichlorobenzene	Mar 18/04	<0.5 (BDL)*	µg/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Mar 18/04	<0.024 (BDL)*	µg/L	No
1,2-Dichloroethane	Mar 18/04	<0.5 (BDL)*	µg/L	No
1,1-Dichloroethylene (vinylidene chloride)	Mar 18/04	<0.5 (BDL)*	µg/L	No
Dichloromethane	Mar 18/04	<1.0 (BDL)*	µg/L	No
2,4 Dichlorophenol	Mar 18/04	<0.5 (BDL)*	µg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	Mar 18/04	<1.0 (BDL)*	µg/L	No
Diclofop-methyl	Mar 18/04	<0.9 (BDL)*	µg/L	No
Dimethoate	Mar 18/04	<2.5 (BDL)*	µg/L	No
Dinoseb	Mar 18/04	<1.0 (BDL)*	µg/L	No
Diquat	Mar 18/04	<7.0 (BDL)*	µg/L	No
Diuron	Mar 18/04	<10.0 (BDL)*	µg/L	No
Glyphosate	Mar 18/04	<10.0 (BDL)*	µg/L	No
Heptachlor + Heptachlor Epoxide	Mar 18/04	<0.008 (BDL)*	µg/L	No
Linadane (Total)	Mar 18/04	<0.012 (BDL)*	µg/L	No
Malathion	Mar 18/04	<5.0 (BDL)*	µg/L	No
Methoxychlor	Mar 18/04	<0.024 (BDL)*	µg/L	No
Metolachlor	Mar 18/04	<0.5 (BDL)*	µg/L	No
Metribuzin	Mar 18/04	<5.0 (BDL)*	µg/L	No
Monochlorobenzene	Mar 18/04	<0.5 (BDL)*	µg/L	No
Paraquat	Mar 18/04	<1.0 (BDL)*	µg/L	No
Parathion	Mar 18/04	<1.0 (BDL)*	µg/L	No
Pentachlorophenol	Mar 18/04	<0.5 (BDL)*	µg/L	No
Phorate	Mar 18/04	<0.5 (BDL)*	µg/L	No
Picloram	Mar 18/04	<5.0 (BDL)*	µg/L	No

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Polychlorinated Biphenyls(PCB)	Mar 18/04	<0.05 (BDL)*	µg/L	No
Prometryne	Mar 18/04	<0.25 (BDL)*	µg/L	No
Simazine	Mar 18/04	<1.0 (BDL)*	µg/L	No
THM: 2004 Four Quarter Annual Average at TLPS (Treated)(DWSP)	Feb 11, Apr 4 Aug 20, Oct 27	23.75	µg/L	No
THM: 2004 Four Quarter Annual Average at Clarion Resort**	Mar 8, Jun 10, Jun 24, Oct 18	69.5	µg/L	No
THM: 2004 Four Quarter Annual Ave. at Canadore Aviation Campus**	Mar 8, Jun 10, Jun 24, Oct 18	66	µg/L	No
Temephos	Mar 18/04	<10.0 (BDL)*	µg/L	No
Terbufos	Mar 18/04	<0.7 (BDL)*	µg/L	No
Tetrachloroethylene	Mar 18/04	<0.5 (BDL)*	µg/L	No
2,3,4,6-Tetrachlorophenol	Mar 18/04	<0.5 (BDL)*	µg/L	No
Triallate	Mar 18/04	<1.0 (BDL)*	µg/L	No
Trichloroethylene	Mar 18/04	<0.5 (BDL)*	µg/L	No
2,4,6-Trichlorophenol	Mar 18/04	<0.5 (BDL)*	µg/L	No
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Mar 18/04	<1.0 (BDL)*	µg/L	No
Trifluralin	Mar 18/04	<1.0 (BDL)*	µg/L	No
Vinyl Chloride	Mar 18/04	<0.2 (BDL)*	µg/L	No

* BDL = Below Detection Limits

** The City undertook a study to determine the most likely site to have elevated levels of Total Trihalomethanes within the distribution system in 2003/2004 and 10 sample sites at extreme ends of the distribution system where sampled in Mar 8th, Jun 10th and Jun 24th. Sites selected for permanent sampling are 201 Pinewood Park Drive (Clarion Resort) and 55 Aviation Drive (Canadore Aviation Campus) and consequently were sampled on October 18, 2005. Four quarter averages for these two sites are thus provided and future sampling will continue at these sites only. It should be mentioned that all THM samples are “quenched” (fixed) upon taking the sample.

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

Parameter	Result Value	Unit of Measure	Date of Sample
THM	52	µg/L	March 19, 2004
THM	52	µg/L	March 18, 2004
THM	80	µg/L	June 10, 2004
THM	67	µg/L	June 10, 2004
THM	52	µg/L	June 10, 2004
THM	63	µg/L	June 10, 2004
THM	67	µg/L	June 10, 2004
THM	87	µg/L	June 10, 2004
THM	79	µg/L	June 10, 2004
THM	53	µg/L	June 10, 2004
THM	65	µg/L	August 20, 2004
THM	74	µg/L	August 20, 2004
THM	73	µg/L	August 20, 2004
THM	74	µg/L	August 20, 2004
THM	58	µg/L	August 20, 2004
THM	68	µg/L	August 20, 2004

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THM	64	µg/L	October 27, 2004
THM	69	µg/L	October 27, 2004
Lead	.0056	mg/L	March 18, 2004
Lead	.0052	mg/L	June 10, 2004
Lead	.0070	mg/L	June 10, 2004
Lead	.0094	mg/L	June 10, 2004
Lead	.0059	mg/L	June 10, 2004
Lead	.0051	mg/L	August 20, 2004
Fluoride*	.76	µg/L	January 1, 2004
Fluoride*	.76	µg/L	January 3, 2004
Fluoride*	.82	µg/L	January 4, 2004
Fluoride*	.80	µg/L	January 18, 2004
Fluoride*	.76	µg/L	February 4, 2004
Fluoride*	.77	µg/L	February 5, 2004
Fluoride*	.79	µg/L	March 5, 2004
Fluoride*	.78	µg/L	March 6, 2004
Fluoride*	.79	µg/L	March 7, 2004
Fluoride*	.79	µg/L	March 8, 2004
Fluoride*	.76	µg/L	March 9, 2004
Fluoride*	.77	µg/L	April 5, 2004
Fluoride*	.79	µg/L	April 6, 2004
Fluoride*	.79	µg/L	April 7, 2004
Fluoride*	.92	µg/L	April 8, 2004
Fluoride*	.95	µg/L	April 9, 2004
Fluoride*	.78	µg/L	April 10, 2004
Fluoride*	.77	µg/L	April 11, 2004
Fluoride*	.77	µg/L	April 12, 2004
Fluoride*	.85	µg/L	April 13, 2004
Fluoride*	.76	µg/L	April 14, 2004
Fluoride*	.87	µg/L	April 16, 2004
Fluoride*	.90	µg/L	April 17, 2004
Fluoride*	.90	µg/L	April 18, 2004
Fluoride*	.82	µg/L	April 19, 2004
Fluoride*	.89	µg/L	April 20, 2004
Fluoride*	.82	µg/L	April 21, 2004
Fluoride*	.82	µg/L	April 22, 2004
Fluoride*	.77	µg/L	April 23, 2004
Fluoride*	.78	µg/L	April 24, 2004
Fluoride*	.78	µg/L	April 25, 2004
Fluoride*	.79	µg/L	April 28, 2004
Fluoride*	.81	µg/L	May 1, 2004
Fluoride*	.83	µg/L	May 2, 2004
Fluoride*	1.01	µg/L	May 3, 2004
Fluoride*	.85	µg/L	May 4, 2004

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Fluoride*	.81	µg/L	May 5, 2004
Fluoride*	.80	µg/L	May 12, 2004
Fluoride*	.82	µg/L	May 13, 2004
Fluoride*	.82	µg/L	May 14, 2004
Fluoride*	.87	µg/L	May 15, 2004
Fluoride*	.93	µg/L	May 16, 2004
Fluoride*	.80	µg/L	May 17, 2004
Fluoride*	.82	µg/L	May 18, 2004
Fluoride*	.84	µg/L	May 19, 2004
Fluoride*	.87	µg/L	May 20, 2004
Fluoride*	.81	µg/L	May 22, 2004
Fluoride*	.84	µg/L	May 23, 2004
Fluoride*	.81	µg/L	May 24, 2004
Fluoride*	.80	µg/L	May 25, 2004
Fluoride*	.80	µg/L	May 26, 2004
Fluoride*	.77	µg/L	May 27, 2004
Fluoride*	.82	µg/L	May 29, 2004
Fluoride*	.83	µg/L	May 30, 2004
Fluoride*	.78	µg/L	June 3, 2004
Fluoride*	1.03	µg/L	June 5, 2004
Fluoride*	.78	µg/L	June 6, 2004
Fluoride*	.97	µg/L	June 14, 2004
Fluoride*	.92	µg/L	June 15, 2004
Fluoride*	.98	µg/L	June 21, 2004
Fluoride*	.97	µg/L	June 22, 2004
Fluoride*	1.06	µg/L	June 24, 2004
Fluoride*	1.45	µg/L	June 28, 2004
Fluoride*	.89	µg/L	June 29, 2004
Fluoride*	.78	µg/L	July 4, 2004
Fluoride*	.76	µg/L	July 5, 2004
Fluoride*	.77	µg/L	July 6, 2004
Fluoride*	.76	µg/L	July 8, 2004
Fluoride*	.90	µg/L	July 9, 2004
Fluoride*	.82	µg/L	July 10, 2004
Fluoride*	.77	µg/L	July 11, 2004
Fluoride*	.80	µg/L	July 12, 2004
Fluoride*	.77	µg/L	July 14, 2004
Fluoride*	.78	µg/L	July 15, 2004
Fluoride*	.80	µg/L	July 20, 2004
Fluoride*	.82	µg/L	July 21, 2004
Fluoride*	.83	µg/L	July 22, 2004
Fluoride*	.78	µg/L	July 23, 2004
Fluoride*	.78	µg/L	August 2, 2004
Fluoride*	.81	µg/L	August 3, 2004

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Fluoride*	.77	µg/L	August 4, 2004
Fluoride*	.81	µg/L	August 8, 2004
Fluoride*	.81	µg/L	August 9, 2004
Fluoride*	.76	µg/L	August 11, 2004
Fluoride*	.76	µg/L	August 25, 2004
Fluoride*	.78	µg/L	August 26, 2004
Fluoride*	.84	µg/L	September 2, 2004
Fluoride*	.77	µg/L	September 9, 2004
Fluoride*	.81	µg/L	September 24, 2004
Fluoride*	.82	µg/L	September 25, 2004
Fluoride*	.84	µg/L	September 28, 2004
Fluoride*	.76	µg/L	September 30, 2004
Fluoride*	.77	µg/L	October 1, 2004
Fluoride*	.76	µg/L	October 1, 2004
Fluoride*	.77	µg/L	October 1, 2004
Fluoride*	.81	µg/L	October 8, 2004
Fluoride*	.78	µg/L	October 9, 2004
Fluoride*	.93	µg/L	October 10, 2004
Fluoride*	1.20	µg/L	October 30, 2004
Fluoride*	1.12	µg/L	October 31, 2004
Fluoride*	1.15	µg/L	November 1, 2004
Fluoride*	.82	µg/L	November 3, 2004
Fluoride*	2.46	µg/L	November 4, 2004
Fluoride*	1.74	µg/L	November 5, 2004
Fluoride*	1.78	µg/L	November 6, 2004
Fluoride*	1.78	µg/L	November 7, 2004
Fluoride*	1.28	µg/L	November 8, 2004
Fluoride*	1.06	µg/L	November 9, 2004
Fluoride*	1.00	µg/L	November 10, 2004
Fluoride*	.86	µg/L	November 11, 2004
Fluoride*	1.70	µg/L	November 24, 2004
Fluoride*	.79	µg/L	November 25, 2004
Fluoride*	.76	µg/L	November 28, 2004
Fluoride*	.76	µg/L	November 29, 2004
Fluoride*	.76	µg/L	November 30, 2004
Fluoride*	.76	µg/L	December 1, 2004
Fluoride*	.76	µg/L	December 1, 2004
Fluoride*	.76	µg/L	December 1, 2004
Fluoride*	.76	µg/L	December 2, 2004
Fluoride*	.76	µg/L	December 3, 2004
Fluoride*	.76	µg/L	December 4, 2004
Fluoride*	.77	µg/L	December 5, 2004

- Half Max data is presented for all sample results collected in 2004 including continuous monitoring.

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(Only if DWS category is large municipal residential, small municipal residential, large municipal non-residential, non municipal year round residential, large non municipal non residential)

For More Information Please Contact:

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After March 31, 2005, a Summary Report, which will elaborate on the above information, as prepared under Schedule 22 of O. Reg. 170/03 will be available for viewing at:

**6th Floor, North Bay City Hall
200 McIntyre Street East
North Bay, Ontario
Engineering & Environmental Services Office**