



**PUBLIC WORKS SERVICES**

**Town of Newmarket**  
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FEBRUARY 2011

**2010 ANNUAL WATER QUALITY REPORT**

*Ontario's Drinking Water Systems Regulation (O.Reg. 170/03), made under the Safe Drinking Water Act, 2002 requires that the owner of a municipal drinking water system prepare an annual report on the operation of the system and the quality of its water.*

*Regulation (O.Reg. 170/30) requires that for the year 2010 the annual report will consist of quality reports dated from January 1, 2010 to December 31, 2010.*

*Reports are available for viewing on the Town's website, [www.newmarket.ca](http://www.newmarket.ca), at the counter of the Town of Newmarket Operations Centre, 1275 Maple Hill Court, and at the Community Services Commission, Engineering Services Department in the Municipal Offices at 395 Mulock Drive, Newmarket, Ontario. Annual water quality reports are also published by the Region of York on their website, which can be found at [www.york.ca](http://www.york.ca).*

*Any questions related to the Town's water system, this Report, or any water quality issue may be directed to the Overall Responsible Operator, Bill Wilson, Supervisor of Water/Wastewater Operations, Public Works Services Department at 905-953-5300 ext. 2553, by email at [bwilson@newmarket.ca](mailto:bwilson@newmarket.ca) or by mail to:*

*Town of Newmarket Operations Centre  
1275 Maple Hill Court  
Newmarket, ON  
L3Y 9E8*

*The Town of Newmarket owns and maintains the Town's water distribution network, which is comprised of approximately 292 kilometres of watermain, 2466 mainline valves, 2376 fire hydrants, and 25,876 metered water services.*

*Our source of water is primarily ground water supplied from wells owned and operated by the Region of York. Approximately 30% of our water supply is blended water (ground/surface water) being conveyed from the Town of Aurora through three interface connections along our southern boundary. The purpose of blending is to decrease the demand on the underground aquifer and provide additional security by having a second supply source to supplement the needs of our rapidly growing community. Regional storage reservoirs located throughout the Town provide additional storage and fire protection. Certified operators licensed by the Province of Ontario through the Ministry of Environment maintain the water distribution system of the Town of Newmarket.*

*Water treatment for the Town of Newmarket is provided by the Region of York through the process of chloramination (adding chlorine and ammonia).*

*The York-Durham Regional Environmental Laboratory in Pickering, an accredited laboratory registered with the Canadian Association of Environmental Analytical Laboratories (CAEAL), is under contract with the Town of Newmarket for water quality analysis of all water samples sent to them. This accredited laboratory meets or exceeds the stringent microbiology parameters that are in place for all drinking water systems in today's society.*

*Water samples are collected at various locations in town through the use of sample stations. This practice assures that samples are being drawn at locations which are representative of the water in the distribution system.*

*Newmarket's sampling numbers fall within the Provincial guidelines servicing populations of 100,000 or fewer. These guidelines require that a minimum of 8 samples per month plus one sample per 1,000 people be taken. At a population of 83,166 as determined from Statistics Canada the Town was required to take a minimum of 91 monthly samples in 2010. Newmarket is currently averaging 92 samples monthly, resulting in an average of 23 samples being taken per week.*

*The Town's sampling program searches for any adverse conditions that may be in the water drawn from sample stations. Newmarket's water sample results have historically been excellent. On rare occasion, where a presence of bacteria or other adverse condition is detected, re-testing is carried out to determine if the adverse condition was a result of the sampling procedure or of the water quality itself. Regardless of the result, town staff immediately employs corrective actions. This would include flushing of the system and additional samples/tests being carried out both upstream and downstream of the suspected area. Any other measures would*

be at the direction of the Ministry of Environment Spills Action Centre and/or the Medical Officer of Health as stated in **O.Reg. 170/03** under the Ontario's Drinking Water Protection Regulation.

The following is a list of all parameters sampled in 2010 including Microbiological, Organics, Inorganics, Disinfectant Residuals, and all exceedances reported as required by O.Reg. 170/03 of the Safe Drinking Water Act.

### MICROBIOLOGICAL PARAMETERS

Parameter	Regulated Limit	Number of Samples	Sampling Dates	Number of Detectable Results	Samples Exceeding Limit	Reported Exceedances
Heterotrophic Plate Count / HPC	*no current standards	523	Jan 11, 2010 – Dec 13, 2010	153	0	n/a
Total coliforms (MPN / PA)	0 MAC	1185	January 1 – December 31, 2010	2	2	<sup>2</sup> See reported exceedances attached
Escherichia coli / E. coli (MPN / PA)	0 MAC	1185	Jan. 1 – Dec. 31, 2010	0	0	n/a

### ORGANICS

Parameter	Regulated Limit	Number of Samples	Sampling Dates	Number of Detectable Results	Samples Exceeding Limit	Reported Exceedances
Bromodichloromethane	*no current standards	4	03/02/10 05/26/10 08/17/10 11/09/10	4	0 (avg. 0.0046 mg/L)	n/a
Bromoform	(one of the four trihalomethanes that make up the total trihalomethanes) (TTHMs)	4	03/02/10 05/26/10 08/17/10 11/09/10	4	0 (avg. 0.0004 mg/L)	n/a
Calcium	*no current standards	72	05/03/10 – 11/29/10	72	0 (avg. 39.807 mg/L)	n/a
Total Trihalomethanes (TTHM)	0.100 mg/L	4	03/02/10 05/26/10 08/17/10 11/09/10	4	0 (avg. 0.014 mg/L)	n/a

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## **INORGANICS**

<b>Parameter</b>	<b>Regulated Limit</b>	<b>Number of Samples</b>	<b>Sampling Dates</b>	<b>Number of Detectable Results</b>	<b>Samples Exceeding Limit</b>	<b>Reported Exceedances</b>
Alkalinity (total as CaCO <sub>3</sub> )	<i>Operational Guideline</i> 30-500 mg/L	53	Jan 4 – Oct 13, 2010	53	0 (avg. 177.887 mg/L)	n/a
Ammonia (total, as N)	<i>*no current standards</i>	72	05/03/10 – 11/29/10	71	0 (avg. 0.326 mg/L)	n/a
Chloride	<i>Aesthetic Objective (AO)</i> 250mg/L	72	05/03/10 – 11/29/10	72	0 (avg. 16.675 mg/L)	n/a
Chloroform	<i>(one of the four trihalomethanes that make up the total trihalomethanes) (TTHMs)</i>	4	03/02/10 05/26/10 08/17/10 11/09/10	4	0 (avg. 0.0062mg/L)	n/a
Dibromochloromethane	<i>(one of the four trihalomethanes that make up the total trihalomethanes) (TTHMs)</i>	4	03/02/10 05/26/10 08/17/10 11/09/10	4	0 (avg. 0.0030 mg/L)	n/a
Fluoride	1.5mg/L	72	05/03/10 – 11/29/10	72	0 (avg. 0.197 mg/L)	n/a
Hardness (total, as CaCO <sub>3</sub> )	<i>Operational Guideline</i> 80-100 mg/L	72	05/03/10 – 11/29/10	72	72 (avg. 164.639 mg/L)	*80-100 mg/L is an operational guideline only. These exceedances are non-reportable.
Lead (total) Distribution System Samples	0.01mg/L	59	January 4-October 13, 2010	59	1 (avg. 0.0012mg/L)	*see Reported Exceedances #1
Lead (total) Residential / Non-Residential Samples	0.01mg/L	95	January 4-October 13, 2010	95	0 (avg. 0.0006 mg/L)	n/a
Magnesium (total)	<i>*no current standards</i>	72	05/03/10 – 11/29/10	72	0 (avg. 15.835 mg/L)	n/a
Nitrate (as N)	10 mg/L (as nitrogen)	73	05/03/10 – 11/29/10	73	0 (avg. 0.101 mg/L)	n/a
Nitrite (as N)	1.0 mg/L (as nitrogen)	73	05/03/10 – 11/29/10	54	0 (avg. 0.028 mg/L)	n/a
o-Phosphate (as P)	<i>*no current standards</i>	72	05/03/10 – 11/29/10	6	0 (avg. 0.021 mg/L)	n/a
pH	<i>Operational Guideline</i> 6.5 - 8.5	746	Jan 22/10 to Dec 30/10	746	98 (avg. 8.027)	6.5 – 8.5 is an operational guideline only. These exceedances are non-reportable.

Potassium (total)	*no current standards	72	05/03/10 – 11/29/10	72	0 (avg. 1.092 mg/L)	n/a
Sodium (total)	<i>Aesthetic Objective (AO)</i> 200mg/L  Indicator of Adverse Quality 20 mg/L	72	05/03/10 – 11/29/10	72	12 (avg. 17.706 mg/L)	*see notes on Sodium in Drinking Water at end of report
Sulphate	<i>Aesthetic Objective (AO)</i> 500mg/L	72	05/03/10 – 11/29/10	72	0 (avg. 8.457 mg/L)	n/a

### **DISINFECTANT RESIDUAL MONITORING**

Parameter	Minimum Regulated Limit	Number of Samples	Number of Detectable Results	Range	Samples exceeding limit	Reported Exceedances
Chloramines (as combined chlorine)	0.25mg/L	4610	4610	0.00– 2.18mg/L 1.407 mg/L Average	41	*see Reported Exceedances attached

***\*Please refer to the “York Region Water Quality Report” @ [www.york.ca](http://www.york.ca) for more detailed information on treated water quality in Newmarket.***

### **Reported Exceedences**

1. 2010/01/27 (AWQI 93281)

- Sample Location: Sample Station SS-12 on Ainsworth Ave.
- Lead Exceedence (Result 0.0232 mg/L)
- Regulated standard is 0.010 mg/L
- Exceedence was reported to Region of York Medical Officer of Health, as well as Ministry of the Environment Spills Action Centre
- Flushed and Resampled location. Results came back within regulated standard (0.0001 mg/L).
- Resolution notice issued to MOE Spills Action Centre and York Region Medical Officer of Health 2010/02/05

2. 2010/04/26 (AWQI 94471)

- Sample Location: Hydrant at 362 Coventry Hill Court.
- Adverse Combined Residual (Results 0.23 mg/L).
- Regulated standard is 0.25 mg/L
- Flushed the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/04/26

3. 2010/04/26 (AWQI94473)

- Sample Location: Hydrant Opp. 106 Bristol Rd
- Adverse Chlorine Residual (Result 0.22 mg/L)
- Regulated standard is 0.25 mg/L
- Flushed the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/04/26

4. 2010/04/27 (AWQI94487)

- Sample Location: Hydrant fronting 18075 Yonge St.
- Adverse Combined Residual (Result 0.06 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/04/27

5. 2010/04/27 (AWQI94491)

- Sample Location: Hydrant fronting 535 Malvern Cres.
- Adverse Combined Residual (Result 0.18 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/04/27

6. 2010/04/29 (AWQI94507)

- Sample Location: Hydrant fronting 18075 Yonge St
- Adverse Combined Residual (Result 0.23 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/04/30

7. 2010/05/06 (AWQI94601)

- Sample Location: SS-24 (18100 Yonge St)
- Adverse Combined Residual (Result 0.22 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/05/06

8. 2010/05/08 (AWQI94638)

- Sample Location: Sample Station fronting 18100 Yonge St
- Adverse Combined Residual (Result 0.24 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/05/08

9. 2010/05/09 (AWQI94647)

- Sample Location: SS-24 (18100 Yonge St)
- Adverse Combined Residual (Result 0.21 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/05/10

10. 2010/15/17 (AWQI94739)

- Sample Location: Hydrant on Aspenwood Dr. opp. Marble Pl.
- Adverse Combined Residual (Result 0.17 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/05/17

11. 2010/05/17 (AWQI94747)

- Sample Location: Hydrant on Woodspring opp. Marble Pl.
- Adverse Chlorine Residual (Result 0.16 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/05/18

12. 2010/05/31 (AWQI95020)

- Sample Location: Hydrant on Bristol Rd. (Adj. to 378 Dorchester St)
- Adverse Combined Residual (Result 0.21 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/05/31 & 2010/06/02.

13. 2010/06/01 (AWQI95032)

- Sample Location: Hydrant fronting 337 Bristol Rd.
- Adverse Combined Residual (Result 0.23 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/06/01

14. 2010/06/04 (AWQI95143)

- Sample Location: Hydrant fronting 236 Flagstone Way
- Adverse Combined Residual (Result 0.22 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/06/04\

15. 2010/06/08 (AWQI95233)

- Sample Location: Hydrant fronting 346 Flagstone Way
- Adverse Combined Residual (Result 0.17 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/06/08 & 2010/06/09

16. 2010/06/15 (AWQI95339)

- Sample Location: Hydrant fronting 137 Alfred Smith Way
- Adverse Combined Residual (Result 0.22 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/06/16

17. 2010/06/16 (AWQI95369)

- Sample Location: Hydrant on Eagle St W, opp. John Browser Cres
- Adverse Combined Residual (Result 0.23 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/06/17



18. 2010/06/23 (AWQI95495)

- Sample Location: Hydrant opp. 752 Cedarwood Ave.
- Adverse Combined Residual (Result 0.17 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/06/24

19. 2010/06/24 (AWQI95548)

- Sample Location: Hydrant fronting 217 Muriel St.
- Adverse Combined Residual (Result 0.23 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/06/25

20. 2010/06/22 (AWQI95622)

- Sample Location: Hydrant opp. 752 Cedarwood Ave
- Adverse Combined Residual (Result 0.16 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/06/26 & 2010/06/28

21. 2010/06/27 (AWQI95627)

- Sample Location: Sample Station on Woodspring Ave.
- Adverse Combined Residual (Result 0.15 mg/L)
- Regulated standard is 0.25mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/06/28

22. 2010/06/28 (AWQI95634)

- Sample Location: Sample Station adj. 738 Cedarwood Ave (Flushed & monitored through hydrant opp. 752 Cedarwood Ave)
- Adverse Combined Residual (Result 0.08 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/06/29

23. 2010/06/28 (AWQI95635)

- Sample Location: Hydrant fronting 535 Malvern Cres.
- Adverse Combined Residual (Result 0.09 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/07/09

24. 2010/06/29 (AWQI95699)

- Sample Location: Hydrant fronting 341 Carruthers Ave
- Adverse Combined Residual (Result 0.17 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/06/29

25. 2010/06/29 (AWQI95725)

- Sample Location: SS-19 (Ford Wilson Blvd., opp. Dowson Loop)
- Total Coliform (Result Presence)
- Regulated standard is Absent
- Flushed and resampled at point of adverse and upstream and downstream.
- Results of resample (2010/06/30) absent of Total Coliform
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/07/07

26. 2010/06/30 (AWQI95766)

- Sample Location: 2<sup>nd</sup> Hydrant west of Yonge (on Aspenwood)
- Adverse Combined Residual (Result 0.16 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/07/02

27. 2010/07/02 (AWQI95804)

- Sample Location: Hydrant fronting 669 Chaleur Pl
- Adverse Combined Residual (Result 0.21 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled

- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/07/05

28. 2010/07/07 (AWQI95904)

- Sample Location: SS-08 (Adj. 238 Lorne Ave)
- Total Coliform (Result Presence)
- Regulated standard is Absent
- Flushed and resampled at point of adverse and upstream and downstream.
- Results of resample (2010/07/07) absent of Total Coliform
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/07/09

29. 2010/07/12 (AWQI96021)

- Sample Location: Hydrant fronting 91 Matthew Boyd Cres
- Adverse Combined Residual (Result 0.11 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/07/13

30. 2010/07/15 (AWQI96201)

- Sample Location: Hydrant fronting 273 McCaffery Ave
- Adverse Combined Residual (Result 0.05 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/07/16

31. 2010/07/26 (AWQI96453)

- Sample Location: Hydrant adj. 378 Dorchester St (on Bristol Rd.)
- Adverse Combined Residual (Result 0.17 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/07/26

32. 2010/07/27 (AWQI96577)

- Sample Location: Hydrant adj. 378 Dorchester St
- Adverse Combined Residual (Result 0.24 mg/L)
- Regulated standard is 0.25 mg/L

- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/07/29

33. 2010/07/29 (AWQI96678)

- Sample Location: Hydrant fronting 855 College Manor Dr.
- Adverse Combined Residual (Result 0.20 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/07/30

34. 2010/08/02 (AWQI96792)

- Sample Location: Fronting 335 Sandford St
- Watermain Break – Loss of Positive Pressure
- Watermain Repaired and chlorine residuals taken. Exceeded minimum standard
- Flush the system and resampled
- Acceptable Bacterial Samples taken next business day. Results forwarded to Medical Officer of Health and Ministry of Environment. 2010/08/03

35. 2010/08/03 (AWQI96801)

- Sample Location: Hydrant adj. 378 Dorchester St (on Bristol Rd)
- Adverse Combined Residual (Result 0.14 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/08/05

36. 2010/08/05 (AWQI96880)

- Sample Location: 2<sup>nd</sup> hydrant west of Yonge St. (on Aspenwood Dr)
- Adverse Combined Residual (Result 0.22 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/08/06

37. 2010/08/09 (AWQI96989)

- Sample Location: 432 Sydor Crt
- Adverse Combined Residual (Result 0.17 mg/L)
- Regulated standard is 0.25 mg/L

- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/08/09

38. 2010/08/12 (AWQI97152)

- Sample Location: 2<sup>nd</sup> hydrant West of Yonge St (on Aspenwood Dr)
- Adverse Combined Residual (Result 0.23 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/08/12

39. 2010/08/16 (AWQI97283)

- Sample Location: Hydrant on Rannie Rd @ Clearmeadow
- Adverse Combined Residual (Result 0.24 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/08/17

40. 2010/08/23 (AWQI97459)

- Sample Location: 459 Chester Ave
- Adverse Combined Residual (Result 0.13 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/08/24

41. 2010/10/12 (AWQI98565)

- Sample Location: Sydor Sample Station – Dead end of Sydor Crt
- Adverse Combined Residual (Result 0.14 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/10/12

42. 2010/11/02 (AWQI98949)

- Sample Location: Hydrant fronting 329 Dowson Loop
- Adverse Combined Residual (Result 0.19 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled

- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/11/04

43. 2010/11/03 (AWQI98976)

- Sample Location: Hydrant fronting 355 Cheryl Mews Blvd
- Adverse Combined Residual (Result 0.22 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/11/04

44. 201012/09 (AWQI99362)

- Sample Location: Hydrant on Bristol Rd adj. 378 Dorchester Crt.
- Adverse Combined Residual (Result 0.11 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/12/09

45. 2010/12/13 (AWQI99388)

- Sample Location: Hydrant fronting 1008 Portminister Crt
- Adverse Combined Residual (Result 0.10 mg/L)
- Regulated standard is 0.25 mg/L
- Flush the system and resampled
- Resolution notice issued to Region of York Medical Officer of Health and Ministry of the Environment Spills Action Centre. 2010/12/13

**\*\*re: SODIUM**

***“All natural waters contain some sodium. The guidelines for Canadian Drinking Water Quality and Ontario Drinking Water Standards set an aesthetic objective of 200mg/L. Sodium concentrations above 200mg/L may alter the taste of water.***

***The Ontario Drinking Water Systems Regulation 170/03 under the Safe Drinking Water Act requires reporting to the local Medical Officer of Health when sodium levels in public drinking water exceed 20mg/L or more. At this point, the local Medical Officer of Health informs local physicians, as such information is intended to help persons on sodium-restricted diets control their sodium intake.”***

York Region Community and Health Services factsheet – “Sodium in Drinking Water”  
Please follow link for more information: [http://www.york.ca/Services/Water/Water+Quality/Sodium\\_New.htm](http://www.york.ca/Services/Water/Water+Quality/Sodium_New.htm)