

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

### ANNUAL REPORT

<b>Drinking-Water System Number:</b>	260079131
<b>Drinking-Water System Name:</b>	McDougall Nobel Distribution System
<b>Drinking-Water System Owner:</b>	The Corporation of the Municipality of McDougall
<b>Drinking-Water System Category:</b>	"Large Municipal Residential" Drinking Water System
<b>Period being reported:</b>	January 1, 2009 to December 31, 2009

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

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

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

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

Municipality of McDougall  
 Municipal Administration Office  
 5 Barager Blvd, Nobel  
 RR#3, Parry Sound, ON  
 P2A 2W9  
 Phone (705) 342-5252

**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 Drinking-Water Systems, which receive all of their drinking water from your system:

None.

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.

- [ X ] Public access/notice via the web
- [ ] Public access/notice via Government Office
- [ X ] 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**

The drinking water system as of December 20, 2006 can be described as follows:  
A stand alone re-chlorination system boosting residual chlorine levels of the water distributed to the community of McDougall, from the existing North Sector Water Tower, located on the east side of Parry Sound Drive, approximately 220m north of Bayside Drive, as follows:

- A building having dimensions 2.4m x 2.6m attached to the base of the elevated water tower including;
- Two chemical metering pumps (one duty one stand-by) each rated at 1.66 L/hr at 828 kPa;
- One 200 L sodium hypochlorite storage tank;
- Continuous free chlorine residual analyzer; and
- An alarm system complete with a SCADA system.

For a more detailed description of the current system refer to Certificate of Approvals:

- 0098-6KQHND January 5, 2006
- 4717-6Q4GGX June 9, 2006
- 6940-6WLS5J December 20, 2006

**List all water treatment chemicals used over this reporting period**

The only chemicals used in relationship to the water system is sodium hypochlorite(chlorine).

Were any significant expenses incurred to? **NO**

- [NO ] Install required equipment
- [NO ] Repair required equipment
- [NO ] Replace required equipment

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

Normal operation and maintenance with no major additional expenses incurred.

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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**

AWQI #	Incident Date	Parameter	Result Avg/sin	Unit of Measure	Corrective Action	Corrective Action Date
86139	Jan 13/09	THM	107/86	ug/l	Re-sample	Jan 23/09
86216	Jan 19/09	THM	108/90	ug/l	None	Jan 23/09
86673	Feb 10/09	THM	108/89	ug/l	None	Feb 18/09
86973	Mar 2/09	THM	107/88	ug/l	Flush	Mar 6/09
87619	Apr 7/09	THM	102/80	ug/l	None	Apr 16/09
88397	Jun 1/09	THM	101/76	ug/l	Flush	Jun 4/09
90367	Aug 4/09	THM	103/128	ug/l	Re-sample	Aug 20/09
90593	Aug 11/09	THM	103/127	ug/l	None	Aug 20/09
91808	Oct 5/09	THM	101/107	ug/l	None	Oct 13/09
92273	Nov 2/09	THM	104/118	ug/l	Re-sample	Dec14/09
92429	Nov 16/09	THM	106/125	ug/l	None	Dec14/09

**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
<b>Raw</b>	n/a	n/a	n/a	n/a	n/a
<b>Treated</b>	n/a	n/a	n/a	n/a	n/a
<b>Distribution</b>	155	0-0	0-0	155	0-5

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

2008	Number of Grab Samples	Range of Results (#-#)
<b>Turbidity</b>	n/a	n/a
<b>Chlorine residual at North Tower</b>	<b>8760</b>	<b>.18-3.42</b>
<b>Chlorine Residual Distribution System (free)</b>	<b>362</b>	<b>.10-1.17</b>
<b>-Fluoride (If the DWS provides fluoridation)</b>	<b>N/A</b>	<b>N/A</b>

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

*NOTE: Record the unit of measure if it is not milligrams per litre.*

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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
Lead	Feb.26.09	.31	ug/l	No
Lead	Feb.26.09	.22	ug/l	No
Lead	Mar.24. 09	.44	ug/l	No
Lead	Mar.26.09	.12	ug/l	No
Lead	Aug.19.09	.15	ug/l	No
Lead	Aug.19.09	.16	ug/l	No
Lead	Aug.25.09	.16	ug/l	No
Lead	Sept.2.09	.16	ug/l	No
See Parry Sound Drinking Water Treatment System 2009 Annual Report				

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM (NOTE: show latest annual average)	various	125	ug/l	yes
See Parry Sound Drinking Water Treatment System 2009 Annual Report				

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
See Parry Sound Drinking Water Treatment System 2009 Annual Report			

(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)