

Society of Saint Vincent de Paul

Marygrove Camp

Drinking Water Annual Report 2016

Society of Saint Vincent de Paul
Marygrove Camp
1301 Champlain Road
Tiny, Ontario
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705 549-8951

Toronto Central Council Office
240 Church Street
Toronto, Ontario
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Drinking Water System Number: 260040794

Drinking Water System Name: Marygrove Camp
Owner: Society of Saint Vincent de Paul
Category: Small non-municipal non residential
Regulation 170/13
Certification – Trained Person: Louise Coutu

System Description:

Marygrove Camp well supply:

- Groundwater under direct influence of surface water
- Well located behind kitchen in fenced off utility area
- Back-up generator supplies power to the pump as needed

System set-up and treatment:

- Drilled well with two holding tanks
- Three stage big blues filtration system
- UV Disinfection
- Secondary disinfection by chlorine for distribution lines

Additional Treatment:

- Well is shocked at opening of season with four litres of chlorine bleach, left to sit in lines for 24 hours then flushed for 6 hours, repeated four more times during the season
- Dates: April 30, 2016 – system opened
May 1, 2016
June 11, 2016
June 25, 2016 – power outage
July 16, 2016
July 25, 2016
August 13, 2016
September 5, 2016

Maintenance:

- New Filters: May 12, 2016
July 16, 2016
August 13, 2016

- UV Bulb: Replaced May 1, 2015
- O Rings: Replaced on big blues on May 1, 2016
- Tubing: Cleaned – September 5, 2016
Requires replacement 2017

Sampling for E Coli and Total Coliform's:

Four samples are taken as follows:

Kitchen: (D) closest distribution point to the well
 First Aid: (D) furthest distribution point in lower camp
 Cabin 12: (D) furthest distribution point in upper camp
 Well: (R) raw - sampled prior to treatment

Samples are taken to Caduceus Laboratories in Richmond Hill
 Samples delivered. Results emailed within 1 week.

Sample Dates:

- May 2, 2016
- June 20, 2016 – bacteria as well as nitrites/nitrates/lead
- July 20, 2016
- July 28, 2015
- August 16, 2016 – bacteria as well as nitrites/nitrates

Adverse results are reported to the Director immediately via 24 hour emergency.
 Spills Action team notified. Resampling required prior to use of system. Orders come from Barrie Office and Midland supervisor.

Public Health Department SMDPH Unit: 705 721-7520
 Midland Office – Eric Watson: 705 526-9324

Nitrites and Nitrates:

Sampling required every three months:

June 20: Dining Hall, Kitchen, First Aid, Cabin 12
 August 16: Dining hall, Kitchen, First Aid, Cabin 12

Record Keeping:

Maintenance Log: Director – Cabin 12
 Chlorine Dosing Log: Maintenance – Kitchen Basement – recorded daily
 Chlorine – Free: Director – Cabin 12 – tested daily

Results:

All water sample tests were clear – no adverse tests results for 2016.
 System shut down September 29, 2016

Report Prepared By:
 Louise Coutu
 December 2016