

Society of Saint Vincent de Paul

Marygrove Camp

Drinking Water Annual Report 2015

Society of Saint Vincent de Paul
Marygrove Camp
1301 Champlain Road
Tiny, Ontario
L9M 0E7
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: May 1, 2015 – system opened
June 12, 2015
July 11, 2015
August 14, 2015
October 4, 2015

Maintenance:

- New Filters: May 1, 2015
July 12, 2015
- UV Bulb: Replaced May 1, 2015
- O Rings: Replaced on big blues on May 1, 2015
- Tubing: Cleaned – September 2, 2015
Requires replacement 2016

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 via courier to Central Analytical Laboratory in Orillia
Courier: Tuesdays, prior to 9:30 am - Penetang (PUC), 22 Centennial Drive.
Results faxed within 24 hours, emailed within 2 weeks.

Sample Dates:

- o May 4, 2015
- o June 9, 2015
- o July 7, 2015
- o July 28, 2015
- o August 17, 2015
- o September 28, 2015
- o October 13, 2015

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:

May 19: Dining Hall, Kitchen, First Aid, Cabin 12

August 17: 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 2015.

System shut down October 30, 2015

Report Prepared By:

Louise Coutu

December 2015