

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 6731-BHNLSY
Issue Date: April 15, 2020

Scouts Canada Central Ontario
Unit No. 120, 10 Kodiak Crescent,
Toronto, Ontario
M3J 3G5

Site Location: Everton Scout Camp
5286 Wellington Road 49 (7th Line)
Township of Guelph/Eramosa, County of Wellington
N0B 2K0

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

replacement of an existing septic system with one (1) seasonally operated Class 4 system to accommodate sanitary sewage service need of an existing Wheeler Lodge and an existing swimming pool; approval of two (2) existing individual Class 4 septic systems serving a year-round occupied Ranger House and a seasonally occupied Stone Lodge respectively in the developed area; and approval of multiple Class 1 systems serving seasonal cabins, Adirondacks, an Archery Range and camp sites in the wilderness area, on the Everton Scout Camp (open year round) property at the above location, in Township of Guelph / Eramosa, for the collection, transmission, treatment and disposal of sanitary sewage, consisting of the following,

Proposed Works

- One (1) new seasonally operated (May ~ October) Class 4 septic system with a Rated Capacity of 8,500 L/day, receiving sanitary sewage flow from the Wheeler Lodge including its kitchen (maximum occupancy of 125 people), and the swimming pool showers (June ~ September), including
 - one (1) new Sewage Lift Station collecting drainage from the Wheeler Lodge's kitchen, and the swimming pool showers,
 - one (1) 1500 mm diameter circular precast concrete wet well with a depth of 2100 mm, complete with a vent pipe and a hinged lockable access hatch at grade, equipped with duplex submersible sewage pumps (in alternating mode), each pump rated at 120 L/min at 8 m TDH, transferring flow to a new 25,500 L Septic Tank via a 50 mm diameter HDPE sewage forcemain with a length of approximately 50 m;

- One (1) new 2-compartment precast concrete 25,500 L Septic Tank, complete with inlet baffle and effluent filter, collecting sanitary from the Wheeler Lodge as well as pumped sewage flow from the small new sewage lift station, discharging to a new Leaching Bed system;
- One (1) new in-ground Absorption Trenches system located on the property in the open field northwest of the existing septic systems and upgradient of the monitoring wells MW-7 and MW-8 as shown in Drawing No.3 "Proposed Site Plan",
 - one (1) Dosing Station constructed in an 1800 mm diameter circular precast concrete well with a depth of 2600 mm, complete with a vent pipe and a hinged lockable access hatch at grade; equipped with duplex submersible sewage pumps (in alternating mode), each rated at 190 L/min at 10 m TDH; discharging effluent via a 75 mm diameter HDPE approximately 250 m forcemain to the distribution boxes of the new bed;
 - two (2) Distribution Boxes each measured 700 mm wide 1500 mm long x 600~900 mm deep; and
 - one in-ground Absorption Trench Bed with a total loading area of 1456 m² measured 65.0 m x 22.4 m, to be constructed in two (2) cells, each consisting of fourteen (14) runs of 75 mm diameter perforated PVC pipes spaced at 1.6 m from centre to centre, installed in fourteen (14) 500 mm wide x 300 mm deep x 30 m long clear washed stone trenches protected with permeable filter fabric covered with backfill soil, for a total distribution pipe length of approximately 840 m, trenches trace wired, underlain by minimum 900 mm thick of approved native soil with a percolation T-time of 20 min/cm.
- one (1) new 3,600 L 2-compartment precast concrete Septic Tank, equipped with an inlet baffle and an effluent filter, to replace the existing septic tank for Stone Lodge;
- one (1) dry pit latrine for Iroquois Adirondacks, to conform to OBC sections 8.3.2 Superstructure Requirements and 8.3.4 Privy Vaults, consisting of a sealed concrete vault (holding tank) constructed of precast circular rings and concrete base, with a wooden or fabricated plastic structure mounted on top; and

Decommissioning and Removal

- the existing septic tank for Wheeler Lodge;
- the existing small septic system for the Wheeler Lodge's kitchen, including an existing septic tank and a small soak-away consisting of 1 or 2 runs of distribution pipes;
- the existing soak-away for the swimming pool showers;
- the existing septic tank for the Stone Lodge; and
- the existing dry pit latrine serving Mic Mac Adirondack in the wilderness area.

Existing Works

Class 4 septic systems in the developed area near main entrance:

- One (1) Class 4 septic system with an estimated design capacity of 800 L/day, for Ranger House used year-round for maximum 4 camp staff, consisting of,
 - one (1) 2-compartment precast concrete septic tank with an estimated capacity of 8,100 L, equipped with effluent filter; and
 - one (1) in-ground leaching bed with a footprint of 18 m by 16 m including approximately 210 m distribution pipes at a spacing of 1.6 m.
- One (1) Class 4 septic system with an estimated design capacity of 900 L/day for Stone Lodge (used for one event for 1 week once every 3 years, with maximum occupancy capacity of 6 people), consisting of,
 - one (1) in-ground leaching bed with a footprint of 18 m by 13 m including approximately 174 m distribution pipes at a spacing of 1.6 m.
- One dechlorination system dedicated to the outdoor swimming pool, serving to routinely dechlorinate backwash water prior to backwash water overland disposal to a grassed area downgradient of the onsite water supply wells; also serving to dechlorinate the swimming pool water as needed prior to the pool water overland disposal to the same disposal location by the end of the season.

Class 1 sewage systems in the wilderness area:

These Class 1 sewage systems include dry pit latrines and portable toilets: each dry pit latrine consist of a sealed concrete vault constructed of precast circular rings and concrete base, with a wooden or fabricated plastic structure mounted on top; each portable toilet is with sealed vault as commonly used at construction sites; the vaults are pumped out regularly for off-site disposal.

- for cabins:
 - Lion's Lair: 2 seat pit latrine, each pit 900 mm diameter by 1200 mm deep;
 - Grand River Lodge: 2 seat pit latrine, each pit 900 mm diameter by 1200 mm deep;
 - Greenwood (capacity of 18 bunk beds): 1 seat dry pit latrine, pit is 900 mm diameter by 1200 mm deep;
 - Kumpf Cottage: 1 seat dry pit latrine, pit is 900 mm diameter by 2400 mm deep (2 concrete rings);
 - Lion's Lodge: 2 seat dry pit latrine, raised type, each pit 900 mm diameter by 1500 mm deep;
 - Cliff Cabin: portable toilet with a precast concrete pit 900 mm diameter by 1200 mm deep; and
 - Heasley Hut: portable toilet with a precast concrete pit 900 mm diameter by 1200 mm deep
- for the Adirondacks:
 - Huron: portable toilet with a precast concrete pit 900 mm diameter by 1200 mm deep;

- Cree: portable toilet with a precast concrete pit 900 mm diameter by 1200 mm deep;
- Mic Mac: portable toilet with a precast concrete pit 900 mm diameter by 1200 mm deep;
- Oneida: 2 seat dry pit latrine, raised type, each pit 900 mm diameter by 1200 mm deep;
- Seneca: 2 seat dry pit latrine, raised type, each pit 900 mm diameter by 1200 mm deep;
- Cayuga: 2 seat dry pit latrine, raised type, each pit 900 mm diameter by 1200 mm deep; and
- Algonquin: 1 seat dry pit latrine, raised type, pit is 900 mm diameter by 1200 mm deep.
- for the campsites:
 - 2 seat dry pit latrine, raised type, each pit 900 mm diameter by 1200 mm deep.
- for Archery Range:
 - portable toilet with a precast concrete pit 900 mm diameter by 1200 mm deep

all other controls, electrical equipment, instrumentation, piping, pumps, valves and appurtenances essential for the proper operation of the aforementioned sewage works;

all in accordance with supporting documents listed in **SCHEDULE A**.

For the purpose of this environmental compliance approval, the following definitions apply:

1. "Approval" means this entire Approval document and any Schedules to it, including the application and Supporting Documentation;
2. "Director" means a person appointed by the Minister pursuant to Section 5 of the EPA for the purposes of Part II.I of the EPA;
3. "Grab Sample" means an individual sample of at least 1000 millilitres collected in an appropriate container at a randomly selected time over a period of time not exceeding 15 minutes;
4. "District Manager" means the District Manager of the Guelph District Office;
5. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended;
6. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;
7. "Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;
8. "OBC" means the Ontario Building Code;
9. "Owner" means Scouts Canada Central Ontario and its successors and assignees;
10. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
11. "Rated Capacity" means maximum daily sanitary sewage design flow for which the Works are

approved to handle;

12. "Professional Engineer" means a person entitled to practice as a Professional Engineer in the Province of Ontario under a licence issued under the Professional Engineers Act;
13. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
14. "Supporting Documentation" means the documents listed in **SCHEDULE A** of this Approval;
15. "Works" means the approved sewage works, and includes Proposed Works, and Existing Works.

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL PROVISIONS

- (1) The Owner shall ensure that any person authorized to carry out work on or operate any aspect of the Works is notified of this Approval and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
- (2) Except as otherwise provided by these conditions, the Owner shall design, build, install, operate and maintain the Works in accordance with the description given in this Approval, and the application for approval of the Works.
- (3) Where there is a conflict between a provision of any document in the schedule referred to in this Approval and the conditions of this Approval, the conditions in this Approval shall take precedence, and where there is a conflict between the documents in the schedule, the document bearing the most recent date shall prevail.
- (4) Where there is a conflict between the documents listed in the Schedule submitted documents, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.
- (5) The Conditions of this Approval are severable. If any Condition of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.

2. EXPIRY OF APPROVAL

This Approval will cease to apply to those parts of the Works which have not been constructed within five (5) years of the date of this Approval.

3. CHANGE OF OWNER

(1) The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within thirty (30) days of the change occurring:

(a) change of Owner;

(b) change of address of the Owner;

(c) change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the *Business Names Act*, R.S.O. 1990, c.B17 shall be included in the notification to the District Manager;

(d) change of name of the corporation where the Owner is or at any time becomes a corporation, and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C39 shall be included in the notification to the District Manager;

(2) In the event of any change in ownership of the Works, other than a change to a successor municipality, the Owner shall notify in writing the succeeding owner of the existence of this Approval, and a copy of such notice shall be forwarded to the District Manager and the Director.

4. CONSTRUCTION

(1) The Owner shall ensure that the construction of the Works is supervised by a licensed installer, as defined in the *Ontario Building Code* or a Professional Engineer, as defined in the *Professional Engineers Act*.

(2) The Owner shall ensure that the Works are constructed such that minimum horizontal clearance distances as specified in the OBC are satisfied.

(3) Upon construction of the Works, the Owner shall prepare a statement, certified by a Professional Engineer, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry staff.

(4) The Owner shall prepare a complete set of "as constructed" drawings within one (1) year of Substantial Completion of the Works. The drawings must be retained at the site and kept current and shall be made available for inspection by Ministry staff.

5. OPERATIONS, MAINTENANCE, AND RECORDING

(1) The Owner shall ensure that at all times, the Works and related equipment and appurtenances which are installed or used to achieve compliance with this Approval are properly operated and maintained.

(2) The Owner shall ensure ongoing cleaning and maintenance of the indoor commercial-grade Grease Interceptor for the kitchen of Wheeler Lodge for removal of fats, oil and grease from the kitchen wastewater prior to entering the pumping station and septic tank.

(3) The Owner shall ensure that the septic tanks are pumped out every 3-5 years or when the tanks are

1/3 full of solids and the effluent filters are cleaned out at minimum once a year (or more often if required).

(4) The Owner shall ensure that grass-cutting is maintained regularly over the subsurface disposal beds, and that adequate steps are taken to ensure that the area of the underground works is protected from vehicle traffic.

(5) The Owner shall ensure that in the event a break-out is observed from a subsurface disposal bed, the sewage discharge to the bed is discontinued and the incident immediately reported verbally to the District Manager, followed by a written report within seven (7) days. The Owner shall ensure that during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to a surface water body or to the environment, and safely collected and disposed of through a licensed waste hauler to an approved waste disposal site.

(6) The Owner shall ensure the swimming pool water and backwash undergo sufficient dechlorination (Total Residual Chlorine shall be non-detectable as measured by a method with a sensitivity of at least 0.02 mg/L) prior to disposal; shall not cause erosion and sediment runoff; and shall record the dechlorination testing results.

(7) The Owner shall maintain a logbook to record the results of Operation and Maintenance activities specified in the above sub-clauses, and shall keep the logbook at the site and make it available for inspection by the Ministry staff.

(8) The Owner shall retain for a minimum of five (5) years from the date of their creation, all records and information related to or resulting from the Operation and Maintenance activities required by this Approval.

6. REPORTING

(1) One (1) week prior to the start up of the operation of the Proposed Works, the Owner shall notify the District Manager (in writing) of the pending start up date.

(2) In addition to the obligations under Part X of the EPA, the Owner shall, within ten (10) working days of the occurrence of any reportable spill as defined in Ontario Regulation 675/98, bypass or loss of any product, by-product, intermediate product, oil, solvent, waste material or any other polluting substance into the environment, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill or loss, clean-up and recovery measures taken, preventative measures to be taken and schedule of implementation.

SCHEDULE A

1. Environmental Compliance Approval Application submitted by and signed by applicant Ms. Valerie Smith of Scouts Canada Central Ontario, dated April 03, 2019, and all supporting documentation and engineering design information prepared by Mr. Grant Parkinson, P.Eng. of GM BluePlan Engineering Ltd..

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is imposed to ensure that the Works are built and operated in the manner in which they were described for review and upon which approval was granted. This condition is also included to emphasize the precedence of Conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review. The condition also advises the Owners their responsibility to notify any person they authorized to carry out work pursuant to this Approval the existence of this Approval.
2. Condition 2 is included to ensure that, when the Works are constructed, the Works will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment.
3. Condition 3 is included to ensure that the Ministry records are kept accurate and current with respect to the approved works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.
4. Condition 4 is included to ensure that the works are constructed, and may be operated and maintained such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented.
5. Condition 5 is included to require that the Works be properly operated, maintained, and equipped such that the environment is protected.
6. Condition 6 is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for all the terms and conditions outlined in this Approval, so that the Ministry can work with the Owner in resolving any problems in a timely manner.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;

6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

The Minister of the Environment,
Conservation and Parks
777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

AND

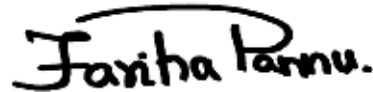
The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.gov.on.ca**

This instrument is subject to Section 38 of the Environmental Bill of Rights, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <https://ero.ontario.ca/>, you can determine when the leave to appeal period ends.

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 15th day of April, 2020



Fariha Pannu, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

YD/

c: District Manager, MECP Guelph
grant Parkinson, GM BluePlan Engineering Limited