

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 8643-BF2QE3

Issue Date: October 16, 2019

Barry & Linda Miles  
2292 Morgan Road  
Greater Sudbury, Ontario  
P0M 1L0

**Site Location:** Hidden Village Campgrounds  
2292 Morgan Road Chelmsford  
City of Greater Sudbury, District of Sudbury  
P0M 1L0

*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:*

the establishment of subsurface disposal works for the collection, transmission, treatment and disposal of domestic sewage rated at a maximum design capacity / design daily sanitary sewage flow noted against each sewage work, consisting of the following:

**Proposed Works**

**Upgrade to Sewage Works No. 1 (serving residence, comfort station and seven (7) campsites rated at 3,525 L/day**

One (1) precast concrete septic tank, with a capacity of 7,450 L, having a two-compartment tank with access risers to grade, equipped with an effluent filter installed on an outlet pipe, receiving gravity flow sewage from residence, comfort station and 7 campsites, discharging to the 90m leaching bed;

**Sewage Works No. 5, rated at 16,785 L/day, receiving blackwater from the 94 campsites and a community centre**

Sewage Works No. 5 to be constructed in the available property south of the existing trailer park near Morgan Road, receiving sanitary sewage from a community centre, and the 94 trailer sites discharging to the proposed Sewage Works No. 5 Septic tank, comprising;

One pre-cast concrete septic tank, receiving hauled sanitary sewage (blackwater) from the 94 campsites, having a capacity of 23000 L, complete with three Polylok PI-122 effluent filters to a 3000 L dosing tank;

One (1) precast dosing tank installed upstream of the leaching bed, having a single compartment with a total capacity of 3,000 L, complete with a pump capable to discharge the septic tank volume in 15 minutes at 2.84 L/s under TDH of 13.3 m, discharging via a 50mm forcemain to a proposed leaching bed;

One fully raised leaching bed consisting of fourteen (14) rows EZ Flow pipe, each with a length of 30 m for a total length of 420 m, installed in native sand with a percolation time of  $T = 5 \text{ min/cm}$  to achieve a minimum separation required between the high ground water table and the bottom of the trench, having a total contact area of  $624 \text{ m}^2$  ;

### **Existing Works**

**94 Class 2 leaching pits, one each located on the 94 campsites for disposal of greywater (dish/handwashing), each rated at 20 L/s and total combined capacity of 1,880 L/d**

Ninety Four (94) Class 2 leaching pits, one each located on the 94 campsites in the Hidden Village Campground, for disposal of greywater (dish/handwashing), each rated at 20 L/day leaching pit;

**Sewage Works No. 2 (serving easterly comfort station) rated at 2,250 L/day**

One (1) 4,500 Litre pre-cast septic tank, located south of the site No. 87, discharging by gravity to an existing leaching bed;

One leaching bed, located east of the site No. 87, comprising of six (6) runs of 15.2m long perforated distribution pipe;

**Sewage Works No. 3 (serving southerly comfort station) rated at 2,250 L/day**

One (1) 4,500 Litre pre-cast septic tank, located near site No. 62, discharging by gravity to an existing leaching bed;

One leaching bed located near site No. 62, comprising of six (6) runs of 15.2m long perforated distribution pipe;

**Sewage Works No. 4 (serving westerly comfort station) rated at 2,250 L/day**

One (1) 4,500 Litre pre-cast septic tank, located west of the site No. 10, discharging by gravity to an existing leaching bed;

One leaching bed having a 4,500 L capacity, located south of the site No. 18, comprising of six (6) runs of the total 15.2m long perforated distribution pipe;

all in accordance with the **Schedule A** in this Approval.

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

1. "Approval" means this entire document and any schedules attached to it, and the application;
2. "Director" means a person appointed by the Minister pursuant to section 5 of the EPA for the purposes of Part II.1 of the EPA;
3. "District Manager" means the District Manager of the Sudbury District;
4. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended;
5. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;
6. "Licensed Installer" means a person who is registered under the OBC to construct, install, repair, service, clean or empty on-site sewage systems;
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 Barry & Linda Miles, and their successors and assignees;
10. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
11. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
12. "Rated Capacity" means design daily sanitary sewage flow for which the Works are approved to handle;
13. "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, the application for approval of the works and the submitted supporting documents and plans and specifications as listed in this Approval.
3. Where there is a conflict between a provision of any submitted document 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 listed submitted documents, the document bearing the most recent date shall prevail.
4. Where there is a conflict between the 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 requirements of this Approval are severable. If any requirement of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such requirement to other circumstances and the remainder of this Approval shall not be affected thereby.

## **2. EXPIRY OF APPROVAL**

1. The approval issued by 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 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. Upon construction of the Works, the Owner shall prepare a set of as-built drawings showing the works "as constructed". "As-built" drawings shall be kept up to date through revisions undertaken from time to time and a copy shall be retained at the site for the operational life of the Works 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 that the septic tanks are pumped out every 3-5 years or when the tank is 1/3 full of solids and the effluent filter is cleaned out at minimum once a year (or more often if required).
3. The Owner shall ensure that grass-cutting is maintained regularly over the subsurface disposal bed, and that adequate steps are taken to ensure that the area of the underground works is protected from vehicle traffic.
4. The Owner shall ensure that in the event a break-out is observed from any of the subsurface disposal beds, 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 shall be safely collected and disposed of through a licensed waste hauler to an approved waste disposal site.

5. 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.
6. The Owner shall employ measurement devices to accurately measure or estimate quantity of effluent being discharged to each individual subsurface disposal system, including but not limited to water/wastewater flow meters, event counters, running time clocks, or electronically controlled dosing, and shall record the daily volume of effluent being discharged to the subsurface disposal system.
7. 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 week prior to the start up of the operation of the 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 *Environmental Protection Act*, 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.

## **7. DECOMMISSIONING OF UN-USED SEWAGE WORKS**

1. The Owner shall properly abandon any portion of unused existing sewage Works, as directed below, and upon completion of decommissioning report in writing to the District Manager.
  - a. any sewage pipes leading from building structures to unused sewage Works components shall be disconnected and capped;
  - b. any unused septic tanks, holding tanks and pump chambers shall

be completely emptied of its content by a licensed hauler and either be removed, crushed and backfilled, or be filled with granular material;

- c. if the area of the existing leaching bed is going to be used for the purposes of construction of a replacement bed or other structure, all distribution pipes and surrounding material must be removed by a licensed hauler and disposed off site at an approved waste disposal site; otherwise the existing leaching bed may be abandoned in place after disconnecting, if there are no other plans to use the area for other purposes;

*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 and 5 are 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 6 is included to ensure that the Ministry is made aware of problems as they arise, so that the Ministry can work with the Owner in resolving any problems in a timely manner.
6. Condition 7 is included to ensure that any components of un-used Works are properly decommissioned.

## Schedule A

1. Application for Environmental Compliance Approval June 1, 2015 and received on January 20, 2016 including Environmental Study Report, design report, final plans and specifications.

1.

*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](http://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 16th day of  
October, 2019

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

KH/  
c: District Manager, MECP Sudbury District.  
Pat Whissell, Canadian Shield Consultants