

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 3714-BUVP2F  
Issue Date: December 29, 2020

Alexandre Richard  
165 Mill St  
Kapusking, ON P5N 2W2

Site Location: 92 Ouellette Road  
Township of Moonbeam, ON P0L1V0

*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 sewage Works for the treatment and subsurface disposal of domestic sewage, rated at a maximum design capacity of 31,450 litres per day, to service a total of 74 seasonal camp sites located at Lakeside Campground in the Township of Moonbeam, consisting of the following:

● **Proposed Works:**

Phase 1 - Class 4 septic tank system:

Located on the east side of Priscilla Road, approximately 120 meters south of Ouellette Road, consisting of:

- Two (2) precast concrete single-compartment primary septic tanks with a capacity of 18,184 litres each and equipped with effluent filters;
- One (1) precast concrete single-compartment secondary septic tank with a capacity of 11,365 litres and equipped with effluent filter;
- One (1) 1,340 imp.gal. (minimum) precast concrete pumping chamber, equipped with two alternating pumps (two duty, one standby), both rated at 58 litres per minute with venting, waterproof and lockable cover, access risers with audible/visual alarm system, dosing effluent to the proposed combined phase 1&2 leaching bed described below via 50 mm diameter forcemain;

#### Phase 2 - Class 4 septic tank system:

Located on the west side of Unnamed Road, approximately 267 meters south of Ouellette Road, consisting of:

- Two (2) precast concrete single-compartment primary septic tanks with a capacity of 18,184 litres each and equipped with effluent filters;
- One (1) precast concrete single-compartment secondary septic tank with a capacity of 11,365 litres and equipped with effluent filter;
- One (1) 1,340 imp.gal. (minimum) precast concrete pumping chamber, equipped with two alternating pumps (two duty, one standby), both rated at 58 litres per minute with venting, waterproof and lockable cover, access risers with audible/visual alarm system, dosing effluent to the proposed combined phase 1&2 leaching bed described below via 50 mm diameter forcemain;

#### Phase 1&2 - Class 4 raised leaching bed:

Located approximately 56 meters south of Priscilla Road, receiving dosed effluent from both phase 1 and phase 2 septic tank systems described above, consisting of:

- one (1) raised leaching bed with a total mantle contact area of approximately 3,932 square metres extending at least 15 meters beyond the centre-line of the last chamber row in the direction of flow, consisting of two (2) identical beds each equipped with one (1) modified 2-hole distribution box discharging to one (1) modified 6-hole distribution box and leaching chambers (Quick 4, Equalizer 36 chambers in accordance with BMEC authorization # 01-01-253), with a total length of 262.8 metres per bed arranged in twelve (12) parallel runs each with a length of 21.9 metres and minimum bottom depth of 0.5 metres, all chambers equipped with a 75 millimetre diameter perforated distribution pipe and spaced at a minimum centre-line distance of 1.6 metres over a minimum depth of 900 mm of imported fill (5 cm/min percolation time) and covered by 200 mm of imported sand and 100 mm of topsoil;
- **Existing Works:**

#### Sewage Works at Residence (MN 170)

a sewage works with subsurface sewage disposal system designed and operated at a maximum capacity of 1,100 L/d to service a 2-bedroom building located at the above noted site location and consisting of the following:

#### **Septic Tank**

a precast concrete septic tank with a minimum capacity of 3,600 L to be equipped with an effluent filter, collecting wastewater from the building and discharging via gravity to an above-grade filter bed as described below;

## **Filter Bed**

an above-grade filter bed having a surface area of filter medium of 18 m<sup>2</sup> (3 m x 6 m) and a minimum of 250 mm thick expanded contact area of 56 m<sup>2</sup> (7 m x 8 m), consisting of three (3) rows of 75 mm dia perforated pipes approximately 5 m long spaced @ 1.0 m centre to centre, all installed in a 300 mm deep continuous stone layer over the surface of a minimum of 750 mm deep approved filter medium as per the OBC requirements; a minimum of 250 mm thick layer of imported fill with percolation time of less than 15 min/cm must be placed over area of approximately 280 m<sup>2</sup> (14 m x 20 m) between the base of the filter and the native soil;

## **Sewage Works at Residence (MN 118)**

a one-compartment precast concrete holding tank with a minimum capacity of 9,000 litres to be equipped with a vent pipe, waterproof lockable access opening and a high level alarm system, installed underground at minimum distance of 1.5 m from the building, and connected to a device that shall produce an audible and visual warning alarm

## **Sewage Works at Cottage (MN 114)**

two (2) precast concrete holding tanks installed in series, each a one-compartment tank with a capacity of 5,000 litres (total combined capacity of 10,000 L), installed underground at a minimum distance of 1.5 m from the Cottage; tanks to be vented, equipped with waterproof lockable access openings and a high level alarm system connected to a device that shall produce an audible and visual warning alarm;

## **Sewage Works at Residence (MN 22)**

a one-compartment precast concrete holding tank with a minimum capacity of 9,000 litres to be equipped with a vent pipe, waterproof lockable access opening and a high level alarm system, installed underground at minimum distance of 1.5 m from the building, and connected to a device that shall produce an audible and visual warning alarm to be installed underground at minimum distance of 1.5 m from the building;

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 Documentation submitted to the Ministry as listed in 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 Timmins District Office;
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 Alexandre Richard and his 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, and the application for approval of the Works.
3. Where there is a conflict between a provision of any document referred to in this Approval and the conditions of this Approval, the conditions in this Approval shall take precedence.
4. 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**

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. The Owner shall ensure that an imported soil that is required for construction of any subsurface disposal bed as per this Approval is tested and verified by the Professional Engineer or Licensed Installer for the percolation time (T) prior to delivering to the site location and the written records are kept at the site.
4. 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.
5. 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 tank is 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 the 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 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 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.

### Schedule A

1. Application for Approval of Municipal and Private Sewage Works, dated December 23, 2008 together with all supporting drawing, technical documentation and correspondence submitted together with this application.
2. Application for Approval of Municipal and Private Sewage Works, dated August 17, 2010 together with all supporting drawing, technical documentation and correspondence submitted together with this application.
3. Environmental Compliance Approval Application for a Municipal and Private Sewage Works submitted and signed by Alexandre Richard, Owner of Lakeside Campground, dated July 22, 2020 and received on August 14, 2020, and all supporting documentation and information.
4. Design Brief "Detailed Project Engineering Report - BHM Project No: 19-063, dated July 11, 2020, including calculations and engineering drawings, prepared by Barry Martin, Barry H. Martin Consulting Engineer and Architect.
5. Letter from Alexandre Richard, Owner of Lakeside Campground, dated July 22, 2020 confirming installation of previous works, dated December 3, 2020.

*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.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s).  
9746-8FHRVJ issued on May 12, 2011**

*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.

*Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.*

*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

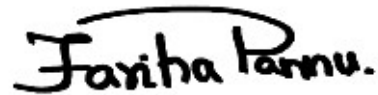
The Director appointed for the purposes of  
Part II.1 of the Environmental Protection Act  
Ministry of the Environment,  
Conservation and Parks  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* 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 29th day of December, 2020



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Fariha Pannu, P.Eng.

Director

appointed for the purposes of Part II.1 of the  
*Environmental Protection Act*

MS/

c: District Manager, MECP Timmins

Barry Martin, Barry H. Martin Consulting Engineer and Architect