

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 3083-C53SNJ
Issue Date: November 4, 2021

Robert James Griffin
16 Old Mill Rd
Leeds and the Thousand Islands, Ontario
K7G 2V4

Site Location: Griffin's Lakeside Cottages
1101 Gananoque Lake Rd
Township of Leeds and the Thousand Islands, United
Counties of Leeds and Grenville
K7G 2V4

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:

establishment, use and operation of sewage works for the treatment and subsurface disposal of domestic sewage, with a daily sanitary sewage flow 10,400 Litres per day (L/d) to service a dwelling, office/kitchen, and eight (8) cottages for tourist commercial use, located at the above noted location, and consisting of the following:

EXISTING WORKS

Sewage Works #1

one (1) two chamber 5,818 Litre capacity plastic septic tank (Septic tank #1) receiving sewage from the office/kitchen and owner's dwelling and discharging to pumping chamber #1 described below;

one (1) 473 Litre capacity pump chamber (pump chamber #1), receiving sewage from septic tank #1 and discharging to the leaching bed described below;

one (1) two-chamber 4,500 Litre capacity plastic septic tank (Septic Tank #2) receiving sewage from Cottages No. 1, 3, 7 and pump chamber #3 and discharging to pump chamber #2 described below;

one (1) 1,100 Litre capacity pump chamber (pump chamber #2), receiving sewage from septic tank #2 and discharging to the leaching bed described below:

one (1) leaching bed (absorption trenches), consisting of eight (8) runs of 18.2 m length and 76 mm diameter distribution pipe equally spaced 1.5 m apart, all installed in 300 mm layer of crushed stone.

Sewage Works #2

one (1) 4,141 Litre capacity plastic holding tank, equipped with a high level alarm, receiving sewage from Cottage No. 2;

Sewage Works #3

one (1) 9,450 Litre capacity concrete holding tank, equipped with a high level alarm, receiving sewage from Cottages No. 5 and 6;

Sewage Works #4

one (1) 1,480 Litre capacity concrete holding tank, equipped with a high level alarm, receiving sewage from Cottage 8;

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 Kingston District Office;
4. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended;
5. "Licensed Engineering Practitioner" means a person who holds a licence, limited licence or temporary licence under the *Professional Engineers Act*, R.S.O. 1990, c. P.28;
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, Ontario Regulation 332/12 (Building Code) as amended to January 1, 2015, made under the *Building Code Act*, 1992, S.O. 1992, c. 23;
9. "Owner" means Robert James Griffin 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 design daily sanitary sewage flow for which the Works are approved to handle;
12. "Works" means the approved sewage works at the site location.

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 terms and conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
2. The Owner shall design, construct, operate and maintain the Works in accordance with the conditions of this Approval.
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.

2. 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 address of Owner;
 - b. change of Owner, including address of new 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.

3. RECORD DRAWINGS

1. A set of record drawings of the Works shall be kept up to date through revisions undertaken from time to time and a copy shall be readily accessible for reference at the site location.

4. OPERATIONS, MAINTENANCE, AND RECORDING

1. The Owner shall ensure that, at all times, the Works and the related equipment and appurtenances 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 filters are cleaned out at minimum once a year (or more often if required).
3. The owner shall maintain and service the Works in such a manner that leaks and spills are prevented.
4. The owner shall have a valid agreement with a hauled sewage operator who is in possession of a Hauled Sewage Waste Management Systems Certificate of Approval, for the disposal of sanitary sewage from the holding tanks, on as required basis, and shall keep a copy of the valid Agreement at all times during the operation of Works.
5. 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.
6. The owner shall ensure that during the operating season, Trained personnel shall carry out a visual inspection of the high level alarms on the Holding Tanks daily to ensure that:
 - a. there is enough capacity in the holding tanks to ensure continuous operation of the facilities;
 - b. the integrity of the tanks is maintained (no leaks);
 - c. the operation of the Works is not causing adverse effects on the environment; and
 - d. that the Works are being operated in compliance with this approval.
 - e. the visual and audible alarms are in working order.
7. A record of the inspections and maintenance shall be kept in a daily log book that includes the following information:
 - a. the name and signature of the person that conducted the inspection and maintenance and

- responsible for the sewage pump out;
- b. the date and time of the inspection;
 - c. the remaining capacity in the holding tanks at the time of the inspection;
 - d. the date, time and volume of the sewage pump out from the holding tank(s) and septic tank(s);
 - e. a list of any deficiencies discovered or other observations (including location) of any leaks and/or spills at or around any component of the Works; and
 - f. recommendations for remedial action required to address deficiencies and the date, time and description of actions taken to mitigate the situation.
 - g. The Owner shall visually inspect the general area where sewage works are located for break-out, at a minimum, once every week during the operating season.
8. In the event a break-out is observed from the subsurface disposal bed, the Owner shall do the following:
- a. stop the discharge of sewage to the subsurface disposal system;
 - b. the incident shall be **immediately** reported verbally to the Spills Action Centre at (416) 325-3000 or 1-800-268-6060;
 - c. access to the break-out area shall be restricted until remedial actions are complete;
 - d. submit a written report to the District Manager within **one (1) week** of the break-out;
 - e. while the remedial actions are taking place, the sewage generated at the site shall not be allowed to discharge to the environment; and
 - f. sewage generated at the site shall be safely collected and disposed of through a licensed waste hauler to an approved sewage disposal site.
9. The Owner shall employ measurement devices to estimate the quantity of effluent being discharged to the leaching bed, including but not limited to 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.
10. 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.

5. REPORTING

1. In addition to the obligations under Part X of the EPA and O. Reg. 675/98 (Classification and Exemption of Spills and Reporting of Discharges), the Owner shall, within **fifteen (15) days** of the occurrence of any reportable spill as provided in Part X of the EPA and Ontario Regulation 675/98, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill, clean-up and recovery measures taken, preventative measures to be taken and a schedule of implementation.
2. The Owner shall prepare an annual performance report and submit to the District Manager of the Kingston District Office in an electronic format by March 31. The reports shall contain, but shall not be limited to, the following information:
 - a. a summary and interpretation of monitoring data, such as the time and volume of sewage pump-outs from each holding and septic tank(s), in the reporting period;
 - b. a summary of all inspections and maintenance carried out on the Works and required by the approval;
 - c. an overview of the success and adequacy of all Works;
 - d. a summary of any complaints received during the reporting period and any steps taken to address the complaints;
 - e. a summary of all spill, abnormal discharge events, or operating problems and the corrective actions taken; and
 - f. any other information the District Manager requires from time to time.

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 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.

3. Condition 3 regarding record drawings is included to ensure that the Works are constructed in accordance with the Approval and that record drawings of the Works "as constructed" are updated and maintained for future references.
4. Condition 4 is included to require that the Works be properly operated, maintained, and equipped such that the environment is protected.
5. Condition 5 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.

Schedule A

1. Application for Environmental Compliance Approval submitted by Robert James Griffin received on February 12, 2021 for the existing class 4 and class 5 subsurface sewage works, and all supporting documentation and information.

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

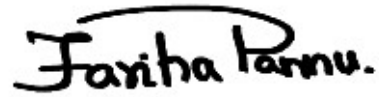
The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** 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 4th day of November, 2021



Fariha Pannu, P.Eng.

Director

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

ZM/

c: District Manager, MECP Kingston - District
Kaleb Lakew P. Eng. and Paul Villeneuve CET, Kollard Associates Inc.