



Ministry  
of the  
Environment

Ministère  
de  
l'Environnement

CERTIFICATE OF APPROVAL  
MUNICIPAL AND PRIVATE SEWAGE WORKS  
NUMBER 0113-54NLWB

Mr. Rudy Levacic and Ms. Maureen Levacic  
60 Chartwell Court,  
Kitchener, Ontario,  
N2A 3M2

Site Location: Sugar Bush Cottages  
1448 Mill Line Road, Bobcaygeon  
Galway-Cavendish-Harvey Township, County of Peterborough  
K0M 1A0

*You have applied in accordance with Section 53 of the Ontario Water Resources Act for approval of:*

replacement of existing sewage works with a three (3) sewage treatment and disposal systems rated at a combined capacity of approximately 15,900 L/d to serve Sugar Bush Cottages located approximately 5 km northeast of the Village of Bobcaygeon in the Township of Galway-Cavendish-Harvey described as follows:

**Sewage Works (cottage units 1-5 and 7-11)**

a sewage treatment and disposal system rated at capacity of approximately 10,450 L/d to serve existing cottage units 1-5 and 7-11 and comprising of the following:

- **Septic Tanks**  
two (2) two-compartment septic tanks as follows: first septic tank having a capacity of approximately 10,000 L collecting raw sewage from units 1-5 and a second septic tank having capacity of approximately 14,000 L collecting raw sewage from units 7-11 each septic tank discharging effluent to a Pump Chamber as described below;
- **Pump Chamber**  
one (1) one-compartment pump chamber having a total capacity of approximately 2,300 L and working capacity of approximately 1,760 L equipped with one (1) effluent pump rated at a capacity of approximately 90 L/min at a TDH of 9 m and discharging through an effluent filter installed on an outlet and via a 50 mm dia forcemain to a subsurface sewage disposal system as described below;
- **Subsurface Sewage Disposal System**  
an above grade leaching bed with an approximate total length of 100 mm dia distribution pipes of 224 m consisting of eight (8) runs of 28 m long distribution piping, located within clear stone surround and overlying an imported granular backfill with a percolation time of 4 min/cm and including a 250 mm thick mantle of unsaturated soil of the same material as that imported for the leaching bed and extending minimum 15 m beyond the outermost distribution pipes in any direction which the effluent will move laterally in the soil away from the leaching bed.

**Sewage Works (cottage units 12, 14, 15, 17 and house)**

a sewage treatment and disposal system rated at capacity of approximately 4,350 L/d to serve existing cottage units 12, 14, 15, 17 and a house and comprising of the following:

- **Septic Tank**  
one (1) two-compartment septic tank having a capacity of approximately 10,000 L collecting raw sewage from cottage units 12, 14, 15, 17 and a house and discharging effluent to a Pump Chamber as described below;
- **Pump Chamber**  
one (1) one-compartment pump chamber having a total capacity of approximately 910 L and working capacity of approximately 785 L equipped with one (1) effluent pump rated at a capacity of approximately 90 L/min at a TDH of 9 m and discharging through an effluent filter installed on an outlet and via a 50 mm dia forcemain to a subsurface sewage disposal system as described below;
- **Subsurface Sewage Disposal System**  
an above grade leaching bed with an approximate total length of 100 mm dia distribution pipes of 100 m consisting of

four (4) runs of 25 m long distribution piping, located within clear stone surround and overlying an imported granular backfill with a percolation time of 4 min/cm and including a 250 mm thick mantle of unsaturated soil of the same material as that imported for the leaching bed and extending minimum 15 m beyond the outermost distribution pipes in any direction which the effluent will move laterally in the soil away from the leaching bed.

**Sewage Works (cottage unit 16)**

a sewage treatment and disposal system rated at capacity of approximately 1,100 L/d to serve existing cottage unit 16 and comprising of the following:

- **Septic Tank**  
one (1) two-compartment septic tank having a capacity of approximately 3,600 L collecting raw sewage from a cottage unit 16 and discharging by gravity to a subsurface sewage disposal system as described below;
- **Subsurface Sewage Disposal System**  
a filter bed having a contact area of approximately 28 m<sup>2</sup> consisting of a 75 mm dia distribution pipes evenly spaced over a surface of a 750 mm deep approved filter medium.

all in accordance with the following supporting documents:

1. Application for Approval of Municipal and Private Sewage Works, dated June 22, 2001, submitted by Rudy Levacic of Sugar Bush Cottages.
2. Septic System Evaluation Report for Sugar Bush Cottages, dated March 2001, prepared by Geo-Logic Inc.
3. Letters, dated June 21, 2001 and July 30, 2001 from Nyle McIlveen of Geo-Logic Inc. to the Ministry.

*For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:*

- (1) "Director" means any Ministry employee appointed by the Minister pursuant to section 5 of the *Ontario Water Resources Act*;
- (2) "Ministry" means the Ontario Ministry of the Environment;
- (3) "District Manager" means the District Manager of the Peterborough District Office of the Ministry's Eastern Region;
- (4) "Owner" means Mr. Rudy Levacic and Ms. Maureen Levacic;
- (5) "licensed installer" means a person who holds a licence under Article 2.12.3.1 of the Ontario Building Code;
- (6) "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;
- (7) "works" means the sewage works described in the Owner's application, this certificate and in the supporting documentation referred to herein, to the extent approved by this certificate;
- (8) "sewage system" means the entire sewage treatment and subsurface disposal system.
- (9) "dia" means diameter;
- (10) "km" means kilometres;
- (11) "L" means Litres;
- (12) "L/d" means Litres per day;
- (13) "L/min" means Litres per day;
- (14) "m" means metres;

(15) "m<sup>2</sup>" means square metres;

(16) "mm" means millimetres;

(17) "TDH" means Total Dynamic Head;

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

## **TERMS AND CONDITIONS**

### **1. CONSTRUCTION**

1.1 The Owner shall ensure that the construction of the works is supervised by a licensed installer or a Professional Engineer.

1.2 Upon construction of the works, the Owner shall prepare a statement, certified by a licensed installer or a Professional Engineer, that the works are constructed in accordance with this Certificate of Approval, and upon request, shall make the written statement available for inspection by Ministry staff.

### **2. GENERAL CONDITION**

2.1 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 Certificate, the application for approval of the works and the submitted supporting documents and plans and specifications as listed in this Certificate.

2.2 Where there is a conflict between a provision of any submitted document referred to in this Certificate and the Conditions of this Certificate, the Conditions in this Certificate shall take precedence, and where there is a conflict between the listed submitted documents, the document bearing the most recent date shall prevail.

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

1. Conditions 1.1 and 1.2 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.
2. Condition 2.1 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.
3. Condition 2.2 is included to emphasize the precedence of Conditions in the Certificate and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review.

*In accordance with Section 100 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 101 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, provides that the Notice requiring the hearing shall state:*

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

*The Notice should also include:*

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;

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8. The municipality within which the works are located;

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

*This Notice must be served upon:*

The Secretary\*  
Environmental Review Tribunal  
2300 Yonge St., 12th Floor  
P.O. Box 2382  
Toronto, Ontario  
M4P 1E4

AND

The Director  
Section 53, *Ontario Water Resources Act*  
Ministry of the Environment  
2 St. Clair Avenue West, Floor 12A  
Toronto, Ontario  
M4V 1L5

**\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)**

*The above noted sewage works are approved under Section 53 of the Ontario Water Resources Act.*

DATED AT TORONTO this 23rd day of November, 2001

Mohamed Dhalla, P.Eng.  
Director  
Section 53, *Ontario Water Resources Act*

BM/  
c: District Manager, MOE Peterborough District Office  
Nyle McIlveen, P.Eng., Geo-Logic Inc.  
John Beaven, Township of Galway -Cavendish & Harvey