



Ministry  
of the  
Environment

Ministère  
de  
l'Environnement

CERTIFICATE OF APPROVAL  
MUNICIPAL AND PRIVATE SEWAGE WORKS  
NUMBER 1174-5F5L9D

Stewart and Sharon Bell  
2707 Buckhorn Road  
Smith-Ennismore-Lakefield, Ontario  
K0L 2H0

Site Location: Galvin Bay Resort  
Lot 28, Concession 15, Smith Ward  
Smith-Ennismore-Lakefield Township, County of Peterborough

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

a sewage treatment and subsurface disposal system to service north area of a transient use Galvin Bay Trailer Park Resort, located on the east side of County Road 23 at the north end of Chemong Lake in the Township of Smith-Ennismore-Lakefield, rated at a maximum sewage flow of 18,700 L/d and comprising of following:

#### **Septic Tank**

one (1) two-compartment septic tank, having a total capacity of approximately 68,200 L discharging to a pumping chamber as described below:

#### **Pumping Chamber**

one (1) one-compartment pumping chamber, having a total capacity of approximately 3,600 L and dosing volume of 2,760 L, equipped with two (2) effluent submersible pumps (set to alternate), each pump rated at approximately 210 L/min at a TDH of 11.6 m, each pump discharging the dosing volume in less than 15 minutes via one of the two (2) 38 mm dia parallel forcemains, each approximately 119 m long to a proposed subsurface sewage disposal system (one leaching bed is dosed at a time) as described below;

#### **Subsurface Sewage Disposal System**

a subsurface sewage disposal system comprising of two (2) above-ground leaching beds with a total length of distribution piping of 938.8 m, each leaching bed consisting of 16 runs of 100 mm dia perforated pipes (29.34 m long) installed within clear stone surround and overlying an imported granular backfill with a percolation time ranging from 8 to 10 min/cm, including a sand mantle extending a minimum of 15 m beyond the outermost distribution pipes in any direction which the effluent will move laterally in the soil away from the leaching beds.

all in accordance with the following documents:

1. Application for Approval of Municipal and Private Sewage Works, dated May 31, 2002, submitted by Stewart Bell of Galvin Bay Park Resort.
2. Sewage Waste Disposal System Design for Galvin Bay Resort (Project No. 00-1612), dated February 8, 2002, prepared by D. M. Associates Limited.
3. Final Drawings (Project No. 01-1612, Sheets 02 and 03) sealed on June 5, 2002 prepared by D. M. Associates Limited.

*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 Environment;
- (3) "District Manager" means the District Manager of the Peterborough District Office of the Ministry's Eastern Region;
- (4) "Owner" means Stewart and Sharon Bell;
- (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) "m" means metres;
- (11) "mm" means millimetres;
- (12) "L" means litres;
- (13) "L/d" means litres per day;
- (14) "L/min" means litres per minute; and
- (15) "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.

CONTENT COPY OF ORIGINAL

*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;
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 Environment and Energy  
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 7th day of November, 2002

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

BM/  
c: District Manager, MOE Peterborough District Office  
Bruce Bonner, P.Eng., D.M. Wills Associates Limited