



**CERTIFICATE OF APPROVAL**  
**MUNICIPAL AND PRIVATE SEWAGE WORKS**  
 NUMBER 4480-8H8QB3  
 Issue Date: June 2, 2011

1110817 Ontario Inc.  
 2880 Sheffield Road, Unit 3  
 Ottawa, Ontario  
 K1B 1A4

Site Location: Onassa Springs Subdivision - Phase 1  
 Part of Lots 22, 23, 24 and 25, Concession 4, Rideau Front  
 City of Ottawa

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

the establishment of stormwater management Works to serve the Onassa Springs Subdivision - Phase 1, in the City of Ottawa, for the treatment and disposal of stormwater runoff from a total catchment area of 30.1 ha, to provide Normal Level water quality protection, discharging to the previously approved stormwater management wet pond and/or the existing roadside ditch located along Cedarview Road and the existing roadside ditch located along Veteran's Memorial Hwy. 416 discharging to Stoney Swamp and all ultimately discharging to Graham Creek, for all storm events up to and including the 100-year return storm, consisting of the following:

- enhanced grassed swales located along both sides of: Onassa Circle (from approx. 93 m west of the intersection of Onassa Circle and Chopard Court to the intersection of Onassa Circle and Renoir Court), Chopard Court, Nelson Mandela Court, Breitling Court and Renoir Court and on Easement (from Chopard Court to Breitling Court), Block 59, Easement (from Block 59 to the stormwater management pond) and Easement (from Renoir Court to the stormwater management pond), designed to accommodate up to and including the 100-year return storm runoff from a catchment area of 20.8 ha, having an active storage volume of 983 cubic metres, a total length of 1784.7 m, a maximum ponding depth of 0.59 m, a 0.5% to 1.9% bottom grade, a bottom width of 0.4 m, a top width of 3.4 m to 4.6 m and 3:1 side slopes, discharging to the previously approved stormwater management wet pond;
- enhanced grassed swales located along both sides of Onassa Circle (from the intersection of Onassa Circle and Renoir Court to approx. 71 m west of Cedarview Road), designed to accommodate up to and including the 100-year return storm runoff from a catchment area of 1.6 ha, having an active storage volume of 36 cubic metres, a total length of 412.5 m, a maximum ponding depth of 0.15 m, a 0.97% bottom grade, a bottom width of 0.4 m, a top width of 3.4 m and 3:1 side slopes, discharging via a 525 mm diameter storm sewer located on Onassa Circle to the existing roadside ditch located along Cedarview Road and ultimately to Graham Creek;
- enhanced grassed swales located along both sides of: Onassa Circle (from approx. 69 m west of the intersection of Onassa Circle and Trilby Court to approx. 139 m east of the intersection of Onassa Circle and Trilby Court) and Trilby Court and on Easement (between Lots 13 and 14), Easement (along the southern boundary of Hydro Corridor (from Onassa Circle to approx. 181 m east of Onassa Circle), designed to accommodate up to and including the 100-year return storm runoff from a catchment area of 16.4 ha (including 8.7 ha of external undeveloped areas), having an active storage volume of 387 cubic metres, a total length of 522.1 m, a maximum ponding depth of 0.6 m, a 0.5% to 1.68% bottom grade, a bottom width of 0.4 m, a top width of 3.4 m to 4 m and 3:1 side slopes, discharging via the existing ditch located within the Onassa Springs Subdivision - Phase 1 to the existing roadside ditch located along Veteran's Memorial Hwy. 416 discharging to Stoney Swamp and ultimately to Graham Creek;

all in accordance with the application dated April 14, 2011 and received April 18, 2011, including the report entitled "Stormwater Management Brief for Phase 1 of the Emerald Estate Subdivision Part of Lots 22, 23, 24 and 25, Concession 4, Rideau Front, Former City of Nepean, City of Ottawa" dated February 2008 and updated February 2011, final plans and specifications prepared by J.F. Sabourin and Associates Inc.

## CONTENT COPY OF ORIGINAL

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

1. "Certificate" means this entire certificate of approval document, issued in accordance with Section 53 of the Ontario Water Resources Act, and includes any schedules;
2. "Director" means any Ministry employee appointed by the Minister pursuant to section 5 of the Ontario Water Resources Act;
3. "District Manager" means the District Manager of the Ottawa District Office of the Ministry;
4. "Ministry" means the Ontario Ministry of the Environment;
5. "Owner" means 1110817 Ontario Inc., and includes its successors and assignees;
6. "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.

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

### **TERMS AND CONDITIONS**

#### **1. GENERAL PROVISIONS**

- 1.1 The Owner shall ensure that any person authorized to carry out work on or operate any aspect of the Works is notified of this Certificate and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
- 1.2 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 Certificate, the application for approval of the Works and the submitted supporting documents and plans and specifications as listed in this Certificate.
- 1.3 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.
- 1.4 Where there is a conflict between the listed 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.
- 1.5 The requirements of this Certificate are severable. If any requirement of this Certificate, or the application of any requirement of this Certificate to any circumstance, is held invalid or unenforceable, the application of such requirement to other circumstances and the remainder of this Certificate shall not be affected thereby.

#### **2. EXPIRY OF APPROVAL**

The approval issued by this Certificate will cease to apply to those parts of the Works which have not been constructed within five (5) years of the date of this Certificate.

#### **3. CHANGE OF OWNER**

The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within thirty (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; and
- (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.

#### **4. OPERATION AND MAINTENANCE**

4.1 The Owner shall make all necessary investigations, take all necessary steps and obtain all necessary approvals so as to ensure that the physical structure, siting and operations of the stormwater Works do not constitute a safety or health hazard to the general public.

4.2 The Owner shall ensure that the design storage volumes are maintained at all times.

4.3 The Owner shall undertake an inspection of the condition of the stormwater management Works, at least once a year, and undertake any necessary cleaning and maintenance to ensure that sediment, debris and excessive decaying vegetation are removed from the above noted stormwater management Works to prevent the excessive build-up of sediment, debris and/or decaying vegetation to avoid reduction of capacity of the stormwater management Works. The Owner shall also regularly inspect and clean out the inlet to and outlet from the Works to ensure that these are not obstructed.

4.4 The Owner shall maintain a logbook to record the results of these inspections and any cleaning and maintenance operations undertaken, and shall keep the logbook at the site for inspection by the Ministry. The logbook shall include the following:

- (a) the name of the Works; and
- (b) the date and results of each inspection, maintenance and cleaning, including an estimate of the quantity of any materials removed.

#### **5. RECORD KEEPING**

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 Certificate.

*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 Certificate and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review.

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 approved works and to ensure that subsequent owners of the Works are made aware of the Certificate and continue to operate the Works in compliance with it.

4. Condition 4 is included as regular removal of sediment and excessive decaying vegetation from this approved stormwater management Works are required to mitigate the impact of sediment and/or decaying vegetation on the permeability of the Works. It is also required to ensure that adequate storage is maintained in the stormwater management Works at all times as required by the design and that the Works be properly operated and maintained such that the environment is protected.

5. Condition 5 is included to require that all records are retained for a sufficient time period to adequately evaluate the long-term operation and maintenance of the Works.

*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  
655 Bay Street, 15th Floor  
Toronto, Ontario  
M5G 1E5

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 2nd day of June, 2011

Sherif Hegazy, P.Eng.  
Director  
Section 53, *Ontario Water Resources Act*

KC/  
c: District Manager, MOE Ottawa District Office  
Jean François Sabourin, J.F. Sabourin and Associates Inc.  
Jacek Taracha, Sr. Infrastructure Approvals Engineer, City of Ottawa