

## Application Form and Guide for an EPEA Registration Code of Practice for Wastewater Systems Consisting Solely of a Wastewater Collection System

### Introduction

The attached form and guidelines outline the information required for an application for a registration of wastewater systems consisting solely of a wastewater collection system. The application has been prepared in accordance with the *Environmental Protection and Enhancement Act (EPEA) RSA 2000, c.E-12, the Approvals and Registrations Procedure Regulation 113/1993*, and the *Wastewater and Storm Drainage Regulation 119/1993*. Please ensure that each section of the application is completed in a concise and clear manner.

Wastewater systems consisting solely of a wastewater collection system includes sewers, valves, fittings, pumping / lift stations, and collection systems. For your information, the general steps and procedures that are followed when reviewing and issuing a Registration for municipal wastewater collection systems is illustrated by the attached flow chart (Figure 1).

Application for a new Registration for systems consisting solely of a wastewater collection system must contain written confirmation, by a Professional Engineer, that all aspects of the wastewater collection system design conform to the requirements of the Code of Practice, the Regulations under the Act, or a statement identifying and justifying any deviation. The plans and specifications submitted in support of the Code of Practice registration must also be signed and stamped by a Professional Engineer.

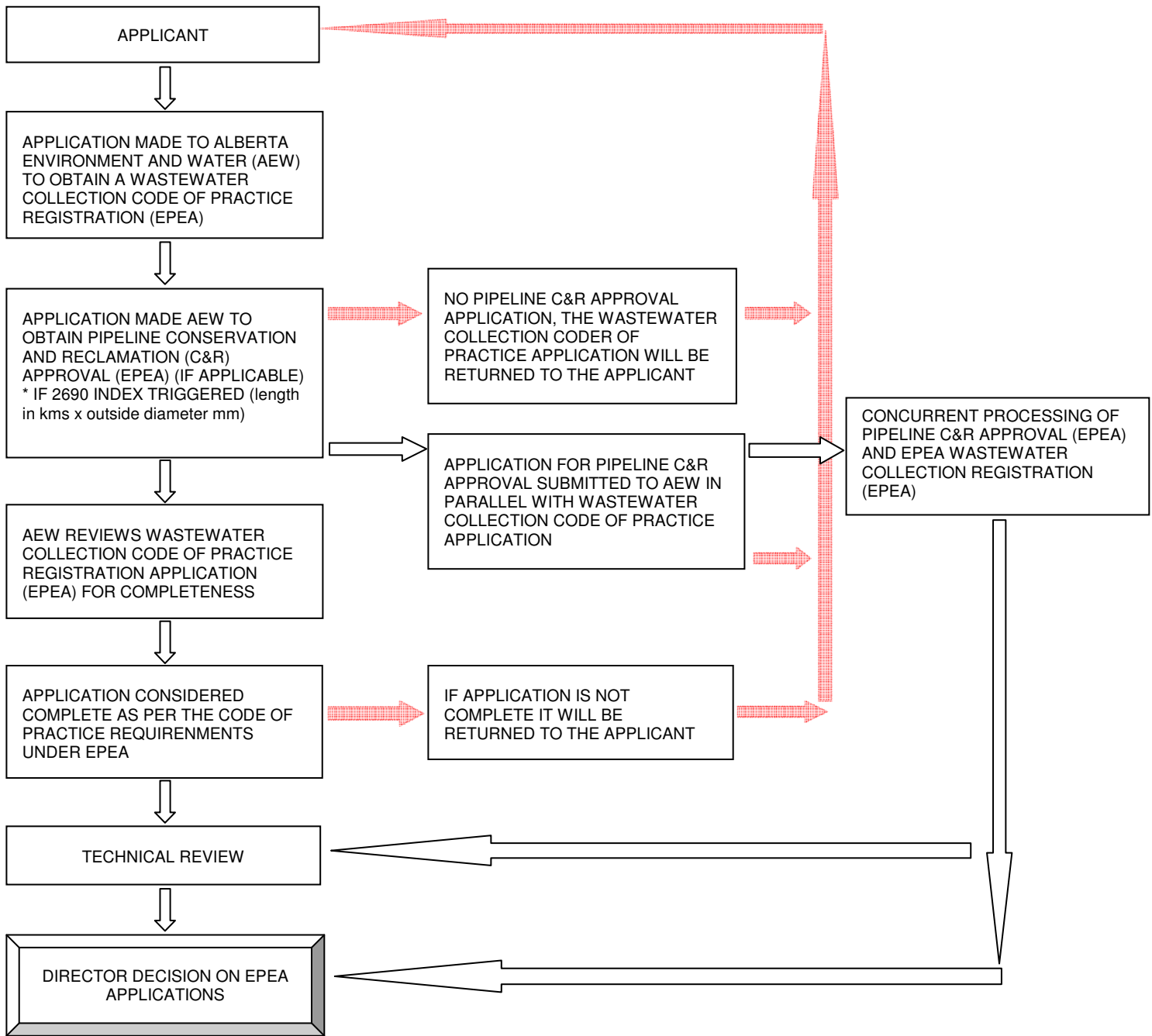
All information spaces in this application must be filled in or marked not applicable (N/A). Failure to provide all necessary information may cause the application to be rejected and returned to the applicant. All applications must be forwarded to:

Alberta Environment and Parks  
Regulatory Approvals Center  
5th Floor, South Petroleum Plaza  
9915 108 Street  
Edmonton, AB T5K 2G8  
Phone: 780-427-6311  
Fax: 780-422-0154  
E-mail: [aep.epeaapplications@gov.ab.ca](mailto:aep.epeaapplications@gov.ab.ca)

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FOIP STATEMENT: Personal information on this form is collected under the authority of section 33(c) of the Freedom of Information and Protection of Privacy (FOIP) Act and will be used to administer the *Environmental Protection and Enhancement Act* and its associated regulations. This form is a public record that is available to anyone. All information contained on this form (including personal information) is disclosed by Alberta Environment and Parks to anyone requesting a copy in accordance with Section 2 of the *Environmental Protection and Enhancement Act*, Disclosure of Information Regulation. For further information about the collection and use of this information please contact Alberta Environment and Parks – Regulatory Approvals Centre at [aep.epeaapplications@gov.ab.ca](mailto:aep.epeaapplications@gov.ab.ca) or call 780-427-6311.

**FIGURE 1: THE PROCEDURE FOR A CODE OF PRACTICE REGISTRATION FOR WASTEWATER SYSTEMS CONSISTING SOLELY OF A WASTEWATER COLLECTION SYSTEM**



# Application Form and Guide for an EPEA Registration Code of Practice for Wastewater Systems Consisting Solely of a Wastewater Collection System

## 1.0 Administrative Information

1.1 Name of the proposed wastewater collection system:

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1.2 Name and Address of wastewater collection system owner (Municipality / Commission / Utility / Water Co-op / Company):

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Contact Person: \_\_\_\_\_ Position: \_\_\_\_\_  
 Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email Address: \_\_\_\_\_

Is your organization listed and in good standing on the Corporate Registry?

Yes  No

1.3 Legal land description of the existing or proposed wastewater collection system:

Land Location \_\_\_\_\_ SEC \_\_\_\_\_ TWP \_\_\_\_\_ RG \_\_\_\_\_ M \_\_\_\_\_  
 Land Location \_\_\_\_\_ SEC \_\_\_\_\_ TWP \_\_\_\_\_ RG \_\_\_\_\_ M \_\_\_\_\_  
 Land Location \_\_\_\_\_ SEC \_\_\_\_\_ TWP \_\_\_\_\_ RG \_\_\_\_\_ M \_\_\_\_\_  
 Land Location \_\_\_\_\_ SEC \_\_\_\_\_ TWP \_\_\_\_\_ RG \_\_\_\_\_ M \_\_\_\_\_

**or**

Sections \_\_\_\_\_ to \_\_\_\_\_ TWP \_\_\_\_\_ RG \_\_\_\_\_ M \_\_\_\_\_  
 Sections \_\_\_\_\_ to \_\_\_\_\_ TWP \_\_\_\_\_ RG \_\_\_\_\_ M \_\_\_\_\_  
 Sections \_\_\_\_\_ to \_\_\_\_\_ TWP \_\_\_\_\_ RG \_\_\_\_\_ M \_\_\_\_\_  
 Sections \_\_\_\_\_ to \_\_\_\_\_ TWP \_\_\_\_\_ RG \_\_\_\_\_ M \_\_\_\_\_

**or**

Townships \_\_\_\_\_  
 \_\_\_\_\_

1.4 Submission of a map / plan of the area showing the location of the following landmarks must be submitted in support of the application. The map should show:

- (a) the connection where the new wastewater collection system will be made to the wastewater treatment provider (or other wastewater collection system);
- (b) pump/ lift stations (if any);

- (c) the location of flow meter(s) in the proposed system;
- (d) the location of any chemical injection facilities (if applicable); and
- (e) the wastewater collection lines in the present or proposed treated wastewater collection system.

1.5 Ultimate Wastewater Destination Information:

- (a) Name of wastewater treatment provider (or other wastewater collection system):

\_\_\_\_\_

- (b) EPEA Approval / Registration number of wastewater treatment provider (or other wastewater collection system):

\_\_\_\_\_

1.6 Operating staff and person(s) that will be responsible for the day to day operation of the wastewater collection system:

NAME OF OPERATOR(S)	POSITION	AEW CERTIFICATION		WORK PHONE #
		CERT. #	CLASS	

**2.0 Wastewater System (Technical Data)**

- 2.1 Submission of engineering drawings and specification including piping profiles and design capacity (signed and stamped by a Professional Engineer) of the proposed wastewater collection system. Yes
- 2.2 Submission of engineering drawings (signed and stamped by a Professional Engineer) of the connection details to the wastewater system receiving and /or treating the wastewater. Yes
- 2.3 All aspects of the design of the wastewater collection systems complies with the design requirements of:
  - (a) this Code of Practice; and

(b) the regulations under the Act.

Yes  No

If No, identification and justification of the deviation from this Code of Practice and/or the regulations under the Act: (with Engineer's signature and stamp)

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If Yes, *Environmental Protection and Enhancement Act* Project sign-off sheet is signed, stamped and included with this application form.

2.4 Length in kilometres of the wastewater collection system: \_\_\_\_\_ kms.

2.5 Population that will ultimately be served by the wastewater collection system: \_\_\_\_\_ persons.

2.6 Length of pipeline (kms) \_\_\_\_\_ X outside diameter (mm) \_\_\_\_\_ = \_\_\_\_\_.

Is the answer to the calculation above greater than 2690? Yes  No

If no, an EPEA approval for the Conservation and Reclamation (C&R) of a pipeline is not required.

If yes, an application under the *Environmental Protection and Enhancement Act* for an approval for the Conservation and Reclamation (C&R) of a pipeline is required, in addition / parallel to this application.

Application made for an approval for the C&R of a pipeline? Yes

Date of pipeline C&R approval submission: \_\_\_\_\_

2.7 Reclamation of existing approved or registered wastewater system (if applicable):

Submission of wastewater treatment plant (lagoon / mechanical wastewater plant) disconnection plan / schedule (if applicable):

Yes  No

If No, expected date of submission: \_\_\_\_\_

Submission of wastewater treatment plant (lagoon / mechanical wastewater plant) reclamation plan / schedule (if applicable):

Yes  No

If No, expected date of submission: \_\_\_\_\_

Submission of wastewater treatment plant (lagoon / mechanical wastewater plant) biosolids removal plan / schedule / biosolids spreading application (if applicable):

Yes  No

If No, expected date of submission: \_\_\_\_\_

### 3.0 Wastewater Collection System

#### 3.1 System Capacity:

FLOWS)	AVERAGE DAILY FLOW (m <sup>3</sup> / DAY)	MAXIMUM DAILY FLOW (m <sup>3</sup> / DAY)	PEAK HOURLY FLOW (L / HOUR)
Current			
Design			

3.2 Are there any septage dump stations? Yes  No   
 If Yes, how many \_\_\_\_\_ locations \_\_\_\_\_

Are the septage dump stations metered? Yes  No  Average monthly flows  
 (m<sup>3</sup>) \_\_\_\_\_

#### 3.3 Wastewater system metering:

Wastewater flow monitoring location(s): \_\_\_\_\_

3.4 Wastewater pumping: Yes  No

UNIT	POWER RATING (kW)	CAPACITY (L/s)

Total pumping capacity \_\_\_\_\_ (L/s).

Description and location of fuel source for pumping: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

3.5 Emergency Pumping and Genset: Yes  No

UNIT	POWER RATING (kW)	CAPACITY (L/s)

Total capacity of emergency pumps \_\_\_\_\_(L/s).

Description and location of fuel source for emergency pumping: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

3.6 Confirmation that all chemicals used in the wastewater system are NSF approved:  
 Yes  No  (If No, include non-NSF chemicals in the table below)

3.7 Inventory of all wastewater treatment chemicals used (including non NSF). (Please identify all the chemicals used seasonally or continuously, including pH adjusters, oxidants or disinfectants).

CHEMICAL NAME	NSF APPROVED YES/NO	CHEMICAL TYPE	POINT OF INJECTION	SEASONAL / CONTINUOUS

#### 4.0 Wastewater Application Signature (OWNER)

The *Environmental Protection and Enhancement Act* and Regulations, provide a specific definition for the "owner" and "person responsible for a wastewater system". Therefore, the person(s) responsible/person signing this document should be familiar with the applicable sections of the *Environmental Protection and Enhancement Act* and the Regulations.

The sections of the *Environmental Protection and Enhancement Act* and Regulations that are of particular relevance to wastewater systems are:

- (a) *Environmental Protection and Enhancement Act (EPEA) RSA 2000, c.E-12;*

- (b) *Environmental Protection and Enhancement Act Part 2, Division 2 (Approvals, Registrations and Certificates); Part 5 (Release of Substances); Part 10 (Enforcement*
- (c) *Activities Designation Regulation 276/2003;*
- (d) *Approvals and Registrations Procedure Regulation 113/1993;*
- (e) *Code of Practice for a Wastewater Systems Consisting Solely of a Wastewater Collection System, September 2003;*
- (f) *Wastewater and Storm Drainage Regulation 119/1993.*

I certify that I am the owner of the system and am familiar with the information contained in this application, and that to the best of my knowledge and belief, such information is true, complete and accurate.

\_\_\_\_\_  
*Printed Name of Person Signing*

\_\_\_\_\_  
*Title*

\_\_\_\_\_  
*Corporate Address*

\_\_\_\_\_  
*Corporate Postal Code*

\_\_\_\_\_  
*Corporate Telephone Number*

\_\_\_\_\_  
*Corporate Fax Number*

\_\_\_\_\_  
*Date of Application*

\_\_\_\_\_  
*Signature*



# EPEA Code of Practice for a Wastewater System Consisting Solely of a Wastewater Collection System

**Project Name/Type** \_\_\_\_\_

**Location** \_\_\_\_\_

**Municipality** \_\_\_\_\_

I acknowledge that I have reviewed the *Standards and Guidelines for Municipal Waterworks, Wastewater, and Storm Drainage Systems*, January 2006, and the *Code of Practice for a Wastewater System Consisting Solely Of A Wastewater Collection System*, and certify that the design of the above noted project complies with all of the requirements specified for the construction of the wastewater collection system.

SIGNED AND STAMPED by a professional engineer.

NAME

COMPANY

Submissions that are found to not be in accordance with the Standards and Guidelines may result in enforcement action and/or referral to APEGGA.

For projects that do not comply with all of the Standards and Guidelines please submit a detailed explanation of the deficiency and why it is necessary.