

Section 1 – Project Information

Project Name

Project Mailing Address

| | | | | |
|-------------------|------------|-------------|---------------------|-------------|
| Unit No. | Street No. | Street Name | Rural Route | PO Box |
| City/Town/Village | | | Province Ontario | Postal Code |

Section 2 – Applicant Declaration
Declaration

This is to certify that I, as the Applicant, understand that under the *Nutrient Management Act, 2002* and Ontario Regulation 267/03, I am required to retain professional engineering services for design and general review of certain projects and situations. I also understand that it is my responsibility to ensure that all general review reports by the Professional Engineer(s) will be forwarded promptly to the Chief Building Official at the local building authority. Should any retained Professional Engineer(s) cease to provide general reviews for any reason during construction, the Chief Building Official will be notified in writing immediately, and another Professional Engineer will be appointed so that general review continues without interruption during construction.

| | |
|---------------------|----------------------|
| Applicant Last Name | Applicant First Name |
| Applicant Signature | Date (yyyy/mm/dd) |

Select 1 of the following options:

- I have retained the following Professional Engineer, to undertake the overall coordination and completion of the engineering design and general review of construction. **If so, please complete Section 3 only.**
- I have retained the following Professional Engineers to provide engineering services for the following components of the engineering design and general review of construction. **If so, please complete Section 4 only.**

Section 3 – Professional Engineer

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
| Consulting Firm Location | | |

Section 4 – Professional Engineers
A. Site Characterization – Conducted in accordance with Ontario Regulation 267/03, as amended.

Geoscientist retained to perform a Site Characterization must be a member of the Association of Professional Geoscientists of Ontario.

| | | |
|--|-----------|-------------------|
| Professional Engineer or Geoscientist Name (first, last) | Signature | Date (yyyy/mm/dd) |
| Consulting Firm Location | | |

Select 1 of the following options:

- Design and General Review Design Only General Review Only

B. Synthetic or Compacted Soil Liner – Designed, constructed or installed in accordance with Ontario Regulation 267/03, as amended.

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
| Consulting Firm Location | | |

Select 1 of the following options:

- Design and General Review Design Only General Review Only

C. Earthen Storage Facilities – Siting, design and construction of a permanent nutrient storage facility made of earth, in accordance with Ontario Regulation 267/03, as amended, including transfer piping penetrations that prevent leakage.

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
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Consulting Firm Location

Select 1 of the following options:

Design and General Review Design Only General Review Only

D. Liquid Storage Facilities – Siting, design and construction of a permanent liquid nutrient storage facility in accordance with Ontario Regulation 267/03, as amended. Includes wall openings where transfer piping penetrates a permanent storage, sump or holding pit where nutrient leakage could occur. All such openings shall include provision for flexible watertight gasket or membrane to prevent leakage, and design details shall be included with the structural drawings. **Liner – Unless a designer has been identified in subsection B, then the following applies.** If the site characterization report either specifies a liner or reveals a soil condition that requires a liner be used, the structural engineer designing the storage is responsible for incorporating a liner in the design drawings and specifications, and for site review of same.

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
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Consulting Firm Location

Select 1 of the following options:

Design and General Review Design Only General Review Only

E. Transfer Systems – Designed, constructed or installed in accordance with Ontario Regulation 267/03, as amended. Includes piping, connections and fittings/couplings to prevent leakage of liquid nutrients transferred to a permanent liquid storage. Flush systems are considered transfer systems. Coordinate with structural engineer regarding wall penetrations for transfer system piping, and fittings that prevent leakage at the connection. **Commercial pump systems:** If the design of transfer system piping – type, size, operating pressure and gasketed connections – is clearly described in the pump manufacturer's installation guide and specification, then only site review of construction is required.

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|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
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Consulting Firm Location

Select (a) or (b) or both. Check the type of system that applies in each case.

(a) **Engineering Design**

- Gravity Flow System
- Commercial Pump System
- Non-commercial Pump System

(b) **Site Review of Construction**

- Gravity Flow System
- Commercial Pump System
- Non-commercial Pump System

F. Solid Storage Facilities – Siting, design and construction of a permanent solid nutrient storage facility in accordance with Ontario Regulation 267/03, as amended. Note: If a solid storage is to hold rainfall or any other liquid (excluding milkhouse washwater that meets the requirements of s.61.5 of the Regulation), it must be designed as a liquid storage (see Liquid Storage Facilities). Note: The structural engineer designing the storage must ensure a runoff management system is included as part of the storage design, and is in place.

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
|--|-----------|-------------------|

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Select 1 of the following options:

Design and General Review Design Only General Review Only

G. Vegetative Filter Strip System (VFSS) – Siting, design and construction in accordance with Ontario Regulation 267/03, as amended. See OMAFRA publication 826 for design details.

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
|--|-----------|-------------------|

Consulting Firm Location

Select 1 of the following options:

Design and General Review Design Only General Review Only

H. Facilities for the Storage of Off-Farm Anaerobic Digestion Material – Designed and constructed in accordance with Ontario Regulation 267/03, as amended, and all applicable law.

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
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Consulting Firm Location

Select 1 of the following options:

Design and General Review Design Only General Review Only

I. Regulated Mixed Anaerobic Digestion System – Designed and constructed in accordance with Ontario Regulation 267/03, as amended, and all applicable law.

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
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Consulting Firm Location

Select 1 of the following options:

Design and General Review Design Only General Review Only

J. Further Treatment System for Off-Farm Anaerobic Digestion Materials – Designed and constructed in accordance with Ontario Regulation 267/03, as amended, and all applicable law.

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
|--|-----------|-------------------|

Consulting Firm Location

Select 1 of the following options:

Design and General Review Design Only General Review Only

K. Design of Facility to Reduce Total Volatile Solids by at least 50 per cent – If digester operation has less than 20-day average AD treatment time, in accordance with Ontario Regulation 267/03, as amended, and all applicable law.

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
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Consulting Firm Location

Select 1 of the following options:

Design and General Review Design Only General Review Only

L. Design of Facility to Reduce Total Volatile Solids by at least 50 per cent – If digester is operated at less than 35 degrees Celsius in accordance with Ontario Regulation 267/03, as amended, and all applicable law.

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
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Select 1 of the following options:

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M. Minimization of Odour Emissions – For facilities accepting off-farm materials from Schedule 2, or facilities storing OC1 or OC2 Non-Agricultural Source Materials in accordance with Ontario Regulation 267/03, as amended, and all applicable law.

| | | |
|--|-----------|-------------------|
| Professional Engineer Name (first, last) | Signature | Date (yyyy/mm/dd) |
|--|-----------|-------------------|

Consulting Firm Location

Select 1 of the following options:

Design and General Review Design Only General Review Only