



## **Anaerobic Digestion Initial Feasibility Questionnaire**

Please complete the following questionnaire to the best of your ability,  
answering as many questions as you can.

These questions will help us learn more about your potential project.

Please return this questionnaire to us in one of the following ways:

Email: Email to [LHodge@CHFour.ca](mailto:LHodge@CHFour.ca)

Fax: Attention Letitia Hodge (613) 224 1642

Mail: C/O Letitia Hodge, 1390 Prince of Wales Drive, Suite 102, Ottawa, ON, K2C 3N6

### **Background Information**

1. Please provide your contact information:

Name: \_\_\_\_\_

Phone number: \_\_\_\_\_

Email: \_\_\_\_\_

2. Please provide the specific address of the farm/facility location where the proposed anaerobic digestion project will be located:

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Please describe what type(s) of farming/production activity you undertake (e.g., dairy farm, greenhouse operation, food processor, etc.):

Activity: \_\_\_\_\_

\_\_\_\_\_

**Feedstock Information**

**4a.** Please describe the volume and type of agricultural feedstocks (e.g., manure, crop residue, organic waste, etc.) that you have access to AND that is available for the proposed anaerobic digestion project (in liters, gallons or tons):

Feedstock 1

Volume: \_\_\_\_\_

Type: \_\_\_\_\_

Feedstock 2

Volume: \_\_\_\_\_

Type: \_\_\_\_\_

Feedstock 3

Volume: \_\_\_\_\_

Type: \_\_\_\_\_

**4b.** If agricultural feedstock volume is unknown, how many and what type of animals do you have that will provide feedstock for the proposed anaerobic digestion project?

Feedstock 1

Number of animals: \_\_\_\_\_

Type of animals: \_\_\_\_\_

Feedstock 2

Number of animals: \_\_\_\_\_

Type of animals: \_\_\_\_\_

Feedstock 3

Number of animals: \_\_\_\_\_

Type of animals: \_\_\_\_\_

**5.** Is this feedstock exclusively from your farm/facility, or is any portion projected to be supplied by neighbouring farms/facilities? (Please check)

All from own farm/facility  \_\_\_\_\_

Portion from neighbouring farms/facilities  \_\_\_\_\_

**Gas & Electrical Grid Information**

**6.** Do you have single phase or three-phase power supplied to your farm/facility?

Single phase  \_\_\_\_\_

Three-phase  \_\_\_\_\_

Don't know  \_\_\_\_\_

7. If you don't have three-phase power at your farm/facility, how far (in Meters) is the closest three-phase line to your farm/facility?

Under 250m       251 – 500m       501 – 1,000m   
 1,001 – 2,000m       Over 2,000m       Don't know

8. Do you have natural gas supplied to your farm/Facility? Yes/No

9. If no, how far (in meters) is the nearest natural gas pipeline to your farm/facility?

Under 250m       251 – 500m       501 – 1,000m   
 1,001 – 2,000m       Over 2,000m       Don't know

**Co-product Information**

10. Would you have a potential use for any excess heat (in the form of hot water) produced by the proposed anaerobic digestion project?

Yes       No       Maybe

11. How much land base (in acres or hectares) do you have to spread nutrients from the proposed anaerobic digestion project? This can include land other than that of your own farm/facility:

Land base: \_\_\_\_\_

**Livestock Information**

12. What type of manure collection system do you currently have?

Flush       Alley scrapper       Slatted barn       Don't have one       Other

13. What type of bedding do you currently use?

Sand       Sawdust       Straw       Don't use bedding       Other

**Spatial Information**

14. What is your existing manure storage capacity? (specify in units, such as m<sup>3</sup> or litres, not days)

Capacity: \_\_\_\_\_

15. How much available land do you have to build the proposed anaerobic digestion project?

Available land: \_\_\_\_\_

16. Do you anticipate any changes to your current operations? (e.g., herd expansion, new barn, production change, etc.)

Yes       No       Maybe