



Date: 1/7/2016

COMPANY INFORMATION

Company Name: CH4 Biogas, LLC	
Phone: 203-869-1446	Web Site: www.ch4biogas.com
Address: 30 Lakewood Circle N	City: Greenwich
State: CT	Zip Code: 06830

BUSINESS CONTACT

Name: Bob Blythe
Phone: 607-592-4727
Email: bblythe@ch4biogas.com
Address: 319 First Street
City: Atlantic Beach
State: FL
Zip Code: 32233

TECHNICAL CONTACT

Name: No response given
Phone: No response given
Email: No response given
Address: No response given
City: No response given
State: No response given
Zip Code: No response given

BUSINESS HISTORY

How long have you been in business? No response given

Are you part of a larger company? Yes No

Did you exist as another company before this company was formed? Yes No

If so, what was that company's name?

No response given

Number of employees? No response given

What is your business structure? No response given

What types of insurance and or surety do you provide?

No response given

References. Please provide customers or colleagues with whom we can discuss your business and performance.

Please include a separate list with company name, location, contact name and contact information.

No response given

Describe your business service(s). *For example: consulting, development, engineering, equipment sales, finance, other.*

No response given

Area or region of operation.

No response given

Does your company hold any patents or the rights to any patents? *Please identify.*

No response given

Do you manufacture equipment? Yes No *Please describe.*

No response given

Do you integrate equipment manufactured by others? Yes No

If you integrate, please list the names of the companies you represent.

No response given

How do you answer potential customer's question about financial strength of your company?

No response given

Do you offer technical/service support? Yes No *If so, what methods?*

No response given

Do you offer design services? Yes No *Please describe.*

No response given

Do you offer financing? Yes No *If so, what terms?*

No response given

Are you a full stop shop? *Design to construction to operate?* Yes No *Please describe.*

No response given

Do you have preferred partners? Yes No

If so, please list and provide contact information/identify partners by name.

No response given

Do you have any third-party verification/research that has been done on this technology? Yes No

If so, please describe.

No response given

Do you provide a performance guarantee? Yes No

If so, what are you guaranteeing? For example: up time, methane production, biogas production, parasitic load, throughput, O&M cost, percent recovery, other.

No response given

Are there any other aspects of your business that you feel should be included in this document?

No response given

INITIAL TECHNOLOGY OVERVIEW

This information is to guide in the development of a more specific and detailed Technology Information Request. Please answer the following questions for each Technology or Service Provided.

What is the name of the technology or service?

CH4 Biogas

What unit process is the technology used in?

For example: initial collection/transfer manure storage, energy recovery, primary/coarse solids recovery, advanced suspended/fine solids recovery, drying, struvite production, nitrification denitrification, ammonia stripping, algae, vermi composting, membrane filtration, evaporation, other.

Turnkey mixed waste biogas plants

How many systems have you installed on dairy farms or other livestock operations?

One

Size of farm(s)?

2000 cows

Location of farm(s)?

Wyoming County, NY

What's the smallest/largest farm for your system?

2000 cows

Input material description/characteristics:

For example: raw manure, digestate, screened digestate, suitable non-farm feedstocks, other.

Manure + regional food waste

Does the technology treat the full manure stream for a farm or a fraction of the stream?

Full manure stream

Do you consider this a mature system or ongoing farm development?

Mature

Any weather constraints? Yes No *Please describe.*

Any bedding constraints? Yes No *Please describe.*

No sand

Is this process scalable and to what extent (top and bottom limits)? Yes No *Please describe.*

Base system is 400 tons/day – expandable in 400 ton/day increments

Do you have a known scaling factor? Yes No *Please describe.*

Larger systems are more economical on a per ton basis

Input and output of your unit/system – do you have a mass balance analysis? Yes No *Please describe.*

See Cornell study

Do you consider this technology part of a larger system that you provide? Yes No *Please describe.*

A turnkey plant may include manure collection, food waste pre-processing, anaerobic digestion, biogas cleaning, renewable energy utilization

Has your technology been accepted by the NRCS? Yes No *Please describe.*

Would you be willing to provide information for a technical review? Yes No

Would you be willing to respond to a Request for Quotation (RFQ) on a generic project for comparison of your technology against other technologies in the same unit process? Yes No

Are there any other facts about this technology that you feel should be included in this document?