



Date: 4/21/2016

**COMPANY INFORMATION**

<b>Company Name:</b> Quality Flow, Inc	
<b>Phone:</b> 847-291-7674	<b>Web Site:</b> http://www.qualityflow.com/
<b>Address:</b> 3691 Commercial Ave	<b>City:</b> Northbrook
<b>State:</b> Illinois	<b>Zip Code:</b> 60062-1822

**BUSINESS CONTACT**

<b>Name:</b> Peter Kennedy
<b>Phone:</b> 847-291-7674 x 204
<b>Email:</b> pkennedy@qualityflow.com
<b>Address:</b> 3691 Commercial Ave
<b>City:</b> Northbrook
<b>State:</b> Illinois
<b>Zip Code:</b> 60062-1822

**TECHNICAL CONTACT**

<b>Name:</b> Peter Kennedy
<b>Phone:</b> 847-291-7674 x 204
<b>Email:</b> pkennedy@qualityflow.com
<b>Address:</b> 3691 Commercial Ave
<b>City:</b> Northbrook
<b>State:</b> Illinois
<b>Zip Code:</b> 60062-1822

**BUSINESS HISTORY**

How long have you been in business? 32 yrs

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?*

Number of employees? 8 full time

What is your business structure? Corporation

What types of insurance and or surety do you provide?

General Liability and workers compensation

**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.*

Foodbuy LLC,  
2400 Yorkmont Rd.  
Charlotte, NC 28217

Contact:  
Heidi Morgan, VP Business Needs  
1-704-328-4066

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

Consulting, Equipment Sales and Project Development

**Area or region of operation.**

National, with preferred concentration in the Midwest

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

Yes. Utility Patent pending Dairy Manure waste to Energy Process

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

**Do you integrate equipment manufactured by others?**  Yes  No

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

We are not a rep. company

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

We have significant corporate backing.

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

We will service what we sell

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

We have access to equipment design services

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

We can arrange financing for credit worthy companies USDA REAP and EQIP qualified.

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

**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.*

Yes. We have third party independent test for our off farm product.

**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.*

We will provide based upon equipment manufacturers specifications. Water filtration of UF through RO as applicable.

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

No

**INITIAL TECHNOLOGY OVERVIEW**

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**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.**

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**What is the name of the technology or service?**

On Farm Dairy Manure Separation System

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**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.*

Primarily course and fine solids recovery w/ membrane filtration and drying  
Membrane filtration for liquids.

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

N/A Seeking early adopter for commercialization

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**Size of farm(s)?**

Min. 1,000 head Dairy

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**Location of farm(s)?**

Preference Michigan

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

1,000+ (systems are scaleable)

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**Input material description/characteristics:**

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

raw manure, digestate, screened digestate (No FOG; Fats, Oil, or Grease)

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

Process can treat all dairy manure on farm (liquids and solids)

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

Ongoing development

**Any weather constraints?**  Yes  No *Please describe.*

Yes. Process must be housed away from inclement weather (No freezing)

**Any bedding constraints?**  Yes  No *Please describe.*

Prefer sand bedding

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

Yes. Min. 1000 cows and up

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

N/A

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

N/A

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

No. Not for on the farm

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

N/A

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?

This on farm technology has been used by other companies