



Date:

**COMPANY INFORMATION**

<b>Company Name:</b> US Farm Systems	
<b>Phone:</b> 1-559-685-0340	<b>Web Site:</b> http://www.usfarmsystems.com/
<b>Address:</b> 2955 South K ST	<b>City:</b> Tulare
<b>State:</b> CA	<b>Zip Code:</b> 93274

**BUSINESS CONTACT**

<b>Name:</b> Rejean Houle
<b>Phone:</b> 559-967-5557
<b>Email:</b> rhoule@usfarmsystems.com
<b>Address:</b> 2955 South K ST
<b>City:</b> Tulare
<b>State:</b> CA
<b>Zip Code:</b> 93274

**TECHNICAL CONTACT**

<b>Name:</b> Rejean Houle
<b>Phone:</b> 559-967-5557
<b>Email:</b> rhoule@usfarmsystems.com
<b>Address:</b> 2955 South K ST
<b>City:</b> Tulare
<b>State:</b> CA
<b>Zip Code:</b> 93274

**BUSINESS HISTORY**

**How long have you been in business?** 36 years

**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?** 80

**What is your business structure?** Corporation

**What types of insurance and or surety do you provide?**

Response not 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.*

Gary Bos Dairy, Tulare CA, Gary Bos, 559-686-2036  
Harris Manufacturing, Fresno CA, Robert Cain, 559-268-7422

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

Manufacturing and servicing of wastewater handling equipment

**Area or region of operation.**

USA, Mexico, Saudi Arabia, Europe, Australia, China, South America, Vietnam, Indonesia

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

Yes

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

Manufactured in Tulare CA

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

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

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

Excellent

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

Service Dept, Parts Dept

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

Full engineering for integration of our equipment

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

Case by case

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

Yes, for our equipment only.

**Do you have preferred partners?**  **Yes**  **No**

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

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

*If so, please describe.*

Yes, Clemson University of South Carolina.

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.*

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?

First stage Bedding, Second stage to remove extra nutrients before irrigation.

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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.*

collection/transfer manure storage  
coarse solids recovery by screw press to dry material  
fine solids recovery by roller press to dry material

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

Over 300

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### Size of farm(s)?

100 to 10,000 cows

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### Location of farm(s)?

USA, Mexico, Saudi Arabia, Europe, Australia, China, South America, Vietnam, Indonesia

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

100  
10,000

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**Input material description/characteristics:**

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

All

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

Full

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

Mature

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

Not if installed in heated building

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

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

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

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

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

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

Yes, in California

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?

We use the minimum amount of water needed to process unlimited amount of recycled bedding. When adding second stage system, the irrigation water should not exceed 1% TSS solid going to the storage final lagoon making it easy to irrigate through pivot.