



Date: 01/05/16

COMPANY INFORMATION

Company Name: Multiform Harvest Inc.	
Phone:	Web Site: http://www.multiformharvest.com/
Address: 2033 6th Avenue, Suite 253	City: Seattle
State: WA	Zip Code: 98121-2580

BUSINESS CONTACT

TECHNICAL CONTACT

Name: Keith Bowers
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Address: 2033 6th Avenue, Suite 253
City: Seattle
State: WA
Zip Code: 98121-2580

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BUSINESS HISTORY

How long have you been in business? 13 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? 3

What is your business structure? C Corp

What types of insurance and or surety do you provide?

As required by client

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.

Daritech Inc. (Lynden WA)
West Boise Wastewater Treatment Plant
Yakima Wastewater Treatment Plant

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

Provider of technology for removal of excess phosphorus from wastewater in the form of struvite, a high-quality fertilizer.

Area or region of operation.

North America

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

Yes, several patents on the wastewater processes and on the pelletizing, forming, and blending of the struvite fertilizer product.

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

We use subcontractors to fabricate and assemble equipment.

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?

By pointing out we have been in business since 2003 and have commercial operations that continue to grow.

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

Yes, as required by client.

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

As part of the provision of our systems.

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

As required by the client.

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

Yes, if required by the client.

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, please see WERF study of 2012/2013 on struvite technology for removal of excess phosphorus from wastewater.

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.

Yes, if required by client. Guarantee is generally on % phosphorus removal and/or chemicals consumption.

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

Will depend on the area of client interest.

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?

Multiform Harvest Inc.

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.

Removal of phosphorus from wastewater prior to irrigation onto acreage.

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

2

Size of farm(s)?

1000 to 2000 animals

Location of farm(s)?

Washington State and Maryland

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

No limit to how large or small a farm can use the technology, as long as the farm has a high phosphorus liquid stream.

Input material description/characteristics:

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

Wastewater prior to irrigation.

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

The entire stream to irrigation.

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.*

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

No top or bottom limits.

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.*

Inputs: untreated wastewater, pH booster (ammonia or caustic soda), magnesium.
Outputs: treated wastewater, struvite fertilizer

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

The system may stand alone, or can be integrated to a broader system of the client as required.

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

We have not worked on that but expect it can be.

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?

Would depend on specific client needs.