



Date: July 12, 2016

COMPANY INFORMATION

Company Name: Aveterra	
Phone: 242.266.7678	Web Site: http://www.aveterra.com
Address: PO Box 10544	City: Bainbridge Island
State: WA	Zip Code: 98110

BUSINESS CONTACT

Name: Mollie Bogardus
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Address: PO Box 10544
City: Bainbridge Island
State: WA
Zip Code: 98110

TECHNICAL CONTACT

Name: Mollie Bogardus
Phone: (206) 999-1181
Email: mollie@aveterra.com
Address: PO Box 10544
City: Bainbridge Island
State: WA
Zip Code: 98110

BUSINESS HISTORY

How long have you been in business? Since 2015

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? 6

What is your business structure? Corporation

What types of insurance and or surety do you provide?

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.

New company, company references would be based on prior experience

Partnered with Maryland Department of Agriculture on a horse and dairy compost projec

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

Consulting, equipment sales, waste hauling & processing

Area or region of operation.

North America

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

No

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

Equipment manufactured by Brazos Manufacturing
<http://brazosmanufacturing.com/>

Do you integrate equipment manufactured by others? Yes No

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

Aveterra & Brazos Manufacturing

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

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

Comprehensive team including engineers, scientist and business professionals

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

Limited

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

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

Yes, when teamed with Brazos

Do you have preferred partners? Yes No

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

Brazos Manufacturing

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

If so, please describe.

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, project specific

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

<http://articles.extension.org/pages/72733/marketsfor-composted-agricultural-waste>

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?

ACC system – auger driven high rate composter

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.

Manure/organics composting

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

0, 1 pending project

Size of farm(s)?

Pending project is a 240 cow dairy

Location of farm(s)?

Maryland

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

Small horse farms, 20 to 25 stalls

Input material description/characteristics:

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

Separated manure coarse manure fiber and other organic waste with appropriate moisture content.

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

Scalable based on client needs

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

Mature

Any weather constraints? Yes No *Please describe.*

No, technology is either containerized or built with appropriate weather protection

Any bedding constraints? Yes No *Please describe.*

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

Yes, containerized system scaled for smaller farms, while the platform composter can be built to service large farms 1.5 to 100's tons per day

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.*

Input is organic material with DM in the range of 30 to 80%, target DM is 65%
Output is stabilized compost, volume reduction of 20 to 30%

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

Yes, requires pretreatment and integration into manure management plan

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

Composting is an approved NRCS waste management approach

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?

No