



COMPANY INFORMATION

Date: 4 August 2017

Company:	Genifuel Corporation		
Phone:	801 -467-9976	Web Site:	www.genifuel.com
Address:	1873 Carrigan Circle	City:	Salt Lake City
State:	Utah	Zip Code:	84109

BUSINESS CONTACT

TECHNICAL CONTACT

Name:	James Oyler	Name:	James Oyler
Phone:	801-467-9976	Phone:	801-467-9976
Email:	jim@genifuel.com	Email:	jim@genifuel.com
Address:	1873 Carrigan Circle	Address:	1873 Carrigan Circle
City:	Salt Lake City	City:	Salt Lake City
State:	Utah	State:	Utah
Zip Code:	84019	Zip Code:	84109

BUSINESS HISTORY

How long have you been in business? 11 years as of 2017

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? Subchapter S Corporation, Delaware Corporation, Veteran Owned

What types of insurance and or surety do you provide? By agreement with customer. Arranged through third-party surety bonding company.

Describe your business service(s). Design, fabrication, installation, and service for Genifuel Hydrothermal Processing systems.
For example: consulting, development, engineering, equipment sales, finance, other.

Describe your area or region of operation. Worldwide

Does your company hold any patents or the rights to any patents? Yes No **Company has a total of 21 patents either owned or held through exclusive licenses.**

Do you manufacture equipment? Yes No We design and engineer hydrothermal processing systems to fit the customer's specific requirements. We then fabricate, ship, install, and service it.

Do you integrate equipment manufactured by others? Yes No
The major items are high-pressure pumps from Milton Roy, Cat Pumps, and Teledyne ISCO, pressure vessels from High Pressure Equipment, Parr and PDC Machines, and Gensets from Caterpillar.

How do you answer potential customer's questions about financial strength of your company? We have never failed to deliver on our commitments.

Do you offer technical/service support? Yes No Direct or through regional service companies.

Do you offer design services? Yes No We design our equipment to meet the customer's needs and can assist in the onsite requirements for the system.

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

Are you a full stop shop? *Design to construction to operate?* Yes No We do not typically operate the equipment. We can arrange through third parties to operate the equipment if the customer desires that.

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
The technology was developed over a 40-year period by the US Government for other purposes and subsequently licensed to Genifuel for managing wet wastes and waste-to-energy applications. There are huge amounts of literature and publicly available reports and papers describing and documenting the technology, in addition to the patent portfolio.

Do you provide a performance guarantee? Yes No Output of biocrude oil and methane gas.

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

The system can completely eliminate wet wastes while providing renewable fuels. The system is highly efficient, capturing more than 85% of the energy in the feedstock and needing 15% of the energy to operate the system. No other waste-to-energy system is even close to these figures of merit.

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 you provide? Hydrothermal processing to dispose of wet wastes while producing renewable fuels including biocrude oil and methane gas.

What unit process is the technology used in?

Processing of wet wastes such as manure. The feedstock is made into a slurry of app. 20% solids in water and produces biocrude oil and methane gas. The oil can be sold to a refinery, and the gas can be used to make electricity onsite.

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

Size of farm(s)? 10,000 cows

Location of farm(s)? California

What's the smallest and largest farm using your system? As above.

Input material description and characteristics: The system can process anything organic as long as it can be made into a wet slurry—for example by grinding, macerating, cutting, mixing, etc.

Does the technology treat the full manure stream for a farm or a fraction of the stream? This depends on the size of the system. One or more systems can be designed to handle some or all of a farm (or co-op if the waste can be transported).

Do you consider this a mature system or ongoing farm development? We are just starting commercial installations.

Any weather constraints? Yes No The system should be covered, or in a cold climate located in a building.

Any bedding constraints? Yes No Prefer not to have a large amount of sand in the feedstock.

Is this process scalable and to what extent (top and bottom limits)? Yes No Can design to any size from fraction of a ton per day to 25 tons per day. After that we can install multiple units which have the added advantage of redundancy.

Do you have a known scaling factor? Yes No Please see above.

Input and output of your unit/system – do you have a mass balance analysis? Yes No If so, please describe.

Do you consider this technology part of a larger system that you provide? Yes No The major item is the hydrothermal processor, but we can also supply the feedstock prep and gensets if requested.

Has your technology been accepted by the NRCS? Yes No If so, 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

REFERENCES

Please provide customers or colleagues with whom we can discuss your business and performance. Please include a list with company name, location, contact name and contact information below.

Reference 1

Company Name:	
Company Location:	
Contact Name:	
Contact Information:	

Reference 2

Company Name:	
Company Location:	
Contact Name:	
Contact Information:	

Reference 3

Company Name:	
Company Location:	
Contact Name:	
Contact Information:	

Reference 4

Company Name:	
Company Location:	
Contact Name:	
Contact Information:	

Are there any other facts about this technology that you feel should be included in this document? The system can completely eliminate wet wastes while providing renewable fuels. The system is highly efficient, capturing more than 85% of the energy in the feedstock and needing 15% of the energy to operate the system. No other waste-to-energy system is even close to these figures of merit.

