



Date: 3/9/2016

COMPANY INFORMATION

Company Name: Triple-T Ltd (Represented by Smart Water Group LLC)	
Phone: 857-209-2686	Web Site: http://www.triple-treatment.com/ http://www.+
Address: 101 Main St, 14 Fl	City: Cambridge
State: MA	Zip Code: 02142

BUSINESS CONTACT

TECHNICAL CONTACT

Name: Ben Perlman	Name: Amir Zalel
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Email: ben@wfi-group.net	Email: amir@wfi-group.net
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City: Cambridge	City: Caesarea Business Park, Cearea
State: MA	State: Israel
Zip Code: 02142	Zip Code: 30889-00

BUSINESS HISTORY

How long have you been in business? Triple-T has been in business since 2007. Smart Water Group was founded in 2014.

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?

Smart Water Group is a direct affiliate and the exclusive representative of two leading Israeli water technology companies, Triple-T & ToxSorb, in the US.

Number of employees? 35-40

What is your business structure? Triple-T and its sister company ToxSorb are both majority owned by the same investor.

What types of insurance and or surety do you provide?

General Contractor's Insurance including general and professional liability, bodily harm, pollution, etc. Up to \$1,000,000 per occurrence and \$2,000,000 in aggregate.

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.

Mr. Riccardo Ferrero
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Robassomero TO, Italy
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Describe your business service(s). *For example: consulting, development, engineering, equipment sales, finance, other.*

Triple-T specializes in the design, construction and operation of low-cost biological wastewater treatment plants, with an emphasis on innovative technologies. We provide a wide variety of engineering services including, process, civil, mechanical, hydraulic and accompanied detailed drawings. We provide construction management services in Israel and construction supervision services in the US. We provide operational training, remote supervision and control and maintenance visits abroad, as required. In addition, our full service laboratory and dedicated R&D

Area or region of operation.

Israel, Europe, Chile, Brazil and the United States

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

US 13/817,880 - Pending

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

Yes. Triple-T manufactures the “brain” of the TAYA system, a high-efficiency pumping chamber, engineered to regulate the flow of the wastewater through the system using the least amount of energy possible. Included in the pumping chamber supply is the control board and software programming necessary to operate the system in accordance with Triple-T’s design. Lastly, we provide the specialized plastic media for the system, which facilitates the growth of biofilm enabling high strength wastewater treatment.

Do you integrate equipment manufactured by others? Yes No

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

Given the nature of our group, we have the unique ability to integrate technology and expertise across our companies into a single solution for our clients. For example, we have the ability to integrate ToxSorb’s technology for phosphate removal onto the back end of Triple-T’s TAYA system, enabling the removal of both nitrogen and phosphate. Generally speaking, as a solution provider we are always looking for the most cost-effective treatment application for our client. Sometimes this

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

Our group is fully backed by a large private organization doing business in New England since 1978.

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

Yes. Every TAYA installation comes standard with remote monitoring sensors and control equipment that allows TripleT to monitor the health of the system remotely and control all aspects of the system (cycle depth, cycle speed, sludge pumping, etc.). In the event that more advance troubleshooting is needed, Triple-T personnel will be available for on-site emergency visits. Triple-T also provides on-site operator training and certification during

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

Yes. We provide a wide variety of engineering services including process, civil, mechanical, electrical and hydraulic engineering, including detailed design drawings for each specialization. Triple-T customizes the design of every TAYA system to fit the unique wastewater characterization and treatment needs of the client. In addition, Triple-T has the experience and know-how to work with the farmer to design an integrated nutrient management plan that

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

Yes, although financing availability and options will vary on a project-by-project basis. Options may include:
1. Bridge loan for a portion of the project
2. Loan with an option to buy

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

Yes, we have the capacity to deliver turnkey projects, upon request of the client. However, depending on local licensing restrictions we may opt to work as a technology supplier under an established civil contractor, under the supervision of Triple-T personnel. In this case, Triple-T’s role would be limited to that of design, construction oversight and supply of key elements of the project, including: the pumping chamber, specialized media and control board. In either case, Triple-T would manage the running in and remote operation and maintenance of the system.

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, in 2009 a regional environmental authority in Israel conducted an extensive report on TAYA's ability to treat domestic wastewater. Please contact us directly for more information on this report.

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, every TAYA system comes standard with a performance guarantee, specifying the influent and effluent design criteria of the system. For as long as the influent (COD, TN, NH₄, etc.) wastewater is within our design parameters, we will guarantee the treatment performance of the system. Depending on our level of O&M engagement with the client we can also guarantee a minimum % uptime of the plant.

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

Triple-T has been directly involved with the treatment of livestock heavy load since 2009, when it started up its first piggery treatment project in Lahav, Israel. Since then, TripleT has expanded its TAYA technology to a wide array of dairy and piggery treatment applications in Israel, Italy and Chile. We have over 5 years of relevant data in this field, demonstrating the strong performance capability of our TAYA system. Furthermore, we've developed extensive knowledge of livestock nutrient management through four years of intensive work in Italy, meeting with farmers to understand their challenges and needs. Our latest development, TAYA 2.0, is specifically engineered to meet these challenges, while delivering the most cost-effective and operationally simplistic solution on the market.

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?

Response not given

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.

Response not given

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

Response not given

Size of farm(s)?

Response not given

Location of farm(s)?

Response not given

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

Response not given

Input material description/characteristics:

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

Response not given

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

Response not given

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

Response not given

Any weather constraints? Yes No *Please describe.*

Response not given

Any bedding constraints? Yes No *Please describe.*

Response not given

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

Response not given

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

Response not given

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

Response not given

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

Response not given

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

Response not given

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?

Response not given
