Project Team

Project Developer/Owner – Dynamic, Germantown, WI

The principals of Dynamic have been involved in project development of manure-based anaerobic digestion systems since 2004. We bring an independent viewpoint by remaining technology and supplier independent, staying abreast of emerging technologies, and recognizing their possible applicability to clients. Dynamic's development team has successfully designed, constructed, and operated over a dozen facilities in the United States. With experience in design, construction, and operation of projects, we have a unique perspective on what it takes to develop successful and sustainable projects.

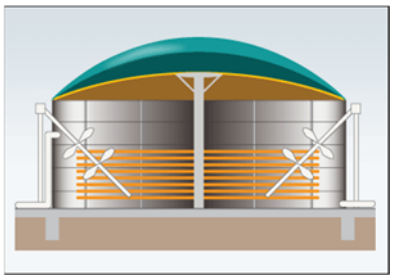
General Contractor - Miron Construction, Neenah, WI

Miron is recognized as an industry leader in construction management, general construction, design-build/EPC, and industrial services by thousands of clients throughout the United States. Founded nearly 100 years ago, Miron is one the nation's premier construction firms. Miron's current bonding capacity is $175 million per project with a potential overall capacity of $650 million. Miron also has a history of working with McMahon as the engineer/architect on numerous projects they have constructed. Miron has completed large projects such as the recent Lambeau Field renovation and numerous schools, hospitals, and manufacturing facilities. Miron has recently completed the construction of four large-scale anaerobic digestion facilities across the Midwest.

Architect/Engineer – McMahon, Neenah, WI

Dynamic works closely with McMahon on the permitting and engineering of each facility. Dynamic designed and permitted its first project with McMahon in 2006 and have worked with them on over a dozen projects since that time. McMahon has designed over 100 industrial and municipal waste treatment systems. Dynamic collaborates with McMahon on the conceptual design and selection of the key system components. McMahon provides the detailed engineering design and technical specifications necessary to permit and construct the facility. McMahon and Dynamic have successfully permitted numerous projects including the necessary air, stormwater, erosion control, and effluent discharge permits in several states.

Digester Supplier – US Biogas LLC, Germantown, WI



The proposed project will use a complete mix digester system supplied by US Biogas LLC. The figure to the right represents the general configuration of a complete mix system. The first system that was installed by US Biogas was at the Crave Brothers Farm in Waterloo, WI in 2006 and continues to operate today. The digester design is based on the German complete mix digester technology and has been adapted to the US market with local suppliers of all key components. This technology has been deployed on multiple projects and all the projects utilizing US Biogas digester technology are still operating.

Screw Press Separator Supplier – Vincent, Tampa, FL

The project will utilize screw presses manufactured by Vincent Corporation. Vincent installed its first press in a dairy manure application in 1996 at the University of Wisconsin. Vincent's screw press design was aimed at lowering the operating cost of screw presses in manure applications through innovative designs developed from their experience in the citrus industry. Vincent has been manufacturing screw presses since 1951.

Rotary Drum Dryers – FEECO, Green Bay, WI

FEECO International, Inc. is the supplier of the rotary dryers. With over 60 years of experience, FEECO is recognized globally as an expert in providing industry leading process design, engineering, and manufacturing to a variety of industries including: fertilizer and agriculture, mining and minerals, power / utility, paper, chemical processing, and more. FEECO creates usable solutions from wastes that would normally go into landfills.

Material Handling and Mixers – Patz, Pound, WI

Patz Corporation is a family-owned business founded in 1948. Patz has developed a wide variety of feed and manure handling products—TMR Feed Mixers, Silo Unloaders, Bale/Bedding Choppers, Conveyors, Feeders, Manure Pumps, Scraper Systems, Separators, and Liquid Manure Tankers —all designed to save time and increase efficiency. Known for farm and industrial material handling equipment, Patz equipment is sold through a network of dealers, distributors, and original equipment manufacturers worldwide.

Wastewater Filtration Equipment – Digested Organics, Ann Arbor, MI

Digested Organics has focused on serving the agricultural industry with cost competitive, turnkey solutions that reduce manure handling costs, reclaim water for onsite reuse, and create valuable fertilizer products. Beyond helping farms save money, the technology enables sustainable growth and expansion while helping to protect local waterways. Digested Organics has pioneered the use of proprietary filtration solutions to deliver a fully integrated manure management system to its customers. While this technology has been around for over 25 years and very successfully deployed in a variety of food and beverage applications, Digested Organics is the first (and only) to deploy this technology for manures and digestates.

Biogas Upgrading System – Durr Megtec, De Pere, WI

Durr MEGTEC (MEGTEC) is a long-recognized world-class supplier of engineered products and environmental solutions tailored to match its customers' manufacturing process requirements. As a subsidiary of the Durr Group, MEGTEC is a financially strong, sustainability-focused company with decades of process knowledge. Headquartered in a 365,000 square foot manufacturing facility, MEGTEC employs approximately 350 people in the U.S. and approximately 1,500 globally.

MEGTEC has previous experience working with Miron Construction on the installation of a biogas upgrading system that was designed by McMahon.

Plant Operations and Maintenance – Dynamic Systems Management, Germantown, WI

The plant will be managed and operated by Dynamic Systems Management LLC (DSM) under a long-term management agreement. The principals of Dynamic have been operating ag-based anaerobic digestion systems since 2007.

DSM maximizes the efficiency of the operation and maintenance by utilizing a proprietary Supervisory Control and Data Acquisition (SCADA) system. The system collects, tracks, and trends all relevant information to allow full understanding of the results of any operational change. As patterns in the data are identified, the system is continually updated to maximize plant performance.