

Energenecs provides Innovative MBBR for Nitrogen Removal in Northern Wisconsin



Energenecs recently provided an MBBR (moving bed biofilm reactor) wastewater treatment system for a small town (100,000 gpd) in Northern Wisconsin with a focus on minimizing energy & chemical consumption. Innovation technologies, such as fine bubble aeration and large bubble mixing were added to reduce energy use.

Energenecs also put in control systems and sensors to measure ammonia, nitrate, oxygen, alkalinity, pH and temperature to ensure treatment objectives are met, and energy/chemicals are not wasted. Read more about this project at energenecs.com/mbbr

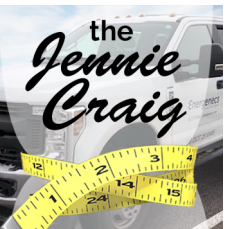
Top 3 Reasons to Implement a Manual Process Operation Plan



Recently the NSA and the DHS issued a joint alert warning that foreign hackers are targeting critical infrastructure, including water and wastewater systems. The agencies recommended that operators take immediate action to secure their systems. According to Tim Ondercin, who has over 33 years of experience in the field at

Energenecs, security is an important issue, though his top 3 reasons for having a manual process operation plan are power outages, loss of PLC's and HMI (Human-Machine Interface) computer or touch screen, and loss of communication links. Read more at energenecs.com/manual

"Jennie Craig" joins the Energenecs fleet



Energenecs retired "The Dominator" service truck and replaced it with a new slimmed down version. Craig Sampo, lead service technician at Energenecs, had the idea to have a fun contest to name the new truck. Larry Claude, field technician at Energenecs, and his family chose from the names that were submitted. The winner was

"Jennie Craig", thinking it's the big truck on a diet. Larry's girls really enjoyed that one! Read more at energenecs.com/jennie

Welcome Emily Vebber to the Team!



Emily recently joined the Energenecs technical sales team, providing western Wisconsin with water and wastewater process equipment. She was born and raised in Milwaukee and went to Marquette University for mechanical engineering. Her grandpa had a big influence on her going into engineering, he was a process engineer and had a water

treatment background. Read more at energenecs.com/vebber

Read more at energenecs.com/news

Meet Jacob Hofman

SCADA Technician



Jacob Hofman is a SCADA Technician at Energenecs. A Supervisory Control and Data Acquisition tech makes all the varied parts & pieces of a system work together as one cohesive unit. This includes the measurement devices, remote controllers around a town, control wiring, communication equipment, and various computer software applications.

Jacob has been at Energenecs for five years. He started out in the service department for the first three and a half years, working with Craig Sampo, Energenecs Lead Field Service Technician. Every day was spent at a customer's site where he was troubleshooting, repairing, fixing, calibrating or installing water and wastewater equipment. About a 1 1/2 ago he moved to the SCADA technicians side, working on systems integration. Now he is working on PLC programming. Jacob notes:

“Within the programming team, my strength lies in being very versed in instrumentation, because I started out in the service department. I did a lot of mechanical-type work when I was on the service side, like rebuilding pumps and putting in new seals. I have that service experience that I fall back on quite a bit.”

Hofman grew up on a dairy farm, a typical Wisconsin kid! He bought the family farm about four years ago and lives in the house he grew up in with his wife and four kids. He has spent the last eight years watching them play softball and basketball. Read more at energenecs.com/hofman