



Organic Material Recovery AND Bioenergy Project

Team Biographies



1. ATTACHED RESUMES

- Corey Klibert
- Matt Noesen
- Monica Steele



Corey Klibert

Certifications: State of Oregon Professional Engineers License #93039; State of Washington Professional Engineers License #58035

As Jacobs project engineer for the design, construction, and operation of the biodigester system for Clatsop County, Corey has over 20 years of experience. Corey specializes in solids and biological treatment design, with in-depth experience in process planning and design of wastewater treatment projects from conceptual planning through final design, services during construction, and facility startup and commissioning. As a process engineer, he has led the whole-plant modeling efforts for several large capital improvement and planning projects for major municipal wastewater treatment plants. Corey has conducted planning, analysis, and design of advanced biosolids stabilization and handling processes. He has served as the co-chair of the High-Performance Anaerobic Digestion Task Force for the Water Environment Federation's Residuals and Biosolids Committee. He currently serves as a lead researcher under the direction of Dave Parry, Ph.D., in developing innovative technologies for advanced microbial hydrolysis for the digestion of biosolids.

**Matt Noesen, P.E.**

Certifications: State of Oregon Professional Engineers License #18184; State of Washington Professional Engineers License #54064; State of California Professional Engineers License #C50366; State of North Carolina Professional Engineers License #040949; State of South Carolina Professional Engineers License #31211

With 33 years of experience as a civil engineer and principal project manager, Matt leads the project as a Jacobs project manager for the County. A specialist in biogas utilization and RINS, he served in a key role on biogas to energy projects for Gresham, Clatsop County, and RUSA (Roseburg) in Oregon and Wasatch County, Utah. These projects have a Business Case Evaluation (BCE) economic model that aids in identifying the highest and best use of biogas, as well as a sensitivity analysis ('what if scenarios') that can efficiently and accurately assess using energy credit market pricing (EPA's RFS and RINs). In addition, they have six high waste market assessment studies for co-digestion in characterization, treatability/treatment optimization, and evaluation of beneficial reuse options.

Matt provides a full range of engineering and management services in master/facility plans, preliminary and final designs, construction services, and commissioning assistance. These projects include numerous types of municipal treatment plant upgrades and expansion where he was a project manager. He also specializes in planning, design, construction, control systems, and start-up of municipal wastewater facilities. He has experience with a full range of projects from small control system upgrades to implementing \$200 million capital improvement projects.



Monica Steele

Clatsop County, Oregon

As Assistant County Manager for Clatsop County, Monica is responsible for managing and providing oversight and direction for the technical, supervisory and administrative duties of County department directors for County provided services as well as county-wide projects with other jurisdictions which the County as an organization takes the lead on. This work includes planning, coordinating, budgeting, assigning and directing the work of department directors and/or consultants and contractors, with responsibilities for managing the specific projects assigned. Monica has been providing these services in the public sector over the past 14 years, with her most recent projects including the completion of a \$25M jail construction project as well as current grant administration for \$8M in ARPA funding and \$5M in emergency declaration funding to address homelessness in Clatsop County.