



WASTE 2 ENERGY
BY WESTON & ASSOCIATES LLC



**FULL SERVICE PROVIDER FOR ALL YOUR
ANAEROBIC DIGESTION NEEDS**

ANAEROBIC DIGESTION – COMPLETE SYSTEM INTEGRATION

OUR PROCESS

Our Waste2Energy™ anaerobic digestion is a natural process where microorganisms break down organic material in the absence of oxygen. At an anaerobic digestion facility, this process occurs in airtight tanks. Solid and liquid organic waste material is macerated and blended into a homogenous slurry and dosed into the system. Anaerobic bacteria break down organic waste by feeding on the fats, proteins, sugars, and starches over 20-30 days. The bacteria produce biogas typically composed of 60-65% methane, 30-40% carbon dioxide and other trace gases.

TECHNOLOGY

- In-house engineering consistently developing next generation AD technology.
- High-quality components are designed by Waste2Energy™.
- Able to achieve more than 70% volatile solids reduction and process up to 12% total solids blended feedstock.

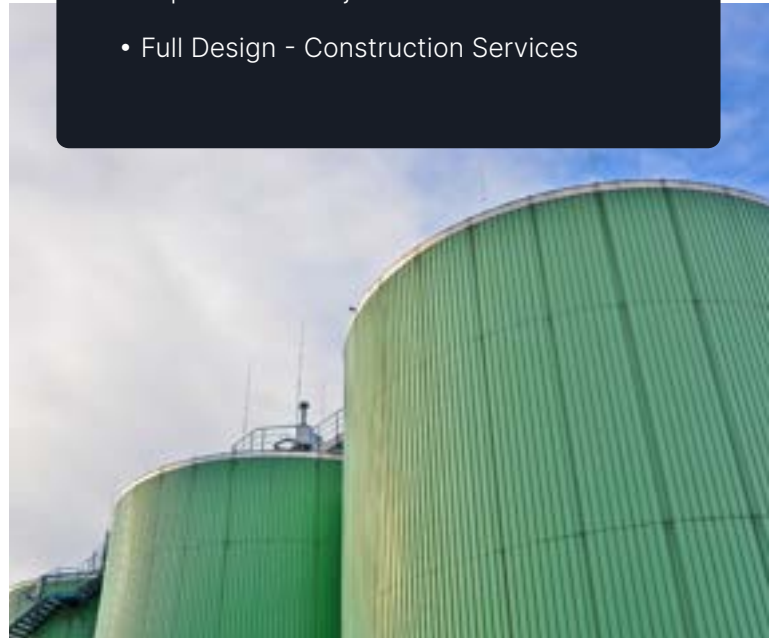
NUTRIENT RICH SOIL SUPPLEMENT

The final product of the anaerobic digestion process is liquid effluent. Digester effluent is rich in the nutrients nitrogen, phosphorus and potassium – key ingredients found in fertilizers. Farmers apply digester effluent to fields at agronomic rates, sustainably delivering valuable nutrients and organic matter to crops.

THE RIGHT CHOICE

Waste2Energy™ is the right choice for your anaerobic digestion needs based on:

- Decades of Project Experience
- Project Development Capabilities
- Experienced Project Teams
- Full Design – Construction Services





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BEST PRACTICES FOR SELECTION

DESIGN - BUILD SERVICES

- Our in-house staff supports each project through full cycle – all necessary services are under one roof for a single point of contact with Waste2Energy™ and Weston & Associates LLC.
- First-hand ownership and operating experience gives Waste2Energy™ and Weston & Associates LLC a comprehensive understanding of successful anaerobic digestion operations, allowing us to design and construct optimal systems.
- Leading the biogas industry in design, construction, and operation of North American anaerobic digestion systems.
- Turn-key solution to organics management is backed by a team of licensed professionals and decades of hands-on operating experience.
- Suite of services includes operating, maintenance, and monitoring agreements that ensure plants continue running long after construction and commissioning.

ONE SOURCE SOLUTION

Many systems require pre and post treatment. Weston & Associates LLC can assist with our design through construction capabilities, on-going maintenance and management.

