



# haviland, ohio

require sustainable waste management solutions

**Location:**  
115 West Main Street  
Haviland, OH 45851

**Technology:**  
Anaerobic Digestion

**Renewable Energy Generation:**

**Electricity:**  
1 MW per hour

**Power Purchaser:**  
Haviland Plastic Products

**CNG Fuel:** (potential)  
1,800 gge per day

**Tank Capacity:**  
980,000 gallons

**Normal Digestion Time:**  
28 days

**Inputs:**  
Biosolids, FOG and food waste

**Annual Inputs:**  
42,600 wet tons

**quasar energy group** has partnered with Haviland Plastic Products to construct a 1 MW anaerobic digestion renewable energy facility. Anaerobic digestion is a natural process where microorganisms break down biomass in the absence of oxygen. The technology is commonly used in Europe where there are more than 8,000 systems in operation today. In the United States, anaerobic digestion is emerging as a key component of the country's renewable energy portfolio.

The Haviland system processes 116 wet tons per day of organic waste including: biosolids, regional food waste, FOG (fats, oils and greases) and manure. The energy created will be sold to the neighboring Haviland Plastic Products plant and will offset the need for traditional fossil fuels (coal or natural gas).

**quasar** is a Cleveland, Ohio, based waste-to-energy company. **quasar** designs, builds, owns and operates anaerobic digestion renewable energy systems.

Sustainable technology solutions...



energy



economy



environment