



energy economy environment

AKRON, OHIO



quasar's Akron system has been processing municipal biosolids since 2007

Community & County:

Akron, Ohio Summit County

Treatment Plant Name:

Akron Water Pollution Control:
Akron Solids Management Facility

Managed By:

KB Compost Services, Inc.
2677 Riverview Road
Akron, Ohio 44313

Capacity:

20,000 - 25,000 wet tons/year

Inputs:

Municipal Biosolids

Renewable Energy:

335kWh electricity
thermal heat

quasar energy group, llc (quasar) is a Cleveland, Ohio based waste-to-energy company with a state of the art laboratory and engineering facility located on The Ohio State University's Ohio Agricultural Research and Development Center campus in Wooster, Ohio.

quasar's first U.S. facility is located in Akron, Ohio. Phase I of this project began operations in November of 2007 and processes 5,000 dry tons of Akron's municipal biosolids each year. This is approximately one third of Akron's annual biosolids. The facility produces 335 kilowatt hours of electricity each hour, replacing approximately 25% - 30% of the energy consumed each year by the neighboring compost facility, for an annual savings of approximately \$150,000.

Preserving Our Environment

Today, the most common methods for disposing of organic waste are landfilling and incineration. Both options pollute the air, soil, and water in surrounding communities without producing any beneficial products. **quasar** systems improve the regional environment by diverting organic waste from landfills and incinerators and processing it naturally to produce clean, renewable energy and nutrient rich soil amendments.

quasar's Akron system is fully permitted by the Ohio Environmental Protection Agency Division of Surface Water and the Division of Air Pollution Control.



renewable
ENERGY



for Ohio's
ECONOMY



and a cleaner
ENVIRONMENT
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