Biogas Project Profile

AMERICAN BIOGAS COUNCIL

Warrior Project Biogas Facility — City of Dodge City, Kansas

Dodge City Creates Community Funding Opportunity from Wastewater

Biogas delivers big for the City of Dodge City. The revenue from the Wastewater Treatment Plant Biogas Facility pays for city operations and bond interest and is funding capital improvements without tax hikes.

~$4M
per year in revenue

~$430
average annual benefit per household

Without this income, Dodge City would have to raise property taxes by 18% or cut improvement spending!

The project, which is currently undergoing a **$60 million expansion** to accommodate future growth, produces **pipeline-quality renewable natural gas (RNG)** from the WWTP and captures and treats biogas from a nearby industrial facility's wastewater – providing reciprocal value to another local business. Buyers looking to procure the RNG are sourced by knowledgeable consultants and brought to the city.

> "We took a resource that was being wasted and converted it into a product that could be sold to provide another funding means for the City of Dodge City."
>
> – **Ray Slattery**, Director of Engineering

> By transforming waste into renewable energy and reselling it, the plant not only promotes sustainability but also strengthens the local economy and enhances community well-being.
>
> – **Ray Slattery**, Director of Engineering

Project Details

Solution: Wastewater-to-Renewable Natural Gas (RNG)

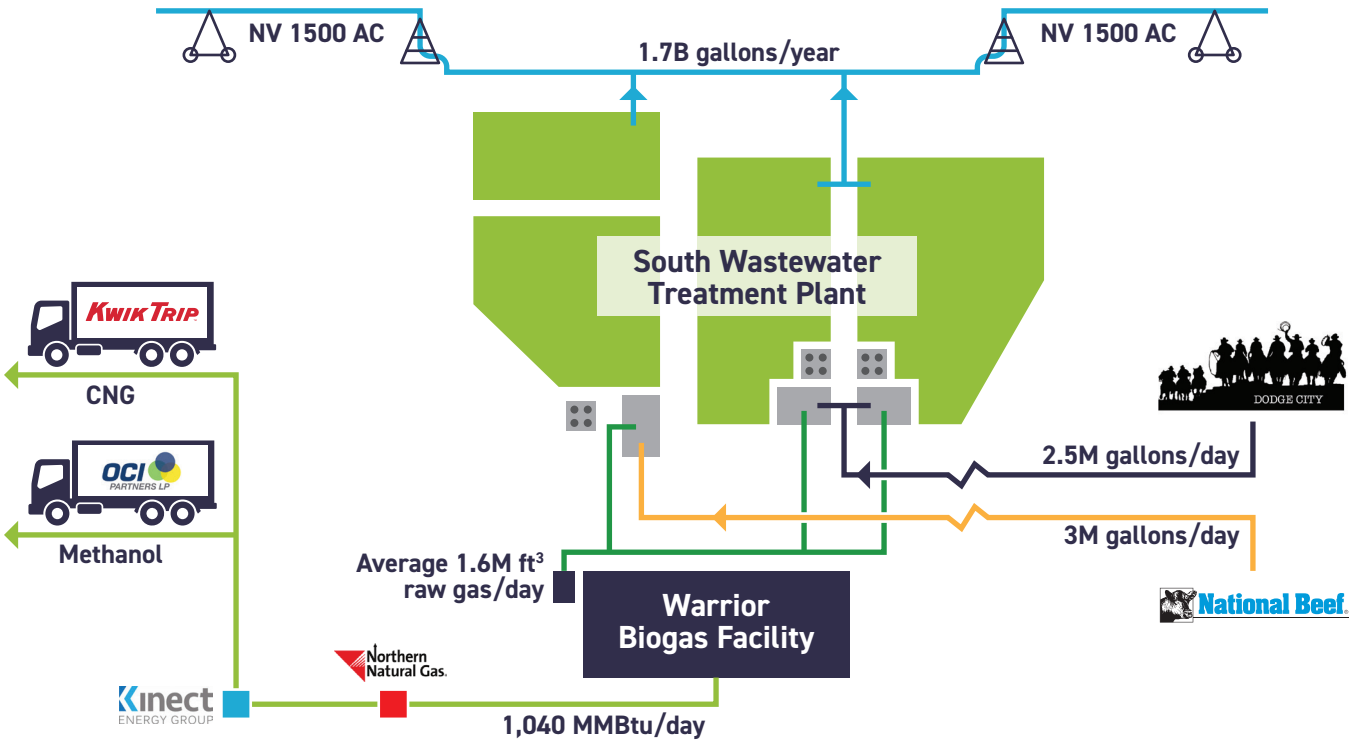
Location: Dodge City, Kansas

Revenue: ~$4M per year

Community Benefits:

- **~$430 average annual benefit per household**
- **Pays for city operations/bond interest**
- **Funds capital improvements without tax hikes**

Owner/Operator: Dodge City, Kansas

End Use: Pipeline quality RNG

South WWTP Effluent Recycling Center and Warrior Biogas Facility