

BENEFITS OF ANAEROBIC DIGESTION

SUSTAINABLE—Biosolids and Foodwaste are readily available and continuous.



RENEWABLE ENERGY—Heat and Electric production that displaces fossil fuel usage.



DIVERSION of wastes from landfills—Reduces greenhouse gas emissions.



NUTRIENT rich digestate—Soil amendment that can promote food production.



AIR QUALITY improvement—Odor reduction by converting the wastes.



COST SAVINGS—Minimizing utility usage.



KB BioEnergy INC

Support. Transform. Sustain.

- **Committed to Biosolids Management**
- **Partnership with the City of Akron for 25 plus years**
- **Striving to protect and improve the environment we live in**
- **Operational processes that are efficient, providing low cost renewable energy**

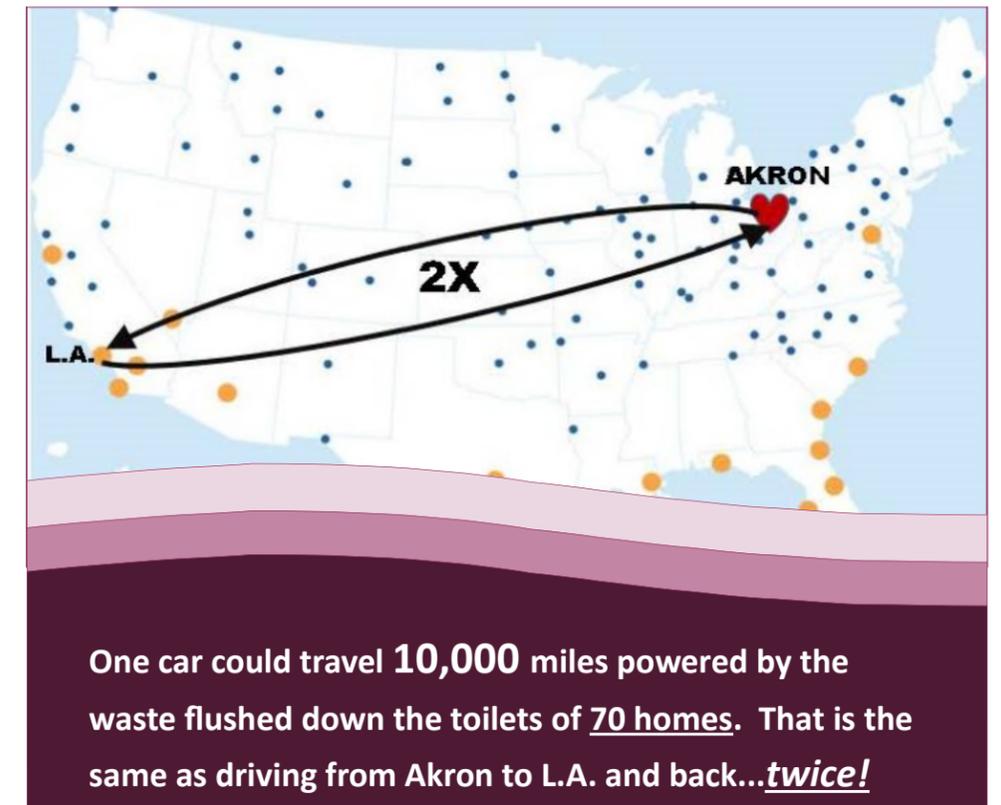
ALL ABOUT ANAEROBIC DIGESTION

What is Anaerobic Digestion (AD)?

AD is a biological process that can be used to treat biosolids or any organic waste. With no oxygen present, microorganisms (bacteria) break down biodegradable material, which generates biogas. This biogas can be used to produce heat and electricity from the fueled engine. Or it can be cleaned to run vehicles or put back in the natural gas pipeline.

How do biosolids work in the AD process?

Biosolids are the key ingredient! They contain the microorganisms that break down waste. They also provide nutrients to sustain the microorganisms—all resulting in a reduced volume of solids that can be utilized as a fertilizer or soil amendment.



L.A. **AKRON**

2X

One car could travel **10,000** miles powered by the waste flushed down the toilets of **70 homes**. That is the same as driving from Akron to L.A. and back...*twice!*

