

# CASE STUDY | A Meat Producer That Started Early

## Taking bigger steps to leave a smaller footprint

The best way to ensure optimal cost for treatment and corporate sustainability is from the onset of constructing the facility.

### TYPICAL INFLUENT FIGURES FOR INDUSTRY

	Minimum	Maximum	Average
<b>BOD</b> (mg O <sub>2</sub> /L)	<b>600</b>	<b>5,500</b>	<b>2,750</b>
<b>TSS</b> (mg/L)	<b>300</b>	<b>5,000</b>	<b>2,500</b>

### FLOW RATE FOR THIS FACILITY

**50,000 - 80,000** gallons/day



Mason, OH

### CHALLENGES

1. Their POTW had strained resources and insisted that they treat their water on-site
2. Corporate sustainability policies prohibited going over POTW limits
3. Time constraints faced to meet demands of major grocery store chain

### SOLUTION

After studying the plant's expected flows and waste strength level, we recommended and implemented a sustainable wastewater treatment program that will:

- Save the company an estimated \$105,000 per year in surcharges
- Keep BOD & TSS levels within POTW surcharge limits – 1000 mg/l and 300 mg/l, respectively
- Strategically automate process to reduce operational costs
- Balance capital and operating costs through integrated design
- Ensure long-term success with the Performance Guarantee Program

### RESULTS

- Estimated \$525,000 in savings over 5 years
- 100% compliance with POTW permits backed by our PG Program
- Adherence to corporate sustainability policies

Ask us about



**EnvioCARE**



See our web site for more details  
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