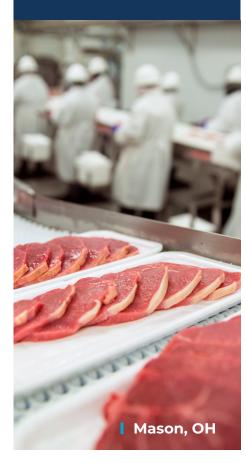
CASE STUDY | A Meat Producer That Started Early

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.





	Minimum	Maximum	Average	
BOD (mg O2/L) TSS (mg/L)	600	5,500	2,750	
	300	5,000	2,500	

FLOW RATE FOR THIS FACILITY 50,000 - 80,000 gallons/day

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
- Adherance to corporate sustainability policies





See our web site for more details www.macdermidenvio.com

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