

CASE STUDY | A Snack Foods Facility

Taking bigger steps to leave a smaller footprint

Due to rapid growth, this healthy snack foods manufacturer found themselves in violation of biological waste limits set by their POTW.



INFLUENT FIGURES

COD	BOD	TSS	FLOW RATE
3,230 mg/l	1,536 mg/l	1,469 mg/l	100,000 gallons / day

CHALLENGES

Prior to **MacDermid Envio Solutions** recommendations and implementations, the company was only treating about 35% of their 70 gpm. This caused many challenges including the following:

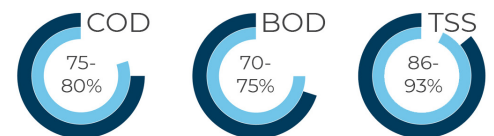
1. 4-5x over BOD surcharge limit
2. \$100,000 annual POTW surcharges incurred
3. Negative publicity locally and nationally

SOLUTION

After auditing their production, we recommended and implemented a sustainable wastewater treatment program that:

- Cost-effectively removes organic pollution without biological treatment
- Allows facility to easily transport vegetable peelings as animal feed
- Strategically automates process to reduce operational costs
- Balances capital and operating costs through integrated design
- Ensures long-term success with the Performance Guarantee Program

EFFLUENT REMOVAL RATES



Ask about our



RESULTS

- \$500,000 in savings
- 100% compliance with POTW permits
- Repaired company reputation

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

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