CASE STUDY: A WHIPPED CREAM MANUFACTURER

A major food manufacturer noticed an opportunity to improve profitability and future growth by re-evaluating their wastewater treatment solutions.

CHALLENGES

Prior to DMP Corporation’s recommendations and implementations, the company was facing potential closure due to repeatedly violating the permit limits. Key challenges included:

1. Highly variable influent streams made proper chemical dosing difficult
2. Out of control operating & chemical costs due to the need to continually “fight fires”
3. Unmanageable amount of waste solids generated

SOLUTION

After auditing their production, we implemented new procedures to:

- Automate the delivery of chemical based on strength of the influent
- Achieve better equalization to create more consistency of the influent stream
- Provide enhanced training & continuous service by DMP’s technical team

RESULTS

With DMP, they were able to exceed their cost-reduction and waste-reduction goals. In just six months, they experienced:

- 57% reduction of waste stream
- $432,000 in total savings
- $237,000 in solid waste cost savings
- $148,000 in chemistry cost savings
- $47,000 in compliance savings

INFLUENT FIGURES

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<thead>
<tr>
<th>BOD</th>
<th>TSS</th>
<th>Flow Rate</th>
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<tr>
<td>3,960 mg/l</td>
<td>4,200 mg/l</td>
<td>&gt; 500,000 gallons / day</td>
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Ask about the PERFORMANCE GUARANTEE PROGRAM

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dmpcorp.com/case-study-whipped-cream