

Tennessee Pollution Prevention Partnership Success Story



Delta Faucet Co. of Tennessee
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The Sludge Thickens

The Member

Delta Faucet Co. began production at its Jackson (Tenn.) facility in August of 1995. The operation started with one shift working fewer than 50 associates. Now, less than ten years later, the facility employs over 750 associates operating three shifts, is recognized as a major employer in the Jackson-Madison County area. The Jackson facility reached milestones (internal production goals set for the facility) of one million and five million faucets produced within its first five years of production.

The Story

Delta Faucet Company produces plumbing fixtures in multiple decorative finishes. Some of these finishes include electroplating achieved through an in house process that is constituted of two main steps: pre-cleaning and plating. In 2005, the Delta Faucet environmental management team evaluated their facility aspects and impacts and set an ISO 14001 objective to further reduce waste generation and disposal from their Waste Water Treatment (WWT) Process. As a means to reach this goal, Delta Faucet Co. needed to improve their WWT process and operating procedures. This objective as developed was at a minimum three fold in overall environmental impact in that it would reduce hazardous waste generation.

The Success

The Delta Faucet Co. environmental management team investigated several technically and financially feasible options before ultimately selecting the best option in terms of meeting their objectives and ease of implementation within the current operation. In 2005, Delta Faucet Co. implemented several "process and equipment changes".

The Pollution Prevented

Delta Faucet Co. reduced the daily generation rate of hazardous waste by 57%. This is an annual project reduction of 149,600 pounds with an annual savings of \$45,000+ in disposal fees, transportation and State of Tennessee Super Fund Fees. The Delta Faucet Co. environmental management team is fully committed to identifying and acting upon opportunities such as this in their continuous improvement philosophy for their facilities.

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