



**“Providing quality services to our residents in a cost effective manner is critical to our operations.”**

Edward Boman, Assistant Director of Public Works, Fairfield

Wastewater management is a science, but behind that science is a great deal of process and energy to keep it moving. The town of Fairfield’s aging treatment center was a prime candidate for retrofit upgrades avoiding a complete system overhaul by implementing a forward-thinking energy strategy.

The **Energy Opportunities Program** was there to assist.

Our energy specialists explored the various processes with Fairfield’s public works management, pinpointing key opportunities to improve the process and gain significant energy savings.

After carefully analyzing the options and selecting the optimum solutions it was determined that replacing several blowers in the circulation system, employing a new energy management system and a significant interior and exterior lighting retrofit consisting of high performance fluorescent, LED and induction technologies of the facility was the appropriate approach, supported by a generous incentive from the Energy Efficiency Fund.

Today, Fairfield’s wastewater management facility is better able to manage energy, provide service at a lower cost, reduce consumption and, improve air and water quality resulting in improved public health. That’s just the edge every Connecticut municipality needs.

- Project:** Town of Fairfield
- Measures:** Aeration Blower replacements for the circulation system, energy management system, interior and exterior lighting retrofits
- Fund Incentive:** **\$351,485**
- Energy Savings:** **893,266** kWh electricity/year  
**3,705** ccf natural gas/year
- Cost Savings:** **\$150,244** annually

Find energy solutions for business.  
Call 877 WISE USE (877-947-3873)  
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