



Kerry, Rochester

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Organization

Kerry is a global food company. The Rochester site specializes in spray dried fermented ingredients and liquid buffered vinegars.

Intern Project

Examine site for water reuse, BOD sequestration and reduction, and wastewater pretreatment optimization.

Incentives to Change

Maintain wastewater permit compliance and increase system efficiency. Optimize water usage to allow plant growth and sustainability goal achievement.

Solutions

Effluent Process Control

Set up new wastewater system to enhance pH control and effluent mixing.

Evaporator Condensate Water Reuse

Filter evaporator cow water and treat with RO to feed back into boilers, CIP, and cooling tower.

Re-route Dryer Scrubber Water

Sequester condensate from both dryers in silo to send to landsread rather than drain.

