

Mechanical Engineering, University of Minnesota Matt Domski, MnTAP Advisor

Organization

TreeHouse Foods produces private label packaged foods and beverages. The Fridley location specializes in artisan bread.

Intern Project

Develop a water balance to pinpoint opportunities for conservation. Study production to determine opportunities for waste prevention.

Incentives to Change

Company goals for reducing water consumption and preventing waste are key project drivers, as well as the opportunity to reduce costs.



Minnesota Technical Assistance Program

TreeHouse Foods, Fridley Nick Tulshibagwale

Solutions

Condensate Return System

Installing pumps and piping to return hot condensate to the boiler will save water, salt, and natural gas.

Installing Aerators

Decrease flow-rate of sink faucets used for handwashing and utensil cleaning.

Equipment Maintenance

Repairs to washing equipment components help ensure optimal efficiency and water conservation.



