

2019 P2 Intern Program
Participating Companies and Project Descriptions

Client Name	Project	City	Project
Cambrex	Water Reduction	Charles City	Investigate sources of make-up water to the chillers and make identify potential inconsistencies to reduce water usage and associated costs, and improve water quality.
CNH Industrial America LLC	EE- Fan Motor Survey & AHU	Burlington	Prioritize and develop an implementation schedule for upgrades to improve the operating efficiency of exhaust fans and make-up air units.
Cobham	Water balance & Reuse	Davenport	A 24-week project to seek source reduction opportunities for chemical and solid waste streams and develop a plant-wide water management plan to meet corporate reduction goals.
JBS USA, LLC	QA-PI - Reduce process waste to WW	Marshalltown	Integrate improvements to production processes to reduce contaminants entering the wastewater and increase production yields.
JBS Swift Pork Ottumwa	EE/Compressors	Ottumwa	Conduct an analysis of the compressed air system and make recommendations to optimize the overall efficiency of the system including leak detection, end use application and generation opportunities.
Rosenboom, Inc.	HW Reduction	Spirit Lake	Recommend strategies to reduce hazardous waste generated in targeted production areas of the plant.
Smithfield Foods	Water reduction & reuse	Denison	Assess water usage in targeted areas of the plant and develop reduction and reuse opportunities to meet corporate water reduction goals.
Smithfield Packaged Meats Corp.	Water Reuse	Sioux City	Conduct a plant-wide water balance and identify reduction and reuse opportunities.
Stanley Engineered Fastening	Nitric Acid reduction	Decorah	Seek out an effective alternative chemical for use in the passivation process and evaluate technologies to automate the monitoring and dosing of chemical used to maintain pH levels in the process.
Tyson Fresh Meats, Inc.	Pork, Water Reuse	Storm Lake	Recommend strategies to reduce water usage in the mechanical systems and targeted process areas of the plant.
Tyson Foods Inc. Hillshire Brands	Turkey, Water Reuse	Storm Lake	Explore reuse opportunities for water from process and wastewater pretreatment areas of the plant and evaluate pollution prevention methodologies that will reduce overall water consumption and help meet corporate reduction goals.