

Host Companies and Project Descriptions
IDNR 2018 Pollution Prevention Intern Program

Client Name	Project Term	City	Project
Cambrex	12-week Project	Charles City	Complete a survey of the steam and condensate return system and make recommendations to improve the efficiency of the system and reduce associated costs.
Hach	12-week Project	Ames	Quantify all sources of printed material in the manufacturing, warehouse, and shipping departments and devise actions to streamline the flow and tracking of material through the plant and reduce printing.
Iowa Fertilizer Company	12-week Project	Wever	Examine the sanitary wastewater treatment system and research technical options to optimize ammonia removal.
JBS USA, LLC	12-week Project	Marshalltown	Complete an assessment of the steam system and end use applications and develop an implementation and on-going maintenance plan to maintain the efficiency of the system.
JBS Swift Pork	12-week Project	Ottumwa	Conduct a water balance in the steam generation and cooling systems throughout the plant and identify opportunities to balance the generation with the demand of the targeted system.
Monogram Prepared Meats	12-week Project	Harlan	Complete a study on the incoming electrical power to the plant and equipment operations to determine potential causes of premature failure and research solutions.
Smithfield Mason City	12-week Project	Mason City	Develop a profile of waste streams at the plant and initiate a management plan that will improve segregation and collection practices at the point of generation and increase recycling of the cardboard and plastics waste streams.
Smithfield Packaged Meats Corp.	12-week Project	Sioux City	Conduct a leak detection survey of the compressed air system and establish an on-going maintenance program and remediation plan to keep the system operating efficiently.
Stanley Engineered Fastening	24-week Project	Decorah	Conduct an analysis of the company's wastewater processes and explore cost-effective solutions to reduce residual solids and disposal costs.
Woodward Resource Center	24-week Project	Woodward	Research sustainable avenues to divert solid waste streams from the landfill and make recommendations to reduce water usage at the facility.
Zoetis	12-week Project	Charles City	Make recommendations to reduce energy usage in the Research and Administration Building and explore alternative energy options for powering a chiller.