

RP Constructors Steps In to Solve Wastewater Issues for Prestage Foods of Iowa, Completing the Project On Time & For Less Than the Competition

Services We Provided

- **Electrical**
- **Controls and integration**
- **Construction staking by CEC**
- **Outside process sanitary sewer**
- **Process piping**
- **Purchasing, setting and connecting equipment**
- **Lift Stations**
- **Bio-gas system**
- **Anaerobic lagoon (liner, cover, process & sludge piping and biogas recovery)**
- **New natural gas service to the building**

Wastewater issues is a problem many companies don't have the time or expertise to solve. RP Constructors is unique because the combined services with our engineering firm, CEC, allow us to design, build, and operate a complete system faster and for less money than others. When Prestage Foods of Iowa required a new wastewater treatment plant, RP Constructors was called in by an outside engineering firm to complete the work. The firm, having worked with RP Constructors in the past, knew we could design and build a wastewater solution that would solve the processors' waste issues, allowing them to focus on producing food.

Prestage Foods of Iowa is a top pork producer and constructed a new, several hundred-million-dollar facility south of Eagle Grove, Iowa. It employs more than 900 full-time workers. Processing hogs causes a lot of waste, and some waste ends up in the wastewater. While eventually the facility effluent was to be discharged to the City of Eagle Grove for final treatment, the strength of the wastewater when leaving the pork processing facility was too strong to simply discharge. There also were additional resources (grease, biogas) that Prestage wished to recover from the waste stream prior to sending to the City. RP Constructors gave Prestage Foods a solution to its wastewater issues on time and for less than the competition. It was a 12 to 18-month project that was completed by spring 2019.

RP Constructors also helped Prestage recover by-products, like grease which it can sell to outside suppliers. This allows them to process these by-products themselves, without spending money to have the city do it.



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