

WASTE PIT PUMPING PACKAGE

THE CHALLENGE

The Customer was expanding their facility and needed a new installation. The pumps needed to be "high & dry" (self-priming) for easy maintenance and allow for easy clean-out in case of any blockages. They needed to be able to handle occasional feathers and solids.

THE SOLUTION

Our Application Expert - Chris Chapman - worked with the consultants drawings and made pump selections accordingly. The request was for a duplex Gorman-Rupp package so Chris chose Gorman-Rupp Super T-Series Pumps with the Eradicator option installed. Pump maintenance and inspections can be achieved without the need to pull the pumps out of the wet well. Cost Savings is always a factor with our experts and with this application standard "off-the-shelf" motors can be used that are readily available - where most submersibles use proprietary motors that can be expensive and can have long lead times.

THE RESULTS

- ▶ Reduced Service & Maintenance Costs
- ▶ Cost Savings

For more information on this solution or if you have a fluid handling challenge of your own - Contact a John Brooks Company Application Expert today!



FOOD PROCESSING | WASTE PIT PUMPING WASTE PIT PUMPING PACKAGE

TECHNOLOGY UTILIZED

[Gorman-Rupp Super T-Series](#) Self-Priming, Solids Handling, Centrifugal Pumps with the [Eradicator option installed](#).

HOW IT WORKS

- Super T-Series' large volute design allows automatic re-priming in a completely open system without the need for suction or discharge check valves.
- Available in discharge sizes of three, four, six, eight and ten inches, Super T-Series pumps boasts capacities to 3400 gallons per minute (214.5 liters per second) and heads to 148 feet (45 meters).
- The Eradicator system features an aggressive self-cleaning wear-plate incorporating a number of notches and grooves, as well as a patent-pending lacerating tooth, that helps break up stringy materials and pass them through the pump without impacting performance or interrupting service. A special back cover includes a patented lightweight inspection cover that can easily be removed if it is necessary to inspect the impeller. The innovative design greatly reduces troublesome clogging and expensive downtime.