

# PENTAIR® DYNAMIC TORQUE CONTROLLER™ MODULE

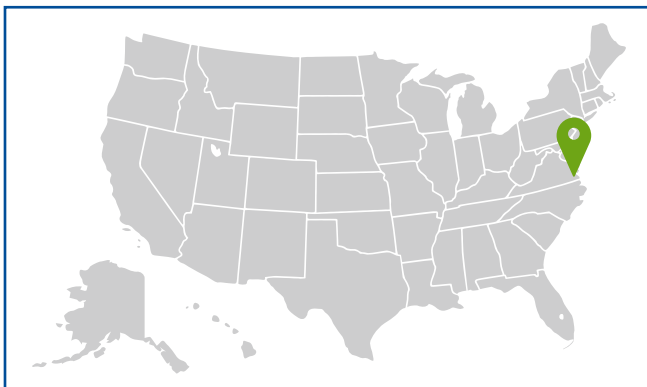
## HAMPTON ROAD SANITATION DISTRICT, VIRGINIA



200 HP PUMP



SEWERAGE PRESSURE REDUCING STATION



### PROBLEMS

- ◆ Sewage pressure reducing station with three pumps in a VFD configuration.
- ◆ Pump was clogging usually twice a week during rain events which is the only time the pump operates.

### SOLUTION

- ◆ Dynamic Torque Control technology installed November 2018 on one pump, the smaller of three in a VFD configuration.
- ◆ The technology smartly monitors pump performance in real time and detects and passes debris, keeping pumps clog free.

"Dynamic Torque Control technology<sup>1</sup> has been great. It has completely stopped the clogging of this pump, which has resulted in significant labor savings and power savings."

*Andres Mendez  
Engineer Assistant  
Hampton Road Sanitation District*

### PROJECT RESULTS\*

- ◆ Dynamic Torque Control technology has prevented clogging since being installed on November 13, 2018.
- ◆ Reduction in labor associated with servicing, estimated at \$500 per week.
- ◆ Dynamic Torque Control technology enabled pump to remain operational during rain events. Due to this, larger pumps were not required to operate as frequently, saving money on energy costs.

**LABOR SAVING:** Estimated at \$500 per week  
**CLOG REDUCTION:** Complete elimination of clogging

TO LEARN MORE VISIT [PENTAIR.COM/DTC](http://PENTAIR.COM/DTC)

\*Actual results and performance may vary based upon site and operating conditions.  
<sup>1</sup>Dynamic Torque Control technology is a licensed and branded version of the Deragger™ technology. Deragger is a registered trademark of Clearwater Controls Ltd.

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.