

PENTAIR® DYNAMIC TORQUE CONTROLLER™ MODULE

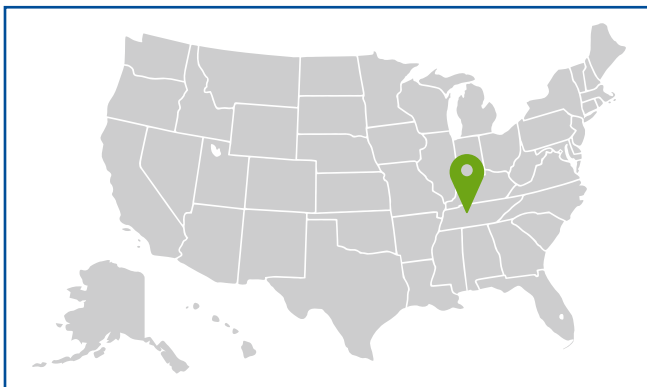
MT. JULIET, TENNESSEE



DUPLEX LIFT
STATION



NASHVILLE
METRO AREA



PROBLEMS

- ◆ Pumps clogging every week.
- ◆ Risk to employees manually lifting pumps.
- ◆ Employees regularly exposed to sewage and sharp objects.
- ◆ Excess energy consumption.

SOLUTION

- ◆ Dynamic Torque Control technology installed July 2017.
- ◆ The technology smartly monitors pump performance in real time and detects and passes debris, keeping pumps clog free.

"Prior to installing Dynamic Torque Control technology¹ we cleared clogs from the pump at least once a week."
Tim Forkum
Sewer Maintenance Supervisor
Mt. Juliet

PROJECT RESULTS*

- ◆ Reduction in clogging - pumps haven't clogged once since installation.
- ◆ Significant reduction in current from approx. 18amp average to approx. 13amps.
- ◆ 21% energy savings.

ESTIMATED ENERGY SAVINGS: 21%
AVERAGE CURRENT REDUCTION: 18amps before
Dynamic Torque Control technology down to 13amps after.

TO LEARN MORE VISIT PENTAIR.COM/DTC

¹Actual results and performance may vary based upon site and operating conditions.
²Dynamic Torque Control technology is a licensed and branded version of the Deragger™ technology.
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