

PENTAIR® DYNAMIC TORQUE CONTROLLER™ MODULE

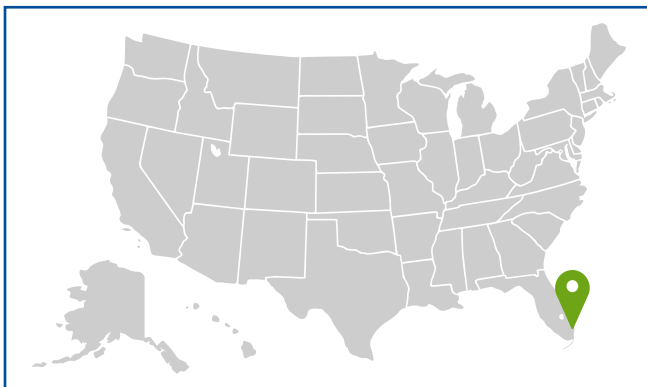
LAKE WORTH, FLORIDA



400 HP
(300KW) PUMP



37,000
RESIDENTS



PROBLEMS

- ◆ Pump clogged almost daily.
- ◆ Caused building to vibrate, a potentially hazardous situation.
- ◆ Diverted operator time unblocking the pumps.
- ◆ Risk to employees lifting pumps and being exposed to waste, sharp objects, etc.

SOLUTION

- ◆ Dynamic Torque Control technology installed June 2014.
- ◆ The technology smartly monitors pump performance in real time and detects and passes debris, keeping pumps clog free.

"It is working great for us and we have not had any clogging issues on that pump since it was installed..."

*David Laperna
Lift Station Supervisor
City of Lake Worth*

PROJECT RESULTS*

- ◆ No clogged pumps since installation over three years ago.
- ◆ Significant reduction in current from 425amps to 410amps.

NO PUMP CLOGGING FOR: over three years
CURRENT REDUCTION: 425amps before Dynamic Torque Control technology down to 410amps after.



**REDUCED
CLOGGING**

BEFORE:
PUMP
CLOGGING
EVERY
DAY

AFTER:
NO CLOGS
IN OVER 3
YEARS



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