

**Client**  
City of Pompano Beach

**Scope of Services**  
Design and construction administration services for replacement of a lime softener drive unit.

**Contact**  
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Project Manager  
City of Pompano Beach  
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**Start Date**  
08/2014

**Completion Date**  
10/2015

**Construction Cost**  
\$158,000

**Key MBC Staff**  
Frank A. Brinson, P.E.  
Audra McCafferty, P.E.

**Key Features**  
Project included rehabilitation of an existing Infilco-Degremont lime softening Accelerator unit.

## Lime Softening Unit Drive Replacement Pompano Beach, Florida



The City of Pompano Beach Water Treatment Plant utilizes a 40 million gallon per day (mgd) capacity conventional lime softening process and a 10 mgd nanofiltration (NF) membrane process. The lime softening process includes two solids-contact lime softeners (Infilco-Degremont Accelerator<sup>®</sup> units). The drive unit on the lime softening treatment unit no. 1 had reached its useful service life and required replacement. The City has requested MBC's assistance in developing technical specifications and construction administration for replacement and start-up of the drive unit. The project was completed in October 2015 with no change orders.

