

**Client**  
Broward County Water and Wastewater Services

**Scope of Services**  
Data collection and review, regulatory compliance review, preparation and submittal of compliance demonstration.

**Contact**  
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Project Manager  
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**Start Date**  
09/2014

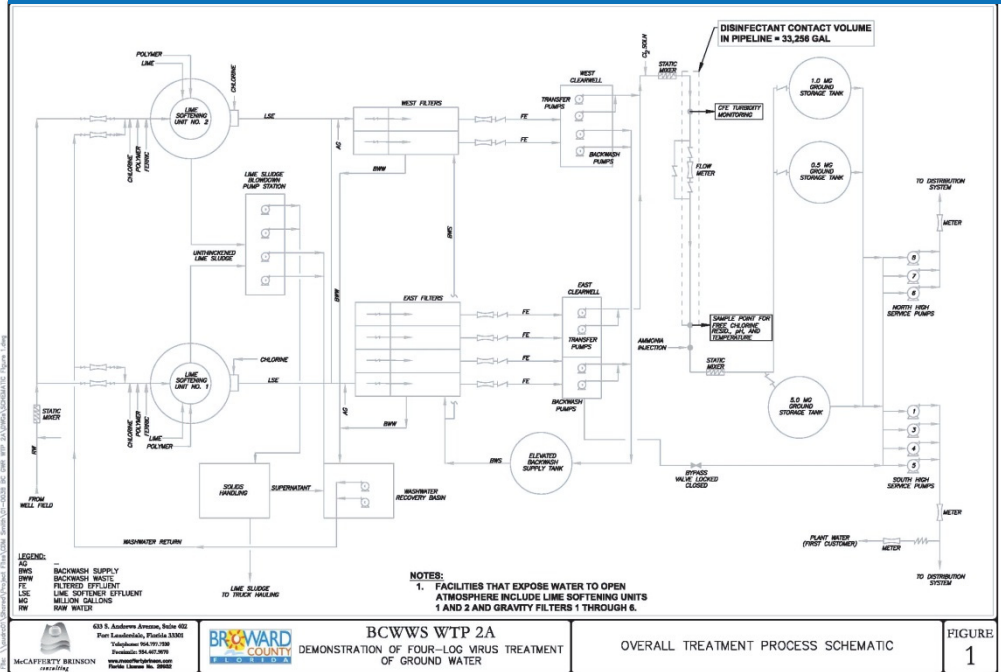
**Completion Date**  
01/2015

**Construction Cost**  
Not applicable

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

**Key Features**  
Services included demonstration of four-log virus treatment of groundwater to the Broward County Health Department and for Water Treatment Plant 2A utilizing free chlorine disinfection followed by ammonia addition.

## Broward County Water Treatment Plant 2A Four-Log Virus Treatment Demonstration Broward County, Florida



## The Project

In September 2014, Broward County Water and Wastewater Services (BCWWS) completed construction of improvements to Water Treatment Plant 2A (WTP 2A) to provide four-log disinfection of the stream at the common transfer line from the clearwells to the on-site finished water storage tanks in compliance with applicable treatment requirements under the Federal Groundwater Rule (GWR). At the conclusion of the construction phase of the project, BCWWS retained McCafferty Brinson Consulting, LLC (MBC) to prepare the Demonstration of Four-Log Treatment of Groundwater submittal to the Florida Department of Health in Broward County (FDHBC) and Florida Department of Environmental Protection (FDEP). The determination of Four-Log Virus Treatment of Groundwater was issued by the FDHBC/FDEP for WTP 2A in April 2015. MBC's services included data collection and review, regulatory review, preparation of the submittal document, and responding to requests for additional information from the regulatory agencies.