

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: April 4, 2018

TO: Carlotta S. Stauffer, Commission Clerk, Office of Commission Clerk

FROM: Penelope D. Buys, Engineering Specialist III, Division of Engineering *PDB REH*

RE: Docket No. 20170166-WS - Application for limited proceeding rate increase in Orange County by Pluris Wedgefield, Inc.

Please add the following e-mail with attachment to the docket file. The attachment is the current testing results for TTHMs.

Thank you.

Penny Buys

From: Martin S. Friedman <mfriedman@ff-attorneys.com>
Sent: Wednesday, April 04, 2018 2:16 PM
To: Laura King; Penny Buys; Robert Graves
Subject: Wedgefield/DN: 20170166
Attachments: Chlorine Dioxide April 2018 Update.pdf

FYI

PLEASE NOTE OUR NEW OFFICE LOCATION

MARTIN S. FRIEDMAN, ESQ.
Shareholder



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April, 2018

Total Trihalomethanes (“TTHMs”) at Wedgefield continue to be Non-Detected for 4th Straight Quarter

Pluris Wedgefield (“Pluris”) is pleased to announce that the disinfectant by-product, total tri-halomethane (“TTHM”) continues to be non-detected in Wedgefield drinking water. With the latest Florida Department of Environmental Protection (“FDEP”) compliance analytical laboratory testing results on March 20, 2018, TTHM has been non-detected for the past four (4) quarters. A summary of the past FDEP compliance testing dating back to the beginning of the FDEP permitted pilot study evaluating chlorine dioxide is presented below.

Pluris believes the conversion from chlorine to chlorine dioxide as the primary disinfectant has been a principal reason as chlorine dioxide, unlike chlorine does not create an environment for the formation of TTHM.

**TTHM Test Results in Micrograms per Liter ($\mu\text{g/l}$)
(Federal EPA Stage II TTHM Limit is 80 $\mu\text{g/l}$)**

Date	FDEP Determined Location Test Site #1	FDEP Determined Location Test Site #2
6/23/2017	non-detect	non-detect
9/7/2017	non-detect	non-detect
12/21/2017	non-detect	non-detect
3/20/2018	non-detect	non-detect

As always, any customers with questions or desiring to visit the water treatment plant facility are encouraged to contact Mr. Joe Kuhns, Regional Manager for Pluris. He will personally schedule a facility visit for any customer wanting to observe the new chlorine dioxide treatment process, as well as the entire water treatment facility. Mr. Kuhns can be reached via email at jkuhns@plurisusa.com or by telephone at (813) 526-0608.