

February 17, 2015

Technical Review and Oversight Team (MC 159)
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

Re: UV Disinfection Installation Notification and Calculation Documentation
City of Wichita Falls (PWS 2430001) Direct Potable Reuse Facility – TP410791
UV Disinfection System – Plan Review Log No. P-11132014-113
Wichita County, Texas
RN105598759; CN600129316

The City of Wichita Falls has started up the UV disinfection system for their Direct Potable Reuse (DPR) facility at their Cypress Water Treatment Plant. The system has been constructed in accordance with the plans and specifications approved December 29, 2014 and the UV Disinfection Exception Authorization dated January 13, 2015. With this notification, the City requests extension of DPR authorization through February 29, 2016. The City is continuing to develop their long-term project to direct treated effluent to Lake Arrowhead for augmentation, and is investigating local groundwater supplies for potential emergency use, but the temporary DPR program continues to serve a critical need under current drought conditions.

Please find attached the following:

1. TrojanUV letter (**Confidential**) dated February 4, 2015 clarifying calculation of *Cryptosporidium* log inactivation.
2. SCADA system data documenting recorded data for the UV disinfection system for 2-13-15.
3. SWMOR-Alt spreadsheet (UV Monthly Operating Report and related worksheets) for 2-13-15.
4. Standard Operating Procedure – UV Reactor Startup
5. Standard Operating Procedure – UVT Analyzer Startup
6. Standard Operating Procedure – UV Reactor Shutdown

Please note that all data required to be collected at 15-minute intervals is documented and calculations are consistent with the reactor validation procedure and the USEPA UV Disinfection Guidance Manual.

Please contact me if any additional information is required to evaluate this request.

Sincerely,



David W. Sloan, P.E., BCEE
Senior Process Engineer

cc: Russell Schreiber, City of Wichita Falls
Kerry Maroney, Biggs & Mathews, Inc.

Attachments