



Texas Commission on Environmental Quality

Protecting Texas by Reducing and Preventing Pollution

July 17, 2015

Mr. Shawn M. Garcia, P.E.
City of Wichita Falls
1300 7th Street
Wichita Falls, TX 76307

Re: City of Wichita Falls - Public Water System ID No. 2430001
Proposed Temporary DPR Decommissioning Report
Engineer Contact Telephone: (940) 761-7477
Plan Review Log No. P-06032015-031
Wichita County, Texas

CN600129316; RN105598759

Dear Mr. Garcia:

On June 3, 2015, the Texas Commission on Environmental Quality (TCEQ) received planning material with your letter dated May 29, 2015 for the Temporary Direct Potable Reuse (DPR) decommissioning report. Additional material was received on June 25, 2015. Based on our review, the project generally meets the minimum requirements of Title 30 Texas Administrative Code (TAC) Chapter 290 – Rules and Regulations for Public Water Systems and is **conditionally approved for decommissioning**. Please review the requirements for decommissioning below:

1. The exceptions granted in our May 13, 2015 letter are addressed individually below. The conditions in TCEQ's May 13, 2015 letter **will no longer apply to your PWS when the temporary DPR WTP is decommissioned**. Those exceptions that are necessary to operate the 2008 reverse osmosis (RO) plant and to use chloramines have been amended to remove mention of the River Road wastewater treatment plant (RRWWTP) effluent. The amended exception letters are attached.
 - a) The use of RRWWTP effluent in lieu of groundwater or surface water as a source of water for a public water system [30 TAC §290.41] is **no longer valid** when the temporary DPR WTP is decommissioned.
 - b) The use of the Temporary DPR WTP equipment and piping in the DPR configuration which includes common walls between areas carrying water in prior stages of treatment [30 TAC §290.42(d)(2)] is **no longer valid** when the temporary DPR WTP is decommissioned.
 - c) The use of pre-formed chloramines as a pre-disinfectant [30 TAC §290.42(e)(3)(G)] is **no longer valid** when the temporary DPR WTP is decommissioned.

- d) The use of chloramines [30 TAC §290.42(e)(3)(G)] as a disinfectant is **granted** and the conditions can be found in the attached letter.
 - e) The use of Micro-filtration (MF) membranes for removal of pathogens [30 TAC §290.42(g)(3)] is **granted** and the conditions can be found the attached letter.
 - f) The use of reverse osmosis (RO) membranes for the removal of primary and secondary drinking water chemical contaminants [30 TAC §290.42(g)] is **granted** and the conditions can be found in the attached letter.
 - g) Post-RO membrane pH adjustment [30 TAC §290.42(g)] is **no longer valid** when the temporary DPR WTP is decommissioned.
 - h) The use of ultraviolet light (UV) for pathogen removal [30 TAC §290.42(g)(5)] is **no longer valid** when the temporary DPR WTP is decommissioned. If the UV system will be reinstalled in the future, please submit an exception request and plans and specifications for the new location showing how the configuration compares to that of the approved validation study.
2. The CT studies for the Temporary DPR WTP and Cypress 2010 WTP provided with TCEQ's May 13, 2015 letter must be used to complete the temporary DPR WTP and Cypress 2010 WTP SWMOR-alt forms until the Temporary DPR WTP stops sending water to the distribution system.
3. After the facility is reconfigured, adequately disinfected, and begins producing potable water without RRWWTP effluent as a source, the attached revised CT studies must be used to complete the SWMORs for the Cypress 2010 WTP, Cypress 2008 RO WTP, Cypress 1987 WTP, and Cypress 1961 WTP. Please be sure to use the May 13, 2015 Cypress 2010 WTP CT study when in DPR mode, and the revised Cypress 2010 WTP CT study when in normal SWTP mode.

The submittal consisted of 12 sheets of engineering drawings, decommissioning report, engineering report and technical specifications. The approved project consists of:

- Decommissioning of the City of Wichita Falls Temporary DPR system and transition to normal operation of conventional (surface water) Water Treatment Plants

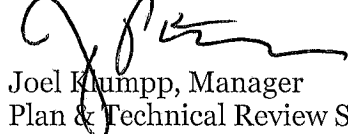
An appointed engineer must notify the TCEQ's Region Office 3 in Abilene at (915) 698-9674 when construction will start. **Please keep in mind that upon completion of the decommissioning project, the City must notify the Water Supply Division and the TCEQ Abilene Regional Office, in writing,** as to its completion and attest to the fact that the work has been completed essentially according to the plans and change orders on file with the commission as required in 30 TAC §290.39(h)(3).

Please refer to the Utilities Technical Review Team's Log No. **P-06032015-031** in all correspondence for this project. This will help complete our review and prevent it from being considered a new project.

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If you have any questions regarding this letter or need further assistance, please contact Mr. Joel Klumpp at (512) 239-4453 or by e-mail at joel.klumpp@tceq.texas.gov or Ms. Vera Poe, P.E., at (512) 239-6988 or by e-mail at vera.poe@tceq.texas.gov.

Sincerely,



Joel Klumpp, Manager
Plan & Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality



Vera Poe, P.E., Team Leader
Utilities Technical Review Team
Plan & Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality



Linda Brookins, Director
Water Supply Division
Office of Water
Texas Commission on Environmental Quality

LB/JPK/VP/cas/mew

Enclosures:

- Amended Exception letter for the use of chloramines dated July 17, 2015;
- Amended Exception letter for Micro-filtration (MF) and reverse osmosis (RO) membranes dated July 17, 2015;
- CT Study Letter for the Cypress Water Treatment Plant - 1961 Plant dated July 17, 2015;
- CT Study Letter for the Cypress Water Treatment Plant - 1987 Plant dated July 17, 2015;
- CT Study Letter for the Cypress Water Treatment Plant - RO Membrane Plant dated July 17, 2015;
- CT Study Letter for the Cypress 2010 Water Treatment Plant dated July 17, 2015;

cc: City of Wichita Falls, Attn: Honorable Glenn Barham, P.O. Box, 1431 Wichita Falls, TX 76307-1431
City of Wichita Falls, Attn: Mr. Darron Leiker, City Manager, 1300 7th Street, Wichita Falls, TX 76301
City of Wichita Falls, Attn: Daniel K. Nix, Utilities Operations Manager, P.O. Box 1431, Wichita Falls, Texas 76307-1431

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bcc: TCEQ Region No. 3 Office - Abilene (w/approved materials)
TCEQ PWSINV, MC-155