

City of Wichita Falls Emergency DPR Project

Summary of TCEQ-City Interaction

From 2004 through 2007, the City piloted membranes using the City's wastewater treatment plant effluent as source water for industrial and potable water.

On March 26, 2012, Mr. Daniel Nix, Water Source/Purification Superintendent for the City of Wichita Falls (City), contacted staff with the Technical Review & Oversight Team to discuss pursuing the direct potable reuse of wastewater under emergency construction that may include laying some pipelines on top of the ground.

On April 13, 2012, staff set up a meeting for the City staff and their engineers (CDM) with appropriate Water Supply Division staff in Austin.

On May 9, 2012, the City submitted exception requests related to the proposed reuse project.

On June 6, 2012, TCEQ staff met with Russell Schreiber, City of Wichita Falls Director of Public Works, Daniel Nix, Wichita Falls Operations Manager, Susan Crawford with CDM Smith, and Dean Hinton with Corlett, Probst & Boyd to discuss the City's May 9, 2012 submittal.

On June 12, 2012, Plan & Technical Review staff briefed Ms. Brookins on this project.

On June 29, 2012, a response letter was mailed to the City.

On August 6, 2012, PTR staff met with the City and its representatives via teleconference on August 6, 2012. The City posed additional questions to TCEQ regarding their proposed DPR project.

On August 17, 2012, PTR staff met with Ms. Brookins to discuss this project. It was agreed that additional information was needed and the City and its engineers would be requested to submit a Preliminary Engineering Report with the supporting information for the proposed design of the reuse project.

On August 28, 2012, PTR staff had a conference call with Ms. Crawford, Mr. Hinton, and Mr. Nix.

On September 7, 2012, a conference call meeting with the City took place. During that call, TCEQ staff stated the minimum treatment requirements for the City's proposed DPR project will be:

- 8.0-log removal/inactivation of viruses;
- 6.0-log removal/inactivation of Giardia;
- 5.5-log removal/inactivation of Cryptosporidium.

The City and its representatives indicated that a preliminary engineering report will be prepared and submitted to the TCEQ.

On September 25, 2012, Daniel Nix, with the City, called PT staff to discuss the City's short-term and long-term options. Mr. Nix stated that the City is preparing a submittal with a proposal for a short-term solution which involves treatment of the City's wastewater at the City's Cypress water treatment plant. Long-term options include construction of a DPR plant which includes reverse osmosis and UV disinfection.

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On October 29, 2012, Mr. Nix contacted PTR staff and requested that a conference call be scheduled.

On November 2, 2012, a teleconference took place. The City will follow up to the conference call by providing a concept paper which summarizes the City's short-term emergency DPR project plans.

On November 13, 2012, Mr. Nix submitted the City's concept paper.

On November 28, 2012, staff from PTR and the Water Quality Division met with Daniel Nix and Russell Schreiber via conference call to discuss issues related to wastewater permitting.

On January 14, 2013, a teleconference with the City was held to discuss the TCEQ draft response to the City's concept paper.

On January 18, 2013, Water Supply Division staff had a conference call meeting with the City's staff and engineer regarding the TCEQ's draft response to the City's concept paper for a temporary DPR WTP.

On February 7, 2013, Ms. L'Oreal Stepney, Deputy Director, Office of Water, was briefed on staff's response to the City's submitted concept paper for a temporary direct potable reuse water treatment plant.

On February 8, 2013, the TCEQ's response letter to the City's submitted concept paper was signed and a copy of the signed letter emailed to the City.

On February 20, 2013, Daniel Nix and Russell Schreiber called PTR staff to discuss some questions they had about the 02/08/13 letter.

On March 4, 2013, a copy of TCEQ's draft full-scale verification monitoring was provided to the City.

On March 25, 2013, Mr. Nix and Mr. Southard called and spoke with PTR staff to discuss questions and comments they have regarding the draft full-scale verification monitoring document provided to the City on 03/04/13.

On April 3, 2013, a written response to the City's questions was sent to the City.

On May 1, 2013, the TCEQ received a letter from the City requesting exceptions for the DPR project.

On May 13, 2013, the City submitted a preliminary engineering report (PER) for the DPR project.

To date, internal meetings regarding the PER have taken place on:

- 05/31/13
- 06/07/13
- 06/12/13
- 06/21/13
- 06/26/13

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- 07/03/13
- 07/18/13
- 07/19/13
- 07/25/13

On June 3, 2013, PTR staff had a conference call meeting with the City's staff and engineer regarding TCEQ's review of the PER.

On June 18, 2013, PTR staff sent the City via email questions regarding the PER.

On June 21, 2013, PTR staff had a conference call meeting with the City's staff and engineer regarding a possible change by the City to the PER.

On June 26, 2013, PTR staff sent the City via email questions regarding the PER (TCEQ 2nd set of questions).

On June 27, 2013, the City provided their responses to the TCEQ's first set of questions.

On July 2, 2013, PTR staff had a conference call meeting with the City's staff and engineer regarding their responses to the TCEQ's first set of questions.

On July 3, 2013, PTR staff had a conference call meeting with the City's staff and engineer regarding the TCEQ review of the PER.

On July 5, 2013, PTR staff sent the City via email questions regarding the PER (TCEQ 3rd set of questions).

On July 12, 2013, Linda Brookins had a conference call meeting with Russell Schreiber.

On July 16, 2013, the City provided their responses to the TCEQ's second set of questions.

On July 17, 2013, PTR staff sent the City via email questions regarding the City's PER (TCEQ 4th set of questions).

On July 18, 2013, PTR staff had a conference call meeting with the City's staff and engineer regarding the project.

On July 23, 2013, PTR staff sent the City via email questions regarding the City's pre-treatment program (TCEQ 5th set of questions).

On July 23, 2013, PTR staff sent the City via email information regarding real-time pathogen monitoring. This email was a follow-up to the July 18, 2013 meeting.

On July 25, 2013, the City provided their responses to the TCEQ's third set of questions.

On July 25, 2013, the City provided a supplemental response to the TCEQ's first set of questions.

On July 25, 2013, PTR staff had a conference call meeting with the City's staff and engineer regarding the project.

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On July 29, 2013, PTR staff sent the City via email information regarding shutdown criteria for the full-scale verification test and pathogen monitoring requirements. This email was a follow-up to the July 25, 2013 meeting.