



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 22, 2014

Mr. Kerry D. Maroney, P.E.
Biggs & Mathews, Inc.
2500 Brook Avenue
Wichita Falls, Texas 76301

Re: City of Wichita Falls - Public Water System ID No. 2430001
Final Engineering Report for 6-month Temporary Direct Potable Reuse (DPR)
Project Engineer Contact Telephone: (940) 766-0156
Plan Review Log No. P-12112013-063
Wichita County, Texas

Dear Mr. Maroney:

On December 11, 2013, the Texas Commission on Environmental Quality (TCEQ) received the final engineering report (FER) for the temporary Direct Potable Reuse (DPR) project for the above referenced public drinking water system. Due to the ongoing drought conditions, the City of Wichita Falls (City) has requested temporary approval to modify the City's Cypress 2008 and 2010 Surface Water Treatment Plants (SWTP) to treat the City's River Road Wastewater Treatment Plant (RR WWTP) effluent to a safe level for human consumption. The treatment will be for a period not to exceed six months as stated in the City's November 2012 Concept Paper for the Emergency Reuse of Wastewater Effluent as a Source for Direct Potable Reuse in Wichita Falls and approved by the TCEQ. The proposed project includes the temporary piping modifications at the 2010 Cypress SWTP to convert the existing plant to a DPR plant.

This letter authorizes the City to begin the Full-Scale Verification (FSV) Test. At the City's request, TCEQ staff is planning on being present at the start of the FSV Test on January 27, 2014. TCEQ staff request that the individuals who will prepare the FSV Test report be on-site to meet with TCEQ staff regarding the FSV test and preparation of the report.

Review of Engineering Report and Plans

Based on the review of the information submitted, the temporary piping modifications at the existing Cypress 2008 and Cypress 2010 SWTPs to operate in series as a temporary DPR WTP are **conditionally approved under the following requirements:**

1. **This letter is NOT TCEQ approval for:**

- a. the full scale verification (FSV) Test Report;
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- b. the City to discharge the treated RR WWTP effluent to distribution for human consumption; or
 - c. the City to use the Cypress facility's SWTPs for treating surface water and discharging it to distribution for human consumption.
2. This letter does not modify the conditions for the granted temporary exceptions or requirements for the FSV Test Protocol previously specified in our September 5, 2013 letter and Enclosures B through H or our October 15, 2013 Addenda I, J and K. **The City must comply with all the conditions listed in TCEQ's September 5, 2013 letter and Enclosures B through H and October 15, 2013 Addenda I, J and K regarding temporary exceptions and the FSV Test Protocol. Please note that the conditional approval for the City to conduct the FSV Test is contingent upon the City complying with all requirements as currently specified in these TCEQ documents without change, modification or amendment.**
3. Based on our review of your submitted FER and Appendices A through Q, we found omissions and the need for clarifications to ensure the City complies with the requirements in the TCEQ's previous correspondences, emails and conference calls. These clarifications (such as the distinction of when "chlorine" as free chlorine, "total chlorine" as chloramine, and "monochloramine" are being measured and reported) will prevent possible mistakes and confusion for City staff during the FSV Test and potential delays in the TCEQ staff review of the FSV Test Report. Please see the TCEQ's comments regarding the noted omissions and requested clarifications in this letter's Enclosure A.
The City must comply with and implement the clarifications and necessary amendments to the submitted FER and Appendices A through Q stated in this letter and Enclosure.
4. During the FSV testing or mock testing, the produced water from the temporary DPR WTP must not be sent to the distribution system and must be discharged in accordance with the current waste discharge permit issued on February 9, 2006.
5. **Lake Kemp raw water pipeline valve located in the 2008 SWTP flow control vault before the temporary RR WWTP effluent pipeline connection must be kept closed from this date forward during the FSV Test and during the TCEQ approved temporary operation of the DPR WTP. This valve cannot be opened until the City receives written or email approval from the TCEQ.**
6. Since the City has begun discharging the RR WWTP effluent into the Cypress facility, the Cypress Splitter Box's weir gates for the conventional 1961 and 1987 SWTPs must always be closed and cannot be opened again until the City receives written or email approval from the TCEQ.

Project Description

The proposed DPR project utilizes treated wastewater effluent from the RR WWTP to augment the supply of raw surface water from Lake Kemp through Lake Diversion and from Lake Arrowhead and Lake Kickapoo through the Secondary Reservoir. The temporary project includes the installation and construction of temporary skid mounted pumps at the RR WWTP and temporary transmission waterline. The temporary pumps and waterline will transport treated wastewater from the RR WWTP to the Lake Diversion raw surface water pipeline in the Cypress 2008 SWTP's Flow Control Vault. The valve on the Lake Diversion pipeline at the 2008 SWTP's Flow Control Vault located immediately before the connection with the RR WWTP effluent transmission pipeline will remain closed as long as the RR WWTP effluent transmission pipeline is connected to the Cypress Facility. The constructed temporary RR WWTP effluent transmission line is approximately 12 miles of 32-inch outside diameter, high density polyethylene (HDPE) waterline. Pre-formed chloramines (measured as monochloramine) will be used as a disinfectant in the temporary RR WWTP effluent transmission pipeline for inactivation CT credit.

The RR WWTP effluent is partially treated through the 2008 Cypress Microfiltration/Reverse Osmosis (MF/RO) Membrane SWTP using coagulation, flocculation, clarification, MF membranes for pathogen removal, RO membranes for chemical removal, and chloramines (measured as monochloramine) as a disinfectant. The RO permeate will discharge into the Cypress Lagoon No. 3 which has previously received backwash waste for recycling. Pipe modifications will prevent the discharge of RO permeate to the Cypress 2010 SWTP Clearwell and Cypress 1961 SWTP Clearwell and any facility process or wastewater from discharging into Lagoon No. 3 during the temporary operation of the Cypress Facility as a DPR WTP.

The partially treated RR WWTP effluent from Lagoon No. 3 and Secondary Reservoir raw surface water will be blended before the existing Cypress raw water Splitter Box. The Cypress Splitter Box's weir gates to the Cypress 1961 SWTP and Cypress 1987 SWTP will remain closed as long as the temporary RR WWTP effluent transmission pipeline is connected to the Cypress Facility. The blending ratio of 50.00 percent for the partially treated RR WWTP effluent from Lagoon No. 3 to Secondary Reservoir raw surface water is to be maintained by an existing reuse flow meter (set at a maximum of 5.0 MGD) and existing 2010 SWTP's parshall flume flow measurements (set at a maximum of 10.0 MGD). The ratio will be continuously monitored at Cypress SWTP control room. The blended partially treated RR WWTP effluent and raw surface water will then be treated through the existing 2010 Cypress SWTP using coagulation, flocculation, clarification, gravity media filtration, and chloramines (measured as monochloramine) as a disinfectant.

The temporary piping modifications include the isolation of the Cypress 3.0-MG, 5.0-MG, and 10.0-MG ground storage tanks (GST) from the Cypress 2010 SWTP's Clearwell transfer pumps during the FSV Test.

The submittal consisted of two volumes of specifications and eight sheets of temporary piping modifications drawings for the Cypress Facility's SWTPs. The project consists of:

- Approximately 3,800 linear feet (l.f.) of proposed temporary 24-inch above ground HDPE waterline to divert the Cypress 2008 SWTP's RO permeate to existing storage Lagoon No. 3 with a nine-inch vertical separation between the bottom of the pipe and the top of the lagoon's berm;
- Approximately 4,400 l.f. of 18-inch above-ground HDPE waterline from the 2010 SWTP's Clearwell transfer pumps to an existing manhole with a minimum 9-inch air gap;
- Two temporary 24-inch above ground pipes to supply backwash water to the 2010 SWTP filters from the 2010 SWTP Clearwell with flow and pressure control from the existing backwash supply equipment; and
- Approximately 2,100 l.f. of a temporary 18-inch HDPE above ground waterline from the 2010 Lagoon Valve Vault, located north of Lagoon No. 2 that will discharge into an existing 20-inch brine line that ultimately discharges to the Wichita River;
- Related valves, piping and appurtenances.

Temporary Exceptions Previously Granted

The innovative temporary DPR WTP project requires exceptions. The following temporary exceptions were approved on a conditional basis by TCEQ's letters dated September 5, 2013 and October 15, 2013:

- Treated wastewater effluent as a public water system raw water source [30 Texas Administrative Code (TAC) Section 290.41].
- Isolation of the Cypress 1961 and 1987 SWTPs' equipment and piping from the temporary Cypress DPR WTP equipment and piping during the verification testing to prevent contamination of these facilities and a risk to public health when the Cypress 2008 and 2010 SWTPs are returned to normal operation treating only surface water [30 TAC §290.42(d)(2)];
- Pre-formed chloramines for pre-disinfection [30 TAC Section 290.42(e)(3)(G)];
- Hollow-Fiber Microfiltration membranes for removal of pathogens [30 TAC Section 290.42(g)(3)].
- Use of Reverse Osmosis (RO) membrane treatment for the removal of primary and secondary contaminants [30TAC Section 290.42(g)]; and,
- Post-RO membranes pH Adjustment [30 TAC Section 290.42(g)].

The following piping and related appurtenance modifications for isolation must remain in place and specified valves must remain closed during the operation of the temporary Cypress DPR water plant while conducting the FSV Test:

- Existing 24-inch valve in the Lake Kemp Headquarters Road flow control vault must remain closed at all times during the operations of the DPR plant;
- The existing 36-inch RO permeate line will be temporarily disconnected and plugged from the 1961 and 2010 SWTPs;
- Piping modifications at Lagoon No. 3 pump station to prevent water entering from Lagoon No. 2 and filter to waste line with 12-inch plugs;
- Weir gates in the Cypress SWTP splitter box feeding 1961 and 1987 SWTPs must remain closed at all times;
- Removal of existing 42-inch 90 degree bend at the Cypress 2010 SWTP's Clearwell transfer pump header to disconnect from all three ground storage tanks and an 18-inch pipe to be laid above ground to an existing manhole that discharges into the existing recovery well;
- Removal of a portion of 24-inch pipe from the backwash supply line and installation of a 24-inch 90 degree bend to disconnect from backwash pumps located at the High Service Pump Station and removal of the existing flanged coupling adaptor in the valve vault to disconnect backwash supply to 1961 and 1987 plants;
- Existing drain valves at the 1961 SWTP settling basins and 1987 SWTP Parshall Flume must remain open during the operation of the temporary DPR plant.

TCEQ Staff January 9, 2014 On-Site Cypress Facility Visit

On January 9, 2014, Mr. Red Weddell of the TCEQ Water Supply Division and Mr. Cliff Moore and Ms. Jennelle Crane from the TCEQ Abilene Region 3 Office visited the City's Cypress Facility. Mr. Mark Southard and other City staff conducted the TCEQ staff through the Cypress Facility during this on-site visit. The purpose of the TCEQ staff visit was to verify that the City was in compliance with the requirements listed under Condition No. 12 of TCEQ's September 5, 2013 letter as specified in Condition No. 13 of the same letter and repeated below:

All of the above [Condition Nos. 12.a through No. 12.g] referenced valve and gate closures and piping modifications must be completed prior to the RR WWTP transfer pumps being turned on after connecting the wastewater effluent piping to the temporary Cypress DPR WTP. TCEQ staff will inspect the DPR WTP to confirm isolation as described in Condition No. 12 has been completed. The inspection must occur before the Full-Scale Verification Test may begin.

The following is a summary of the TCEQ staff's findings during this visit. All references to engineering drawings are for those drawings in the submittal with your December 10, 2013 letter and FER contained in Appendix N-Temporary Direct Potable Reuse Cypress WTP Piping Modifications.

- 12.a *The 2008 SWTP flow control vault's valve located on the Lake Kemp/Headquarters Road Reservoir pipeline must remain closed at all times during the verification testing (and during the proposed six-month temporary discharge of potable water to the distribution system).*

The 2008 MF/RO SWTP flow control vault's 24-inch existing valve

located on the Lake Kemp/Headquarters Road Reservoir pipeline shown as Detail 10 on Sheet 1 and Connection 10 on Sheet 8 of the engineering drawings must remain closed before the new interconnection with the RR WWTP effluent pipeline. This valve was closed at the time the TCEQ staff performed its on-site visit in compliance with 12.a. City staff installed a short chain and lock on the gate valve handle while TCEQ staff were on-site since the handle could not be removed. The digital display for the flow meter immediately after the valve was reading zero before the connection with the RR WWTP. The Lake Kemp/Headquarters Road pumps were turned off and the RR WWTP pumps were also off. However, the City had already pumped RR WWTP effluent through the 2008 MF/RO static mixer and into the 2008 MF/RO clarifier, but not past that treatment unit as reported by the City. The SCADA system indicated the valves for the high flow static meter were open. The City was attempting to replace the Lake Kemp water with the RR WWTP effluent in preparation for the FSV Test.

While this meter is not located to measure the flow rate of RR WWTP effluent into the 2008 MF/RO SWTP, one of the City operators indicated that the turbulence caused from the RR WWTP effluent downstream of this meter had caused it to give random readings when the WWTP pumps had been on. Mr. Weddell and the City operators discussed if there was a way to determine if the gate valve was leaking WWTP effluent into the Kemp/Headquarters Road pipeline at the time, or at a time in the future. Neither Mr. Weddell nor the operators noted a method to use.

- 12.b *The weir gates in the Cypress Splitter Box to the 1961 and 1987 SWTPs must be maintained closed.*

During the on-site visit the TCEQ noted that the weir gate for the 1961 SWTP was closed in compliance with Condition No. 12.b. However, the weir gate for the 1987 SWTP was open in noncompliance with Condition No. 12.b. The City was treating water from the Secondary Reservoir (Lakes Kickapoo and Arrowhead) and discharging it to distribution at the time of the on-site visit. This also was not in compliance with Condition No. 13 above.

Please see the January 10 and January 13, 2014 emails from Ms. Linda Brookins, Manager, TCEQ Water Supply Division, regarding this issue. We have attached these emails as Enclosure B.

It was observed that the level of water in Lagoon No. 3 (where the partially treated RR WWTP effluent from the 2008 MF/RO SWTP will discharge) was near the bottom and barely over the intake for the Reuse Pumps (Detail 1 on Sheets 1 & 2 and Connection No. 1 on Sheet 8). These pumps will be used to discharge the partially treated RR WWTP effluent into the Secondary Reservoir pipeline before the Cypress Splitter Box. In addition, the four Reuse Pumps were not in operation. City staff reported that the purpose of continuing operation of the 1987 SWTP was so that customers in the pressure plane served by the Cypress Facility would not begin experiencing reduced

pressures, yet that will occur once the Cypress pressure plane and Jasper pressure planes are combined during the FSV Test.

(iii) As proposed by the City in your July 29, 2013 email, the drain valve in the 1961 SWTP settling basin must be maintained open during the verification testing and during the proposed six-month temporary discharge to the potable water distribution system;

The 1961 SWTP's settling basin was observed to be drained at the time of the on-site visit and the City staff reported that the valve was still open in compliance with Condition No. 12.b(iii).

(iv) The drain valve in the 1987 SWTP Parshall flume must be maintained open during the verification testing and during the proposed six-month temporary discharge to the potable water distribution system;

Since the 1987 SWTP was still in operation, the drain valve in the parshall flume was closed and not in compliance with Condition No. 12.b(iv) at the time of the TCEQ's on-site visit.

Please see the January 10 and January 13, 2014 emails from Ms. Linda Brookins, Manager, TCEQ Water Supply Division, regarding this issue. We have attached these emails as Enclosure B.

- 12.c *As shown in Detail No. 1 on Sheet 2 of the engineering drawings in the PER's Appendix N, also included with your July 16, 2013 letter, the RO permeate 36-inch pipeline from the RO permeate tanks to the 2010 and 1961 SWTP clearwells must be cut (or an appropriate fitting removed) after the RO permeate flow meter and connected to the proposed temporary above-ground, 24-inch pipeline to waste Lagoon No. 3. The 36-inch pipe to the clearwells must have a blind flange installed or be capped to prevent the entrance of contaminants during the DPR WTP's verification testing.*

TCEQ staff was unable to observe this piping modification at the time of the on-site visit because the City had already buried the piping. However, the City staff provided a photograph showing the modification as having been constructed in compliance with Condition No. 12.e and shown on the FER's Appendix N Detail 2 on Sheets 1 & 2 and Connection No. 2 on Sheet 4.

- 12.d *Detail No. 2 on Sheet 2 of the engineering drawings in the PER's Appendix N, also included with your July 16, 2013 letter, must be modified to require a minimum separation distance of nine (9) inches from the bottom of the 24-inch pipe to the top elevation of the waste Lagoon No. 3's berm.*

The TCEQ staff noted that the temporary RO permeate discharge piping into Lagoon No. 3 was installed at least nine inches above the lagoon's freeboard in compliance with Condition No. 12.d and shown on the FER's Appendix N Detail 3 on Sheets 1 & 2 and Connection No. 3 on Sheet 4.

- 12.e *(e) A 42-inch, 90-degree elbow must be removed (as proposed by the City in your email dated July 29, 2013) from the 2010 SWTP transfer pumps' discharge and the discharge piping connected to the temporary 12-inch,*

above-ground pipe discharging into the manhole that drains to the 2010 SWTP recovery well located on waste Lagoon No. 2. A blind flange or cap must be installed on the 42-inch pipe to the 3.0-MG, 5.0-MG and 10.0-MG GST) to prevent the entrance of contaminants during the DPR WTP's verification testing and TCEQ-approved temporary operation.

The TCEQ staff observed the above ground 90-degree elbow on the 2010 clearwell's transfer pumps was removed and the pipeline to the Cypress 10.0 MG, 5.0 MG and 3.0 MG GSTs was capped with a flange in compliance with Condition No. 12.e and shown on the FER's Appendix N Detail 4 on Sheets 1 & 3 and Connection 4 on Sheet 5.

- 12.f *Detail No. 4 on Sheet 2 of the engineering drawings in the PER's Appendix N, also included with your July 16, 2013 letter, must be modified to require a minimum separation distance of nine (9) inches from the bottom of the 12-inch pipe to the top elevation of the manhole.*

The TCEQ staff observed that the City's proposed temporary piping modification was not made in accordance with Detail 7 on Sheets 1 & 3 and Connection 7 on Sheet 6. While this modification eliminates the Condition No. 12.f requirement, the TCEQ has not had the opportunity to review this "as-built" modification.

The TCEQ must receive the appropriate change order engineering drawings showing the modifications that were not constructed and including those that were for our files.

City Staff reported that after originally constructing this modification and testing it, water discharged not only went into the manhole, but all over the ground surface. As an alternative, the TCEQ staff noted that the City had used the 90-degree elbow to continue the temporary 2010 Clearwell transfer pumps' discharge piping on top of the ground to terminate approximately six feet out into the 2010 Recovery Well level with the overflow elevation of the Recovery Well.

As long as the water level in the 2010 Recovery Well can never rise to the bottom of the temporary 2010 Clearwell transfer pumps' discharge piping, the alternate construction would be acceptable. This concern must be addressed with change order drawings for our files.

- 12.g *The backwash supply pipe for the 2010 SWTP gravity media filters must be disconnected from the backwash pumps' pipe coming from the Cypress High Service Pump Station during the verification testing. The pipe from the pump station will need to be temporarily plugged or capped at the point of disconnection to prevent the entrance of contaminants. During the verification testing, the City will need to use one of the following methods to supply backwash water for the 2010 SWTP gravity media filters by temporarily connecting the backwash supply pipe at the 2010 SWTP gravity media filters either:*

- (i) *To a pipe from the temporary 2010 SWTP transfer pumps' discharge header (going to waste) with necessary flow and pressure control valves to prevent blowing media out of the filters;*
- (ii) *Directly to the discharge of one of the 2010 SWTP transfer pumps with any necessary flow and pressure control valves solely for the purpose of backwashing the tested 2010 SWTP gravity media filters;*
or
- (iii) *To a temporary dedicated pump and any necessary flow and pressure control valves that are taking suction from either:*
 - 1. *The 2010 SWTP clearwell; or*
 - 2. *An acceptable temporary storage tank that will be filled with gravity media filtered water or water from the 2010 SWTP clearwell transfer pumps.*

The TCEQ noted that the City selected option 12.g(i) above to provide a backwash supply of water to the 2010 SWTP conventional filters during the FSV Test as shown on Details 4, 5 & 6 of Sheets 1 & 3, Connection Nos. 4 & 5 on Sheet 5, and Connection No. 6 on Sheet 6. TCEQ staff noted that the existing Cypress backwash supply pumps and the 1961 and 1987 conventional filters were isolated as shown on these drawings and complied with Condition No. 12.g. The modifications also included the use of the existing flow meter and flow control facilities to regulate the backwash supply.

Additional findings during the TCEQ's January 9, 2014 on-site visit:

- 1. The City staff reported the connection from Lagoon No. 2 to the Reuse Pump Station shown on Connection No. 1 of Sheet 8 was actually made before the manhole and not between the manhole and this pump station's wet well. TCEQ staff was unable to see this change as it had already been buried. On January 10, 2014, after reviewing the old Cypress Water Treatment Plant drawing previously submitted to the TCEQ, Mr. Weddell and other TCEQ Water Supply Division staff determined that if the modification was as reported, the required isolation was being achieved.

However, the TCEQ must receive the appropriate change order engineering drawings for our files showing the elimination of the modifications that were not constructed and including those that were made.

- 2. The City staff reported that the 12-inch filter-to-waste (FTW) pipeline from the 2010 process control pump station shown on Connection No. 1 of Sheet 8 was not made at the Reuse Pump Station. However, the City staff showed the TCEQ staff where the two pipes had been cut in the vault immediately after the pump station referred to by City staff as the 2010 Process Control Pump Station. On January 10, 2014, after reviewing the old Cypress Water Treatment Plant drawing previously submitted to the TCEQ, Mr. Weddell and other TCEQ Water Supply Division staff determined that since no other pipes were connected between the Reuse Pump Station and the vault after the referenced 2010 Process Control Pump Station, the required isolation for the FSV Test was being achieved.

However, the TCEQ must receive the appropriate change order engineering drawings for our files showing the elimination of the modifications that were not constructed and including those that were made.

3. Due to the modifications already being buried, the TCEQ staff was unable to observe the capping of the 24-inch backwash pipeline to Lagoon No. 3 from the 2010 Lagoon Valve Vault and addition of the temporary connection to the brine pipeline as shown in Connection Nos. 8 & 9 on Sheet 7. City staff reported that the temporary pipe modifications had to be buried in order to take delivery of chemicals.
4. TCEQ staff was able to see that the 24-inch Flange Coupling Adapter (FCA) fitting to Lagoon 2 located in the 2010 Lagoon Valve Vault had been removed.
5. Please submit the change order engineering drawings described in 12.f and 12.g above within 30 days of the date of this letter..

Utilities Technical Review Team, MC-159
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Please refer to the Utilities Technical Review Team's Log No. P-12112013-063 in all correspondence for this project. This will help complete our review and prevent it from being considered a new project.

Please complete a copy of the most current Public Water System Plan Review Submittal form for any future submittal to TCEQ. Every blank on the form must be completed to minimize any delays in the review of your project. The document is available on our website at the address shown below.

<http://www.tceq.texas.gov/utilities/planrev.html>

For future reference, you can review part of the Utilities Technical Review Team's database to see if we have received your project. This is available on the TCEQ's homepage on the Internet at the following address:

<http://www.tceq.texas.gov/utilities/planrev.html#status>

You can download most of the well construction checklists and the latest revision of Chapter 290 "Rules and Regulations for Public Water Systems" from this site.

Mr. Kerry D. Maroney, P.E.

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If you have any questions regarding Enclosure A, conditions for the temporary exceptions, FSV Protocol or Report, or the TCEQ's January 9, 2014 on-site visit, please contact James "Red" Weddell by email at james.weddell@tceq.texas.gov or by telephone at (325) 481-8056 or by correspondence at:

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

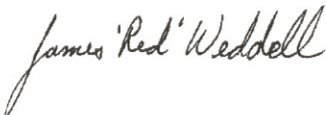
If you have any questions regarding the plan review process please contact Pritesh Tripathi at (512)239-3794 or by email at pritesh.tripathi@tceq.texas.gov, Vera Poe at (512)239-6988 or by email at vera.poe@tceq.texas.gov. Please contact by correspondence at the following address:

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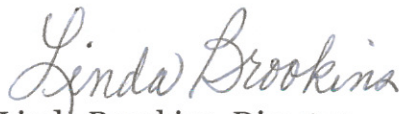
Sincerely,



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



James "Red" Weddell, P.E.
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Linda Brookins, Director
Water Supply Division
Office of Water
Texas Commission on Environmental Quality

PT/VP/JW/LB/av

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Enclosures: Enclosure A – TCEQ Clarifications and Comments

Enclosure B – TCEQ January 10, 2014 and City January 13, 2014 Emails

cc: Honorable Glenn Barham, Mayor, City of Wichita Falls, P.O. Box 1431, Wichita Falls, TX 76307-1431

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