

From: Craig Stowell
Sent: Thu, 23 Apr 2015 20:22:35 +0000
To: David Sloan
Cc: Joel Klumpp; Vera Poe; Marlo Berg; Russell Schreiber (Wichita Falls); Daniel Nix (Wichita Falls); Mark Southard (mark.southard@wichitafallstx.gov); Linda Brookins
Subject: RE: Wichita Falls DPR UV Alarm & Shutdown Triggers
Attachments: P-03132015-106.pdf

David, here is the approval for the two additional pumps needed.

Craig A. Stowell, P.E.

Texas Commission on Environmental Quality
Water Supply Division
Utilities Technical Review Team, MC-159
P.O. Box 13087
Austin, Texas 78711-3087
Tel. 512-239-4633

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey.

From: David Sloan [mailto:DWS@freese.com]
Sent: Wednesday, April 22, 2015 1:37 PM
To: Craig Stowell
Cc: Joel Klumpp; Vera Poe; Marlo Berg; Russell Schreiber (Wichita Falls); Daniel Nix (Wichita Falls); Mark Southard (mark.southard@wichitafallstx.gov)
Subject: Wichita Falls DPR UV Alarm & Shutdown Triggers

Craig: I am attaching Draft Version 5.4 of the Wichita Falls *DPR Alarm and Shutdown Triggers* document.

Please note the additions for the UV system on pages 35-38. The following items have been added:

1. Low permeate (UV) flow (<1 MGD)
2. Low UVT value (<70%)
3. Low UV Lamp Ballast Power (<30%)
4. Low Validated Dose (<12) [in lieu of RED value]

Please let me know if you have any questions or need additional information.

Best regards,

DAVID W. SLOAN, P.E., BCEE
SENIOR PROCESS ENGINEER
BOARD CERTIFIED ENVIRONMENTAL ENGINEER



WATER / WASTEWATER TREATMENT & REUSE

4055 INTERNATIONAL PLAZA, SUITE 200 | FORT WORTH, TX, 76109
817 735 7277 VOICE | 817 528 4442 CELL

EMAIL: dws@freese.com

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Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Zak Covar, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



PWS_2430001_CO_20150424_PlanLtr

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 24, 2015

Mr. David W. Sloan, P.E.
Freese & Nichols, Inc.
4055 International Plaza, Suite 200
Fort Worth, TX 76109-4895

Re: City of Wichita Falls - Public Water System ID No. 2430001
Proposed Supplemental Permeate Pump Station
Engineer Contact Telephone: (817) 735-7300
Plan Review Log No. P-03132015-106
Wichita County, Texas

CN600129316; RN105598759

Dear Mr. Sloan:

On March 13, 2015, the Texas Commission on Environmental Quality (TCEQ) received planning material with your letter dated March 10, 2015 for the proposed supplemental permeate pump station. The pumps shall be used to transfer water from Lagoon No. 3 to the Raw Water Splitter Box for the conventional water treatment plants. 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 **approved for construction**.

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

- Two (2) 1,500 gallons per minute pumps; and
- Various valves, fittings, yard piping, and appurtenances.

This approval is for the construction of the above listed items only. **Please note that the submitted blending plan and modifications to the Temporary Direct Potable Reuse project were not in the scope of this review and will be addressed by TCEQ in a separate letter.**

The project is located at the existing Cypress Water Treatment Plant on Ed Neil Drive in Wichita County, Texas.

The City of Wichita Falls public water supply system provides water treatment.

An appointed engineer must notify the TCEQ's Region 3 Office in Abilene at (915) 698-9674 when construction will start. Please keep in mind that upon completion of the water works project, the engineer or owner will notify the commission's Water Supply Division, 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).

P.O. Box 13087 • Austin, Texas 78711-3087 • 512-239-1000 • tceq.texas.gov

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printed on recycled paper using vegetable-based ink

Mr. David W. Sloan, P.E.

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Please refer to the Utilities Technical Review Team's Log No. P-03132015-106 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.

<https://www.tceq.texas.gov/drinkingwater/udpubs.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:

<https://www.tceq.texas.gov/drinkingwater/planrev.html/#status>

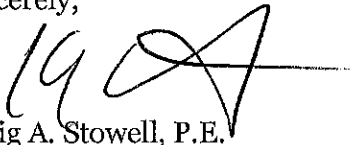
You can download most of the well construction checklists and the latest revision of 30 TAC Chapter 290 – Rules and Regulations for Public Water Systems from this site.

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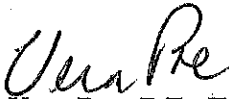
If you have any questions concerning this letter or need further assistance, please contact Mr. Craig A. Stowell at (512) 239-4633 or by email at craig.stowell@tceq.texas.gov or by correspondence at the following address:

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

Sincerely,



Craig A. Stowell, P.E.
Utilities Technical Review Team
Plan and Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality



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

VP/CAS/agl/an

cc: City of Wichita Falls, Attn: Mr. 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

Mr. David W. Sloan, P.E.

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bcc: TCEQ Central Records PWS File 2430001 (City of Wichita Falls)
TCEQ Region No. 3 Office - Abilene (with approved materials)
TCEQ PWSINVEN, MC-155