

Bryan W. Shaw, Ph.D., *Chairman*
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PWS/2430001/CO/08-26-2013/LT2

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 26, 2013

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

Subject: Clarification of LT2 Bin 1 Classification
City of Wichita Falls - PWS ID No. 2430001
Sources: 1- Lake Kickapoo, Source ID No. S2430001A
2- Lake Arrowhead, Source ID No. S2430001B
Plants: 1- Cypress 2010, Plant ID No. 410071
2- Cypress 1961, Plant ID No. 15131
3- Cypress 1987, Plant ID No. 15132
Wichita County, Texas

Dear Mayor Barham:

***** THE CITY OF WICHITA FALLS CYPRESS 2010, CYPRESS 1961, ***
AND CYPRESS 1987 PLANTS ACHIEVED BIN 1 CLASSIFICATION. **

This letter is to clarify that the City of Wichita Falls Cypress 2010 (Plant ID No. 410071), Cypress 1961 (Plant ID No. 15131) and Cypress 1987 (Plant ID 15132), using Source 1- Lake Kickapoo (Source ID S2430001A), and Source 2- Lake Arrowhead (Source ID S2430001B), meet the Long Term 2 Enhanced Surface Water Treatment Rule (LT2) Bin 1 classification requirements as specified in 30 TAC §290.111(c)(3)(B). The Bin 1 classification was first assigned by the United States Environmental Protection Agency (EPA) per a letter sent to your public water system (PWS) on February 12, 2009 (Enclosure 1). Confirmation of the Bin 1 classification was based on *Cryptosporidium* testing previously sent to the EPA. According to the letter dated February 12, 2009 from the EPA, the City of Wichita Falls collected samples between January 1, 2004 and February 1, 2006.

The Bin 1 classification is only applicable when the surface water treatment facilities are using the above surface waters as the source of raw water. If the plants are using other sources, such as wastewater effluent, this Bin 1 classification does not apply. TCEQ will provide required treatment levels if the City chooses to use alternative source waters.

The TCEQ has reviewed your source water *Cryptosporidium* sample data for your PWS to determine compliance with the source water monitoring requirements of the Title 30 Texas Administrative Code (30 TAC) §290.111(b)(4). Based on the LT2 requirements, and the review of our most recent records, your PWS has completed all *Cryptosporidium* sampling requirements at the PWS raw water sources for the initial round of sampling. The second round of sampling for the City of Wichita Falls will begin on April 1, 2015.

The Honorable Glenn Barham

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If you have any additional questions or need further assistance, please contact Tamira Konkin-Garcia by email at Tamira.Konkin-Garcia@tceq.texas.gov or by phone at 512-239-1298.

Sincerely,

A handwritten signature in black ink, appearing to read 'Joel Klumpp', with a stylized flourish at the end.

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

Enclosure: EPA LT2 Bin 1 Classification letter dated 2/12/2009



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

February 12, 2009

Wichita Falls, City of
Water Utilities Manager
P.O. Box 1431
Wichita Falls TX 76307

RE: LT2 Initial Bin Classification

PWS-ID: TX2430001

Dear Water Utilities Manager:

Thank you for completing the initial round of source water monitoring for the **Long Term 2 ("LT2") Enhanced Surface Water Treatment Rule (40 CFR Section 141 Subpart W)**. EPA has received adequate source water *Cryptosporidium* monitoring data to comply with the initial source water monitoring requirements of 40 CFR Section 141.701(a)(1) for systems serving at least 10,000 people.

The average results from *Cryptosporidium* samples are less than 0.075 oocysts per liter for each of the enclosed sources that your water system may use. This means your water system meets the Bin 1 classification requirements as specified in 40 CFR Section 141.710(c) with respect to your current source(s) of raw water and is NOT required to provide additional treatment for *Cryptosporidium* at this time.

The LT2 regulation requires that filtered systems report their initial bin classification to EPA for approval. The enclosed documents are provided for this purpose. Please review them and make corrections if necessary. Designate your approval by signing the applicable document(s) and return them to me in the enclosed, self-addressed envelope. You may also provide your own classification certification form if the enclosed documents are not acceptable.

Thank you for your prompt submittals in compliance with the LT2 rule. Please feel free to contact me with any questions at 214-665-8088, or e-mail at mccasland.mark@epa.gov.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Mark E. McCasland".

Mark E. McCasland, P.E.
LT2ESWTR Manager
Drinking Water Section (6WQ-SD)

Enclosures

cc: Marlo Wanielista Berg, TCEQ

LT2 Initial Bin Classification
Based Upon *Cryptosporidium* Monitoring Results

PWS-ID: TX2430001
PWS Name: WICHITA FALLS, CITY OF

Water Treatment Plant and Source Information:

Source Code: composite
Source Name: Lake Diversion (Cypress WTP)

This certification is to report that the above-named PWS and plant/source has a **Bin 1** classification. This is based upon the monitoring results of *Cryptosporidium* samples taken during the following time period –

First Sample: 1/1/2004

Last Sample: 2/1/2006

The calculated Bin concentration is: 0.000 oocyst/L → Bin Level 1

This bin concentration is based on the highest rolling 12-month average. This concentration does not exceed 0.075 oocyst/L which means additional treatment for the removal/inactivation of *Cryptosporidium* is NOT required for this source.

Name (print) _____

Signature _____

Date _____

Please make a copy and mail original to:

Mark McCasland
U.S. EPA Region 6
Drinking Water Section (6WQ-SD)
1445 Ross Ave Suite 1200
Dallas, TX 75202-2733

LT2 Initial Bin Classification
Based Upon *Cryptosporidium* Monitoring Results

PWS-ID: TX2430001
PWS Name: WICHITA FALLS, CITY OF

Water Treatment Plant and Source Information:

Source Code: composite
Source Name: Secondary Reservoir (blending reservoir for Arrowhead and Kickapoo lakes for Cypress and Jasper WTPs)

This certification is to report that the above-named PWS and plant/source has a **Bin 1** classification. This is based upon the monitoring results of *Cryptosporidium* samples taken during the following time period --

First Sample: 1/1/2004

Last Sample: 2/1/2006

The calculated Bin concentration is: 0.000 oocyst/L → Bin Level 1

This bin concentration is based on the highest rolling 12-month average. This concentration does not exceed 0.075 oocyst/L which means additional treatment for the removal/inactivation of *Cryptosporidium* is NOT required for this source.

Name (print) _____

Signature _____

Date _____

Please make a copy and mail original to:

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