

THE DESIGN CRITERIA FOR WASTEWATER SYSTEMS (30 TAC CHAPTER 217)

**2018 TCEQ ENVIRONMENTAL TRADE
FAIR & CONFERENCE
May 15, 2018**

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CURRENT CHAPTER 217

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Subchapter B

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Subchapter C

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Subchapter J

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Subchapter K

- **Chemical Disinfection**


Subchapter L

- **UV Light Disinfection**


Subchapter M

- **Safety**

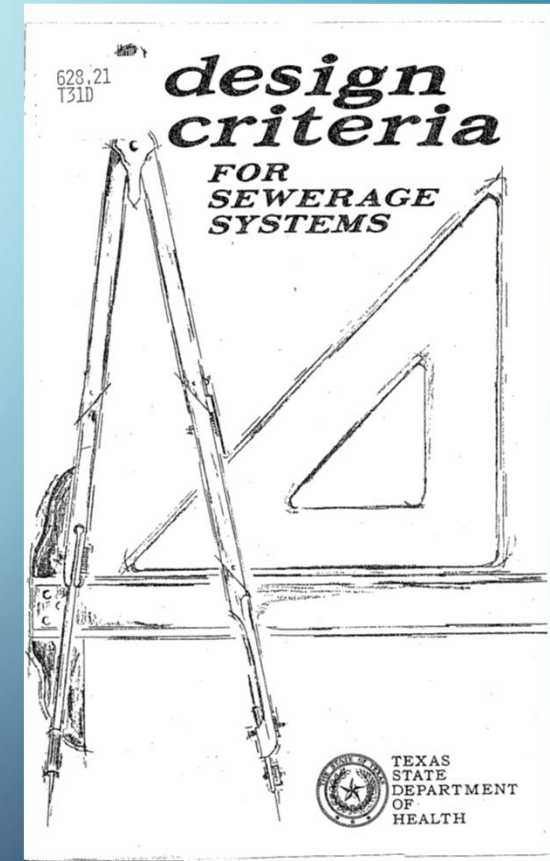
HISTORY OF MAJOR CHANGES OF THE WASTEWATER TREATMENT DESIGN CRITERIA IN TEXAS



The first consolidated design criteria was adopted by Texas State Department of Health on 9/18/1950.



This document was revised on 9/11/1961, 9/18/1968, 9/13/1970, 9/1/1974, 6/1/1981, 4/20/1990, 8/28/2008, 12/4/2015



CHAPTER 217

- Check the status of your summary transmittal letter.
<http://www4.tceq.texas.gov/wwdp>

Track Approval of Wastewater System Plans and Specifications

Find out whether the plans and specifications submitted for a specific wastewater system construction or maintenance project have been approved. The data was last updated on **July 18, 2014**.

Search options

Engineer:	<input type="text"/>
PE License No.:	<input type="text"/>
Applicant:	<input type="text"/>
County:	Select County ▼
Water Quality Project:	<input type="text"/>
Date Cover Letter Sent:	
<input checked="" type="radio"/> In the last:	— ▼
<input type="radio"/> On or after:	and on or before:
— ▼ — ▼ — ▼	— ▼ — ▼ — ▼
<input type="button" value="Search"/> <input type="button" value="Clear Form"/>	

CHAPTER 217

Identifying Information

TCEQ Log No.: 0314/034

Engineer: XXXXXXXX. (License No. XXXXX)

Applicant: CITY OF JOHNSON CITY

Permit No.: 10198-001

Applicant's Project or Grant No. (if any):

Status of Review of Plans and Specifications

Cover Letter Dated: 03/12/14

Received by TCEQ: 03/12/14

Final Action Date: 03/13/14

Final Action: APPROVED

SUMMARY TRANSMITTAL LETTER

(Date)

Mr. Louis C. Herrin III, P.E.
TCEQ - MC 148
P. O. Box 13087
Austin, Texas 78711-3087
Re: Chapter 217.6 Summary Transmittal Letter

Permittee: (Insert the name of the permittee exactly as it is written on the wastewater discharge permit associated with the project identified in this letter.)

Permit Number: (Insert the Permit Number of the wastewater facility associated with the project identified in this letter. WQ00xxxxx00x)

Project Name: (Insert an identifying name for the project.)

County(s): (Insert the name of the county(s) in which the project will be located.)

Grant No.: (If applicable, insert the granting agency initials and a grant number)

Dear Mr. Herrin:

The purpose of this letter is to provide the Texas Commission on Environmental Quality (TCEQ) with the information necessary to comply with the requirements of §217.6(c) of the TCEQ's rules entitled, "DESIGN CRITERIA FOR DOMESTIC WASTEWATER SYSTEMS." The necessary information includes:

1. Provide the name and address of the engineering firm.
2. Provide the name, phone number and facsimile number of the design engineer.
3. Provide the name of the entity (or entities) that proposes to own, operate and maintain the project through its design life.
4. Request a variance from Chapter 217 which is a part of the design. Include in this item the technical justification for any variances under §217.4 of this title (relating to Variances).
5. If applicable, disclose any innovative or nonconforming technologies which are proposed as part of the project identified in this letter. Include in this item, or as an attachment, the backup testing or other technical information needed to justify the use of the innovative or nonconforming technology. See §217.7(b)(2) for details on innovative and nonconforming technologies.
6. Include one of the following two statements in this item:
 - a.) The plans and specifications which describe the project identified in this letter are in substantial compliance with all the requirements of Chapter 217 (or 317 if chosen in '4').
 - b.) Except as disclosed in item (Insert '4', '5' or '4 and 5' in this spot as pertinent to the project.)

SUMMARY TRANSMITTAL LETTER

Mr. Louis C. Herrin III, P.E.

Date

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of this letter, the plans and specifications which describe the project identified in this letter are in substantial compliance with all the requirements of Chapter 217 (or 317 if chosen in '4'). Any deviations from Chapter 217 (or 317 if chosen in '4') which are a part of the project are based on the best professional judgment of the professional engineer who prepared the project plans, specifications and final engineering design report for this project.

7. Include a description of the project and its scope. The type of information most useful to the TCEQ is data relating to current and permitted flows and effluent limitations, current and predicted influent flows and organic loads, the purpose of the proposed project and other technical elements of the project.

If you have any questions regarding this project, please contact (Insert name, phone number and facsimile number of a contact person for this project.)

Note: Be sure to sign and properly seal this letter before mailing. Submissions without a P.E. seal will not be processed.

Sincerely,

(Name) (P.E. Seal - Signed and Dated)

xc: (Provide a copy of the summary transmittal letter to the appropriate TCEQ Region Office Water Program manager.)

COMMON MISTAKES

Missing P.E. Seal

Missing Firm No.

Missing Permit No.

Missing Compliance Statement

Wrong Permittee Name

VARIANCES

What is the technical justification for the variance requested?

COMMON VARIANCES

Vacuum Testing of Manholes
Manhole Spacing
Venting of Collection System
Separation Distances

PROJECT DESCRIPTION

Short narrative of the project that include:

Treatment units with based sizing

The length and size of collection system

Number of manholes

General information on lift station

Effluent Limitations

WHAT TYPES OF PROJECTS GET CALL-IN?

Innovative or Nonconforming Technologies

Pressure or Vacuum Sewer Systems

Nutrient Removal Limitations

Enforcement Actions

SBR or MBR

WWTP

Rerate

Poor Project Descriptions

PROHIBITIONS

Bending Collection System or Force Main Pipe
Hopper Bottom Clarifier greater than 10,000 gpd
Ladder or Steps in Manholes
Several on the Chemical Disinfections

QUESTIONS?

